

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 22/2007
ISSUE NO. 22/2007

शुक्रवार
FRIDAY

दिनांक: 01/06/2007
DATE: 01/06/2007

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.

(V.RAVI)

Controller General of Patents, Designs & Trade Marks

01st JUNE, 2007

CONTENTS

SUBJECT	PAGE NUMBER
JURISDICTION	: 14691-14692
SPECIAL NOTICE	: 14693-14694
EARLY PUBLICATION (KOLKATA)	: 14695-14700
EARLY PUBLICATION (CHENNAI)	: 14701-14709
EARLY PUBLICATION (MUMBAI)	: 14710-14722
PUBLICATION AFTER 18 MONTHS (CHENNAI)	: 14723-14940
PUBLICATION AFTER 18 MONTHS (MUMBAI)	: 14941-15017
PUBLICATION AFTER 18 MONTHS (DELHI)	: 15016-15116
PUBLICATION AFTER 18 MONTHS (KOLKATA)	: 15117-15538
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (DELHI)	: 15539
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	: 15540-15543

THE PATENT OFFICE
PATENT KOLKATA, 01/06/2007
Address of the Patent Offices/Jurisdictions

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

1. Office of the Controller General of Patents,
Designs & Trade Marks,
Bhouthik Sampada Bhavan,
Near Antop Hill Head Post Office, S.M. Road,
Antop Hill, Mumbai-400037,
Phones : 022-24123311, Fax : 022-24123322

E-mail: cgpdtm@nic.in
2. THE PATENT OFFICE, GOVERNMENT OF
INDIA BOUDHIK SAMPADA BHAVAN NEAR
ANTOP HILL POST OFFICE, S.M
ROAD, ANTOP HILL,
MUMBAI – 400 037
PHONE NO. (022) 24137701
Fax: (022) 24130387
E-MAIL – mumbai-patent@nic.in
➤ The States of Gujarat, Maharashtra, Madhya
Pradesh, Goa and Chhattisgarh and the Union
Territories of Daman and Diu & Dadra and
Nagar Haveli.
3. The Patent Office,
Government of India,
Boudhik Sampada Bhavan,
Plot No. 32., Sector-14, Dwarka,
New Delhi – 110075
Tel.: (011) 28081921 – 25
Fax: (011) 2808 1920
E.mail: delhi-patent@nic.in
➤ The States of Haryana, Himachal Pradesh,
Jammu and Kashmir, Panjab, Rajasthan, Uttar
Pradesh, Uttaranchal, Delhi and the Union
Territory of Chandigarh.
4. GOVERNMENT OF INDIA
THE PATENT OFFICE
INTELLECTUAL PROPERTY RIGHTS
BUILDING
INDUSTRIAL ESTATE SIDCO RMD
GODOWN
AREA, ADJACENT TO EAGLE FLASK
G.S.T ROAD, GUINDY,
CHENNAI – 600 032
Chennai - 600 032.
Ph: (044) 2232-2824/2825

Fax: (044) 2232-2878

E.mail: chennai-patent@nic.in
The States of Andhra Pradesh, Karnataka,
Kerala, Tamilnadu and Pondichery and the
Union Territories of Lakshadweep.
5. Patent Office (Head Office),
The Patent Office, Government of India
BOUDHIK SAMPADA BHAVAN, CP-2
SECTOR - V KOLKATA- 700 091
INDIA.
Phone: (91)(33)2367 1943/44/45/46/87
Fax: (91)(33)2367 1988
E-Mail : kolkata-patent@nic.in,
Website: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

➤ Rest of India

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
एकस्व
कोलकाता, दिनांक 01/06/2007
कार्यालयों के क्षेत्राधिकार के पते

1. कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटोप हिल डाकघर के समीप, एस. एम. रोड, एनटोप हिल, मुम्बई - 400 037, भारत.
फोन: (022) 24123311 फैक्स: (022) 24123322
E-mail: cgpdtm@nic.in
2. पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटोप हिल डाकघर के समीप, एस. एम. रोड, एनटोप हिल, मुम्बई - 400 037,
फोन: (022) 2413 7701,
फैक्स: (022) 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.
3. पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट i. 32, सेक्टर - 14, द्वारका, ई दिल्ली - 110 075.
फो: (011) 2808 1922, 2808 1923, 2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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
4. 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: (044) 2232-2824/2825
फैक्स: (044) 2232-2878
ई.मेल: chennai-patent@nic.in
➤ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप
1. 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
वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in
➤ भारत का अवशेष क्षेत्र

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 हैं।

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.

(V. RAVI)

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 Patent in the Official Gazette of India Part III, Section 2 has been discontinued and instead of “The Official Journal of the Patent Office” is being published containing all the activities of The Patent Offices such as publication of all the patent applications after 18th months , grant of patent & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules there under on weekly basis on every **Friday**.

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2007 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form. There will be 52 issues in a calendar year .The annual subscription for the Year 2007 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai. The copy of the Journal will be sent by Courier or Speed Post.

A request should be made accompanied by payment for annual subscription either in cash or cheque/Demand Draft drawn in favour of the Controller of Patents, payable at the respective Office. Other mode of payment i.e. M.O/I.P.O. or any out station cheque will not be accepted. The annual subscription should be made immediately preferably on or before **30th June, 2007**. It may kindly be noted that request for annual subscription or subscription of single copy in paper form should be made before **30th June, 2007**.

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 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.00091/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :30/01/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN AUTOMATIC PARING AND BALL FILLING MACHINE FOR FACILITING ASSEMBLY OF DEEP GROOVE BALL BEARINGS

(51) International classification	:F16C43/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	DIVISION, JAMSHEDPUR-831 001, INDIA. Jharkhand India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MITRA, FALGUNI
(87) International Publication No	: NA	2)THIRUMURUGAN
(61) Patent of Addition to Application Number	:NA	3)JHA, A.N.
Filing Date	:NA	4)MISHRA, PRAGYAN
(62) Divisional to to Application Number	:NA	5)CHAUDHURY, S.B.
Filing Date	:NA	

(57) Abstract :

The main object of the present invention is to provide an automatic pairing and ball-fitting machine for sizing, matching and ball filling to facilitate assembly of deep groove ball bearings at a high speed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :14/03/2007

(43) Publication Date : 01/06/2007

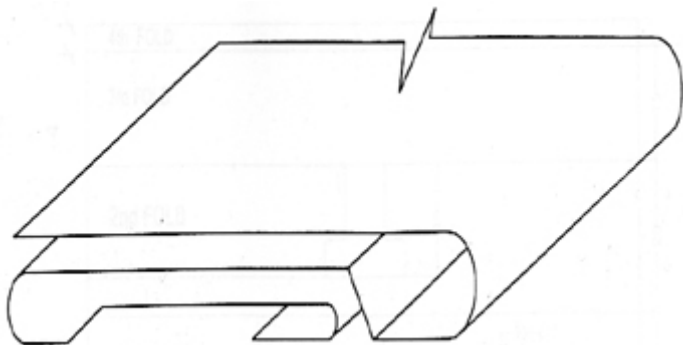
(54) Title of the invention : CREEP BAR

(51) International classification	:D01H5/00
(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 to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHIBA PRASAD MUKHOPADHYAY
Address of Applicant :SHIBA PRASAD MUKHOPADHYAY EE 26,
FLAT NO. 1B, SECTOR-II, SALT LAKE CITY, KOLKATA-91 West
Bengal India
(72)**Name of Inventor :**
1)SHIBA PRASAD MUKHOPADHYAY

(57) Abstract :

A creep bar is provided for prevention of cracks in the junction between RCC structure and masonry work The said creep bar being made of a metal sheet of selective length and thickness as per site requirements, consists essentially of a first end and a last end, wherein said metal sheet between the two ends are configured to have four folds of specified fold widths , characterized in that ,said second and third folds are provided with transverse inverted T cuts which when unfolded and turned against their bases, from a series of lugs to hold rigidly the respective folds with a corresponding concrete member in which they are cast.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.604/KOL/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : RUBBER TYRE TUBE PROTECTION DEVICE

(51) International classification	:B60C19/00	(71) Name of Applicant : 1)SOUNAK CHATTERJEE Address of Applicant :11/F J.N.GHOSAL ROAD, ARIADHA KOLKATA-700057 West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SOUNAK CHATTERJEE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a new protection device for Rubber Tyre & Tube For vehicle from Tyre puncture . The device will protect the Tyre & Tube From puncture on the road from iron or steel materials because most of the puncture happens from abandoned kills & pointed piece of iron & steel materials. This device is made by parmanent magnet which will attract the iron or steel particles & protect the Tyre & Tube from puncture. The permanent magnet is highly reliable and as there is no electrical ckt is employed so no chance of any electrical hazard. So the longevity of the Tyre & Tube will be increase & safety of the passengers drivers will more. This instrument will give relieve from tention worries & harrassment on the Road.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :17/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : NEW PROCESSES AND TECHNIQUES OF USING NATURAL ANNATTO SEED COLOUR AS PHARMACEUTICAL COLOURING AGENT

(51) International classification	:C09B61/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PHARMACEUTICAL
(33) Name of priority country	:NA	TECHNOLOGY, JADAVPUR UNIVERSITY, KOLKATA (CALCUTTA)
(86) International Application No	:NA	700032, WEST BENGAL, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pharmaceutical excipients are the backbones of pharmaceutical industries. All most all dosage forms need various types of excipients for their formulations, one such excipient is colouring agent. Annatto seed colour is widely used as natural food colour, but it has never been used as colouring agent in pharmaceutical dosage forms. Here we established new methods and techniques to process the annatto seed colours to be used as pharmaceutical colouring agents. In the present study an effort has been made to study on annatto seeds to utilize as colouring agents in oral liquid and solid dosage forms. The colour was extracted from the seeds by different methods. The characterization of the extracts was done by UV-spectrophotometric method, FTIR method etc with or without using different excipients and drugs. The comparative study of the annatto seed extract with standard methyl orange has been done and the stability study of the colour in oral dosage form (i.e. in simple syrup) has been done to know the physical and chemical integrity. The toxicity study of the annatto seed extract was done in Swiss Albino Rat by oral administration. It was found that the colour intensity of annatto seed extract is more than that of methyl orange at same ppm strength and stable in liquid and solid oral formulations. The colours are nontoxic, biodegradable and economically viable colour supplement for oral liquid and solid dosage forms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :17/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : NEW USE OF NATURAL GUM CORDIA AND NEW MODIFIED GUM CORDIA -AS PHARMACEUTICAL EXCIPIENTS AND A NEW MODIFIED GUM CORDIA AND ITS USE FOR ENTERIC RESISTANT, SUSTAINED AND CONTROLLED RELEASE AGENT AND ALSO AS OTHER PHARMACEUTICAL EXCIPIENTS

(51) International classification	:A61K8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PHARMACEUTICAL
(33) Name of priority country	:NA	TECHNOLOGY, JADAVPUR UNIVERSITY, KOLKATA (CALCUTTA)
(86) International Application No	:NA	700032, WEST BENGAL, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The ripe fruits of Cordia obliqua, wild, family. Boraginaceae, are traditionally eaten by Indian tribal populations in Orissa and Andhra Pradesh and raw fruits are used as pickle. The fruit mucilage is used as a gum for pasting sheets of paper and board, etc. Here an effort was made to investigate the efficacy of cordia obliqua fruit mucilage as pharmaceutical excipients in particular as tablet binder and emulsifier etc. The study of toxicity and chemical compositions of the experimental gum and gum-experimental tablet excipient interactions using FTIR (Fourier transform infrared) spectrum ensured its safe use as a tablet binder. Tablets were manufactured with various quantities of cordia fruit mucilage as tablet binding agent and a comparison was made against the tablets prepared with 5% starch paste as binder, based on studying the standard parameters like hardness, thickness, friability, weight variation and disintegration time. Gum cordia at a very low amount (1/25 th of the starch paste used) was found to be effective as tablet binder. For emulsifying activity study, castor oil was taken as a model drug and emulsified with cordia obliqua fruit mucilage and found to be effective at the oil : gum ratio of 1.5 : 1 %v/v concentration. Thus this gum is a cheap, economic and easily available option as tablet binder and emulsifier in the list of pharmaceutical excipients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/KOL/2007 A

(19) INDIA

(22) Date of filing of Application :17/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : NEW SIMPLE MICROENCAPSULATION / COATING TECHNIQUES USING GUM CORDIA FOR ENTERIC RESISTANT, SUSTAINED AND CONTROLLED DRUG DELIVERY

(51) International classification	:A61K8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PHARMACEUTICAL
(33) Name of priority country	:NA	TECHNOLOGY, JADAVPUR UNIVERSITY, KOLKATA (CALCUTTA)
(86) International Application No	:NA	700032, WEST BENGAL, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. BISWAJIT MUKHERJEE AND SUBAS CHANDRA DINDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present study concerns the evaluation of natural gum cordia as novel enteric resistant sustained release material in tablet formulation. Diclofenac sodium was used as model drag. The sustained release formulation was tried by adopting different microencapsulation techniques. Under microencapsulation technology, the microcapsules of diclofenac sodium was prepared by surface polymerization technique using different aqueous solvent and imissible polymer addition. The microcapsules were compressed to get tablet. The tablet were evaluated for pharmacotechnical properties, drag content uniformities and in vitro drag release kinetics. The invitro drag release profile of microcapsules formulated with different techniques were compared with invitro drag release kinetics of marketed formulation of diclofenac sodium SR tablet (Voveran SR 100) All the formulations like G, G1, G2 & G3 are found to be following zero order kinetics with $t_{1/2}$ more than 12 hrs and resistant to release the drag in simulated gastric fluid (pH - 1.2 acid buffer) in first two hours and start releasing in the simulated intestinal fluid (pH - 6.8 phosphate buffer). The microcapsules i.e. formulation G3 prepared by taking 0.5% chitosan in 5% acetic acid as solvent and drag : gum cordia ratio of 1 : 0.5 w/v (or 1 : 0.03 w/w) is found to be producing good particle size ranges from 10 to 500 um with surface weighted mean. Diameter of 34.573 micron and volume weight mean diameter of 94.604 micron with specific surface area of 0.174 m²/gm is found to be good controlling release characteristics of the drag and $t_{1/2}$ is found to be 21 hours which is just double in comparison to other formulation like G, G2 and commercial product Vovran SR - 100. It is concluded that the gum cordia possess good diffusion dominated coupled with erosion (anomalous) type drug release characteristics and suitable for designing sustained drug delivery systems.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.17/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :04/01/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : IMPROVED CEMENTITIOUS POWDER COMPOSITIONS AND PROCESS THEREOF

(51) International classification	:C04B 07/00	(71) Name of Applicant : 1)MAGIC BLUE PORTLAND CEMENT COMPANY Address of Applicant :3-4-136/B/A ROYAL ASHOKA BUILDING BARKAPUTRA, HYDERABAD-500027 Andhra Pradesh 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)REDDY, R. RAMESH
Filing Date	:NA	2)REDDMAN. P.
(87) International Publication No	: NA	3)REDDY, R. VENKATESHWARA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 48

(57) Abstract :

Abstract Disclosed are organic compounds based mixtures for cementitious products, and methods for producing these formulations and products. The disclosed admixture formulations exhibit increased workability and rapid increase in compression strength compared to ordinary cementitious products. Other advantages of the disclosed formulations include improved dimensional stability in extruded products, reduced cracking, and reduced water use. The products of the disclosed formulation have lower cost of production and faster time to market.

(54) Title of the invention : A FLOOR FOR AN ANIMAL FARM

(51) International classification	:E04F 15/00	(71)Name of Applicant : 1)MICHAEL EARLS
(31) Priority Document No	:NA	Address of Applicant :EASYFIX RUBBER PRODUCTS
(32) Priority Date	:NA	RAFORD,ATHENRY COUNTY,GALWAY. Not Applicable Ireland
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MICHAEL EARLS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 9

(57) Abstract :

A floor for an animal Farm The present invention relates to a floor tile for use in an animal farm. The invention is a covering for a slotted floor such as is found in an animal farm. The base provides footholds running between the rows for supporting animals. Animals may be housed in sheds with concrete slat flooring for several months Muring the winter. Concrete is particularly uncomfortable to stand on for extended periods of time and standing on such slats for long time periods may prove detrimental to the health of the animal. Accordingly, the present invention floor provides a more comfortable foothold for an animal by constructing of a slat floor for an animal house comprises of a molded body of 10 durably substantially non-deformable rubber which is essentially a mixture of synthetic butetine rubber and natural rubber having a shore hardness factor(SHF) of between 45 and 80. An embodiment of the invention will now be described with reference to the accompanying drawing a) Figure 1 is a perspective view of the floor tile according to an embodiment of the invention. b) Figure 2 is a plan view of the tile of Figure 1 c) Figure 3 is a longitudinal cross section of the tile of Figure 1 on the line III III of Figure 2 d) Figure 4 is a transverse cross section of the tile of Figure 1 taken on the .line IV -IV of Figure 2 e) Figure 4A is an enlarged detail of Figure 4 f) Figure 5 is a plan view of a concrete base on which the tiles of Figure 1 may be laid according to the embodiment of the Invention. g) Figure 6 is a plan view of a concrete base with the tiles of Figure 1 laid thereon. h) Figure 7 is a transverse cross-section of the floor structure of Figure 6 taken on the line VII -VII i) Figure 8 is a longitudinal cross section of the floor structure of figure 6 taken on the line VII -VII

(12) PATENT APPLICATION PUBLICATION

(21) Application No.438/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :10/03/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SMART CARD FOR ENERGY METER AND SOFTWARE FOR BILLING AND STORING CONSUMER INFORMATION

(51) International classification	:G01D 4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :KIADB INDUSTRIAL AREA, HEBBAL-HOOTAGALLI, MYSORE - 570 018, KARNATAKA Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KASINA BALACHANDAR
Filing Date	:NA	2)JOHN ZACHARIA
(87) International Publication No	: NA	3)ANIL KUMAR SARDANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 15

(57) Abstract :

The present invention has a smart card embedded with a micro chip and an antenna for communication. The smart card stores consumer data and programs in it. The card has various security features present in it, which will avoid any tampering of data by the consumer or the person viewing it in the electricity department. The microchip is powered up by a smart card reader which is magnetically coupled with the circuit of smart card to form a transformer. The card is operated in supervisory mode, data download mode and vigilance mode to authenticate the card, to download data and to monitor the load profiles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.439/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :10/03/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PCB BOARD FOR SMART CARD ENERGY METER WITH REDUCED NOISE

(51) International classification	:G01D 4/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :KIADB INDUSTRIAL AREA, HEBBAL-
(32) Priority Date	:NA	HOOTAGALLI, MYSORE - 570 018, KARNATAKA Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KASHINA BALACHANDAR
Filing Date	:NA	2)JOHN ZACHARIA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

The present invention provides a grounding mechanism to provide a grounding path to conduct the noise from each individual component to reduce the noise level. A decoupling capacitor is also provided to reduce the noise from power supply, digital active components and noise prone components like controllers, ASIC, real time clock, reset generator etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.504/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :12/03/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : ALERTING VEHICLE DRIVER IF THE DRIVER GETS SLEEP WHILE DRIVING

(51) International classification	:B60R 21/01	(71)Name of Applicant : 1)KORAMBATH PAYYANDAN PREMCHANDRAN
(31) Priority Document No	:NA	Address of Applicant :VIJIVILLA,KANNUR-670 002 Kerala India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)KORAMBATH PAYYANDAN PREMCHANDRAN
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 4

(57) Abstract :

When the driver drives the vehicle with the DRIVER ALERT SYSTEM switch in ON position and if the driver gets sleep while driving, he will not be able to hold the steering wheel firmly at the pressure switch provided on steering wheel. His hands loosens at steering wheel pressure switch. Immediately the system alerts the driver with audible buzzerround, flashing indicator light and all hazard warning light flashes alerting vehicles coming from behind and from front. When driver wakes up and immediately if he holds the steering wheel firmly at pressure switch the system cuts off. The system consists of push button driver alert switch, buzzer indicator light on instrument panel, spring loaded pressure switch on steering wheel, fuse, existing hazard warning light on the vehicle & connecting wires.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.614/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :26/03/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : DUEL POWERED UNI TRANSMISSION SYSTEM

(51) International classification	:A47C	(71)Name of Applicant :
	3/00	1)G. PUSHPARAJ
(31) Priority Document No	:NA	Address of Applicant :NEW NO.49, 37TH (SAINT ANTHONY
(32) Priority Date	:NA	STREET) G.K.M. COLONY, CHENNAI-600 082, TAMILNADU, INDIA
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)K. PRASANNA KUMAR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)G. PUSHPARAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 1

(57) Abstract :

The word Hybrid itself defines the implementation of two different technologies to run a single system to achieve best economy without sacrificing the performance of the system. Hybrid vehicle technology is the future technology which will drive almost all vehicles on earth. Research is being carried out in this field in a -rapid manner to find a permanent solution to power the future world. As the economy of a country mainly depends on it's oil reserves and the decline of it in country's economy is due to high petroluem imports. In recent years, due to the advancement in technology and rising demand for owning a personal vehicle leads to the increase in p~troluem product consumption to a greater extent. In this present project it has been proposed to develop a hybrid bike. The hybrid bike technology used in this reserch is the combination of pertol and electrical power from lead acid batteries. This modification is made in the existing petrol Bike reduces the pollution and cost per kilometer. By implementing the electric drive in the Petrol Bike Alternate fuel is also being used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.628/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :05/04/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR COLLABORATION AMONG INDIVIDUALS AND IMAGINARY CHARACTERS ACROSS HETEROGENEOUS COMMUNICATION NETWORK

(51) International classification	:H04Q7/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VERIZON DATA SERVICES INDIA PRIVATE LIMITED,
(32) Priority Date	:NA	Address of Applicant :INDIAN CORPORATION, PF VICEROY
(33) Name of priority country	:NA	NO.22, SARDAR PATEL ROAD, GUINDY, INDIA 600 032 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAO ALOK S. RAGHUNATH
(61) Patent of Addition to Application Number	:NA	2)MEENA ASHOK K.,
Filing Date	:NA	3)RAMAKRISHNA RAJU T.,
(62) Divisional to to Application Number	:NA	4)SANKARANARAYAN RAMAKRISHAN R.,
Filing Date	:NA	

No of Pages : 31

No of Claims : 25

(57) Abstract :

Method and systems for establishing a collaboration among individuals and an imaginary character in a virtual world are disclosed. An exemplary method may include establishing an internet protocol channel between a first individual and a program represented by the imaginary character. The exemplary method may also include establishing a non-internet protocol channel between a second individual and the program represented by the imaginary character.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :17/01/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : AUTOMATIC WAY POINT TRACING SYSTEM FOR AIRWAY, SEAWAY VEHICLE

(51) International classification	:G01S1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A. XAVIER RAJA
(32) Priority Date	:NA	Address of Applicant :798/152, OPP. ST. MARY"S TOWER,
(33) Name of priority country	:NA	MARAVANKUDIERUPPU, NAGERCOIL-2, KANYAKUMARI DIST,
(86) International Application No	:NA	TAMIL NADU-629 002. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A. XAVIER RAJA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 4

(57) Abstract :

This invention is related to Automatic Waypoint Tracing System for Airway, Seaway Vehicle which can be used in sea route and airline vehicles. This is a new invention in which a Micro strip antenna is used. The antenna with Global positioning system receives frequency from a particular direction from 0 to 360 degrees and this angle is fed to the magnetic needle through proper arrangements. The arrangements are explained in detail. The power to the needle depends upon the power from the Automatic Waypoint Tracing System settings. A ruder connected to the vehicle will turn towards the direction of the needle of the compass and allows the machine to move in the required direction. The entire operation is based on the energy produced by the magnetic needle during its deflection. The power from the Digit Processing system is fed to the needle of the compass through proper arrangements. Hence this system fitted in a boat will control the direction of movement of the boat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.982/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :09/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND PREPARATION OF HERBAL EXTRACT FOR CANCER TREATMENT

(51) International classification	:A61K 36/27	(71)Name of Applicant : 1)DR. ZACHARIA JACOB
(31) Priority Document No	:NA	Address of Applicant :JAWAHAR HOUSING COLONY,
(32) Priority Date	:NA	CHERINCHAL, KARANTHOOR P.O. KUNNAMANGALAM,
(33) Name of priority country	:NA	KOZHIKODE DISTRICT, KERALA, INDIA Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ZACHARIA JACOB
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

A method of preparation of a potential herbal anti-cancer medicine from the leaves and twigs of Calotropis gigantean for prevention and treatment of all types of cancers, using fresh extract of leaves and twigs of Calotropis gigantea fortified with unrefined sugarcane sugar (jaggery). The aqueous extract of leaves and twigs of Calotropis gigantea was desiccated. The [3H]-Thymidine growth assay was performed against cancer cell lines, WM 902-B and WM1341-D.The extract [28mgms] was dissolved in 2ml control at 0.5%, 0.1% DMSO. The extract is highly inhibitory at all dilutions and highly inhibitory to both the cancer cell lines.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/MUM/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR PRODUCING FLAWLESS OPTICAL FIBER PREFORM AND A FIBER PRODUCED THEREFROM

(51) International classification	:C03B37/018 C03B8/04	(71) Name of Applicant : 1)STERLITE OPTICAL TECHNOLOGIES LTD. Address of Applicant :E1/E2/E3 MIDC,Waluj,Aurangabad-431136, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JEGAN MIRAS
(33) Name of priority country	:NA	2)SANKET SHAH
(86) International Application No	:NA	3)PARAG KULKARNI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 57

No of Claims : 25

(57) Abstract :

The present invention relates to a process for preparing the mandrel suitable for producing flawless optical fiber preform, wherein the mandrel can be easily removed from the soot porous body without causing any defects, such as voids, bubbles, impurities, uncollapsed portion in the centerline region of the preform thus produced, wherein said process is characterized by heating the mandrel before the start of soot deposition to form a soot porous body having core and clad.

(54) Title of the invention : IMAGE GUIDED WHOLE BODY STEREOTACTIC NEEDLE PLACEMENT DEVICE WITH FALLING ARC

(51) International classification :A61B19/00,A61B17/00 (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 to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)HIRDESH SAHNI Address of Applicant :17 B, Wanowrie Road, WANOWRIE, PUNE Maharashtra India (72) Name of Inventor : 1)HIRDESH SAHNI

No of Pages : 23

No of Claims : 9

(57) Abstract :

The present invention provides an image guided whole body stereotactic needle placement device with falling arc, comprising a circular base plate, a circular supporting ring that is placed in the groove in base plate for supporting ring, a carrying arc for needle guide which has a foot on either side, a fixing screw which fixes the carrying arc for the needle guide with supporting ring and the base plate, a locking pin which fixes the carrying arc for needle guide with supporting ring making the carrying arc for the needle guide perpendicular to the base and a needle guide that slides on the superior surface of the carrying arc for the needle. This device is both CT and MR compatible, and can be used for precisely positioning a needle tip at a particular point inside the body. The needle can be used for taking tissue samples/delivering drugs/delivering energy to ablate tissues/aspirating cystic lesions. The patients has to hold breath while the needle is being passed into regions that move on respiration. This device has a falling arc that allow quick release of the needle after placement, so as to quickly allow free breathing for the patient. This feature allows utilisation of this device in chest and abdomen also. The device can be placed on the skin or on the exposed organ during surgery. The device is light weight, small and can be used in patients of any age.

(54) Title of the invention : A PROCESS FOR PREPARING 2-[(2,6-DICHLOROPHENYL) AMINO] BENZENEACETIC ACID CARBOXYMETHYL ESTER

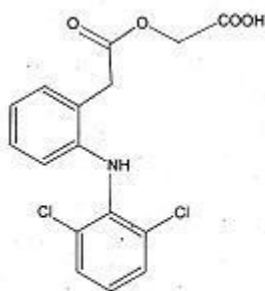
(51) International classification	:C07C227/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMOLI ORGANICS PVT.LIMITED
(32) Priority Date	:NA	Address of Applicant :407, Dalamal House, J. Bajaj Road, Nariman
(33) Name of priority country	:NA	Point, Mumbai-400 021, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAILENDRAKUMAR RATANLAL BHANDARI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

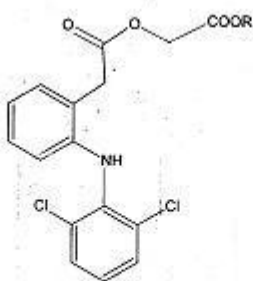
No of Claims : 13

(57) Abstract :

The present invention provides a process for preparing acecclofenac of formula IV which comprises reacting a compound formula I with α - haloacetic acid ester of formula II to obtain a compound of formula III which is reacted with a deprotecting agent to obtain a compound formula IV, wherein the said reaction is carried out with isolation of compound formula III. The step of reacting a compound of formula I with a compound of formula I with a compound of formula II is carried out in a solvent and a phase transfer catalyst. wherein M represent alkali metal atom; X is a halogen atom, R is alkyl or phenyl substituent.



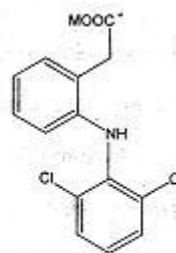
Formula IV



Formula III



Formula II



Formula I

(54) Title of the invention : A NOVEL INLINE TWO CYLINDER DIRECT INJECTION HIGH PRESSURE COMMON RAIL FOUR-STROKE RECIPROCATING PISTON INTERNAL COMBUSTION TURBOCHARGED DIESEL ENGINE

(51) International classification :F02B75/22,F02B75/18
 (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 to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai-400 001 Maharashtra India

(72)Name of Inventor :

1)MILIND D. PESHAVE

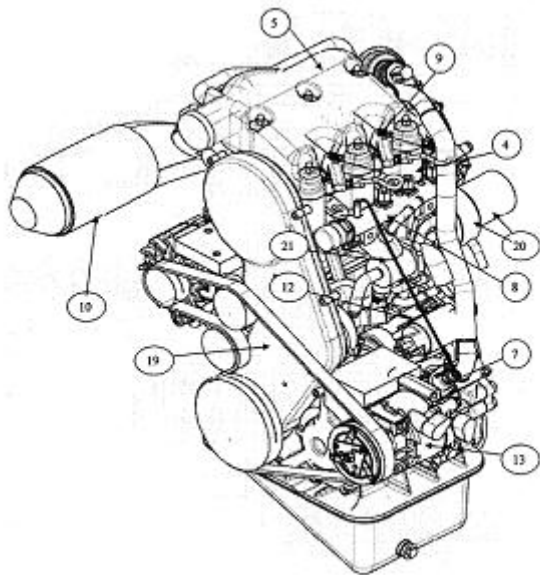
2)NIRAJ R. DHARKAR

No of Pages : 14

No of Claims : 10

(57) Abstract :

This invention relates to a novel Inline two cylinder direct injection high pressure common rail four-stroke reciprocating piston internal combustion turbocharged diesel engine comprising a cylinder block with two bores in the inline configuration accommodating the piston with bowl and connecting rod arrangement said connecting rod is connected to a crank shaft supported on a bed plate; said cylinder block have a cylinder head and which supports two valves per cylinder and are actuated directly by overhead camshaft, air charging system includes integrated inlet manifold fitted on a said cylinder head which have flow optimized ports; and exhaust gas recirculation system comprising of electronically controlled valve & a cooler fitted between exhaust manifold & inlet manifold, and turbocharger Integrated with exhaust manifold mounted on the cylinder head to have a required air flow for combustion and a fuel injection system to assist in better atomization of fuel and hence benefits combustion. In this instead of having to build up pressure before each individual injection, the fuel is stored in the fuel common rail and kept under constant pressure and a correct quantity of fuel is injected in the combustion chamber with the precise control of electronic control unit as per requirements of the engine.



(54) Title of the invention : AN IMPROVED PIERCE SELECTOR SYSTEM AND A METHOD FOR OPERATING THE SAME

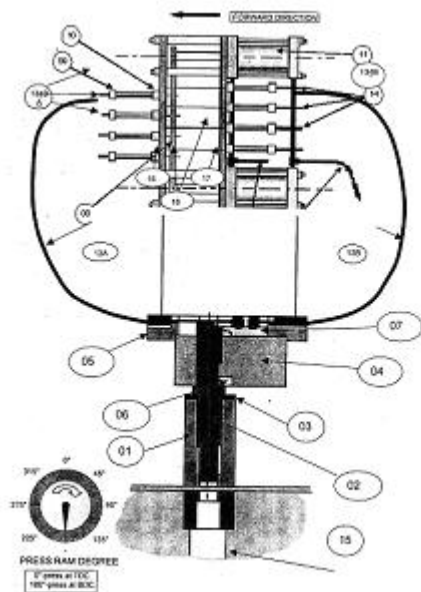
(51) International classification	:B21D28/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma
(33) Name of priority country	:NA	Chowk, Mumbai 400 001 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIRAN SAHEBRAO SHINDE
(87) International Publication No	: NA	2)GITESH CHANDRAKANT SANVATSARKAR
(61) Patent of Addition to Application Number	:NA	3)SUHAS R BELHE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 9

(57) Abstract :

This invention relates to the pierce selector system used in press tools which consists of power cylinder assembly, cable, wedge, punch, and punch holder, key, rubber stripper, wherein the wedge is slidably placed inside the punch holder and connected to the power cylinder assembly with the help of cables and the said wedge has a taper surface on one side and the punch also has a corresponding taper surface at one end on its base to have a sliding movement with respect to wedge. Longitudinal motion of the punch beyond the required stroke and rotational movement is prevented by providing a key in the punch holder and a slot on the punch. A stripper is placed on the punch to strip the component and also to revert back the punch to its normal position. When power cylinder assembly is operated in reverse direction the cable connected to the cylinder is pulled while in turn pulls the one edge of the wedge, because of wedge movement the punch moves in longitudinal direction. When power cylinder assembly is operated in forward direction the cable pulls the other end of the wedge and creates space for accommodation of the punch and the punch is retracted back by rubber stripper.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.432/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :07/03/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR PREPARING SESQUITERPENE ENDOPEROXIDE DERIVATIVES

(51) International classification	:A61K31/357
(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 to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAXENA ALOK

Address of Applicant :C/o. ELDER PHARMACEUTICALS LTD,
Elder house, Plot No. C/9, Dalia Indl. Estate, Off. New Link Road, Andheri
(W), Mumbai-400 058, Maharashtra India

(72)Name of Inventor :

1)SAKHARDANDE RAJIV RAWALNATH

2)KHATRI NAVIN KANJI

3)FIRAKE PANDHARINATH NILKANTH

4)PANCHAL RAJESH VASANT

5)BABREKAR CHANDAN NAGESH

6)MOHITE DHANAJI MADHUKAR

No of Pages : 13

No of Claims : 17

(57) Abstract :

The present invention relates to an improved method for the preparation of sesquiterpene endoperoxide derivatives by reducing sesquiterpene lactone at a temperature in the range of -5° to 5°c, followed by reaction with an alcohol in the presence of acid catalyst and isolation using alkanol of from 1 -4 carbon atoms, or mixture of water and alkanol of from 1 - 4 carbon atoms.

(54) Title of the invention : LIFTABLE AXLE CONTROL SYSTEM FOR VEHICLE

(51) International classification :B26D61/00,B60G17/015
 (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 to Application Number :NA
 Filing Date :NA

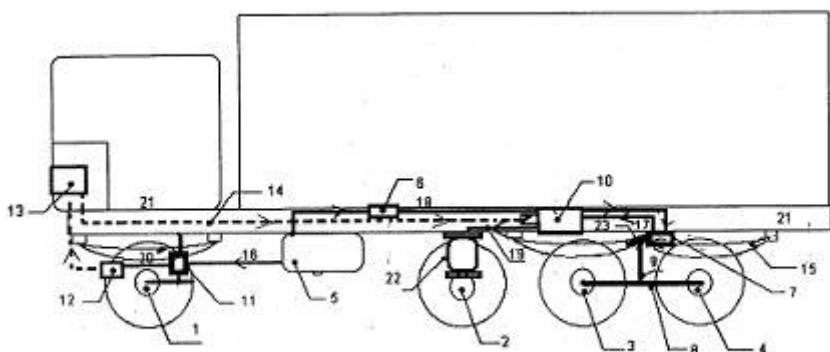
(71)Name of Applicant :
1)TATA MOTORS LIMITED
 Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra India
 (72)Name of Inventor :
1)BABALAL SAHEBJI MULANI
2)NARAYAN DATTATRAYA JADHAV
3)GOPALAKRISHNA.K
4)AMIT GUPTA

No of Pages : 20

No of Claims : 10

(57) Abstract :

This invention relates to the pneumatically controlled liftable axel control system of vehicle. The control of liftable axle (2) is done with respect to the actual load coming on the front axle (1) and rear axles (3,4) To sense the load coming on rear axles a pneumatic load-sensing value (7) is fitted between the chassis (21) and sails rear axle. To sense the load coming on front axle a pneumatic height control value (11) is fitted between front axle (1) and chassis. A load sensing value fitted on chassis bottom will sense the load on rear axles by referring the height between chassis and rear axles with the help of a bridge connection. The bridge connection is having a bridge rod (8), which is fitted over live axle (3) and dead axle (4). A displacer (9) is then fitted between bridge rod and load sensing valve adjusting lever, which will vary or control the output of load sensing valve with respect to the height between bridge rod and chassis. Front axle (1) is fitted with a height control valve (11) whose output will vary with respect to the height between front axle and chassis. The output of height control valve is then given to an electronic logic control module (13). A voltage output from electronic logic control module is then given to a solenoid controlled pneumatic valve (10), having input from load sensing valve (7), is an electro-pneumatic valve whose pressure output is controlled by voltage received from electronic logic control module. The controlled pressure output from solenoid controlled pneumatic valve is then given to suspension bellow of liftable axle.



(54) Title of the invention : AIR SEPARATION UNIT WITH REBOILER, BUFFER VESSEL AND BOOSTER AIR COMPRESSOR WITH ENGINE

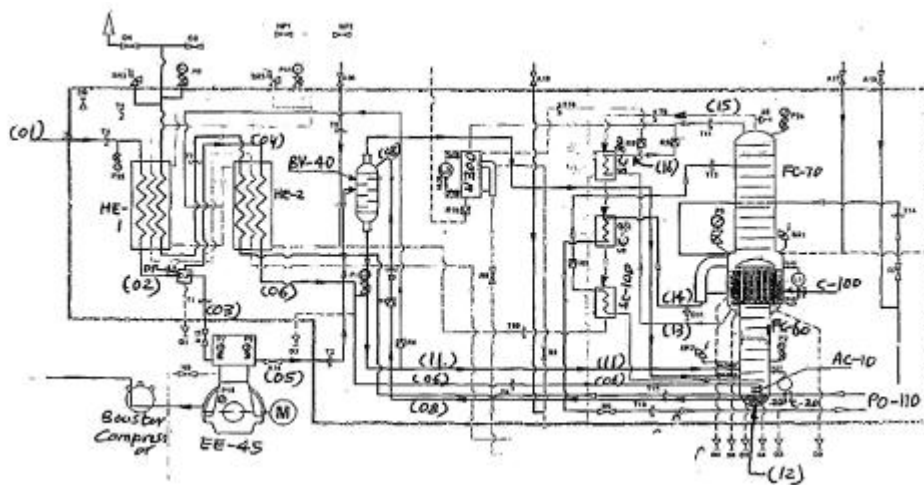
(51) International classification	:F25J3/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARTEFACT TECHNOLOGIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :A-4, TRISHUL MAHAKALI CAVES ROAD,
(33) Name of priority country	:NA	ANDHERI (EAST) MUMBAI-400 093, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAGA GOVINDASAMY
(87) International Publication No	: NA	2)KODUVAYUR RAMACHANDRAN SAHASRANAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 6

(57) Abstract :

The conventional air separations units (ASU) for production of compressed oxygen and compressed nitrogen gases entail multiple (3 or more) rectification columns, a main heat exchanger, a pre-treatment auxiliary column and a combination of these features. They (ASUS) yield oxygen levels of around 29% in liquefied air prior to separations. The present invention incorporates a damper to an expansion engine to dually serve as an improvised column, fitted with 6-8 sieve trays and air coil reboiler in bottom section of high pressure rectification column to liquefy process air prior to enrichment in the buffer vessel. The twin features yield oxygen concentrations of 39%, thereby substantially reducing column size for high-pressure and high pressure rectifications and offering substantial savings in overall operating costs.



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

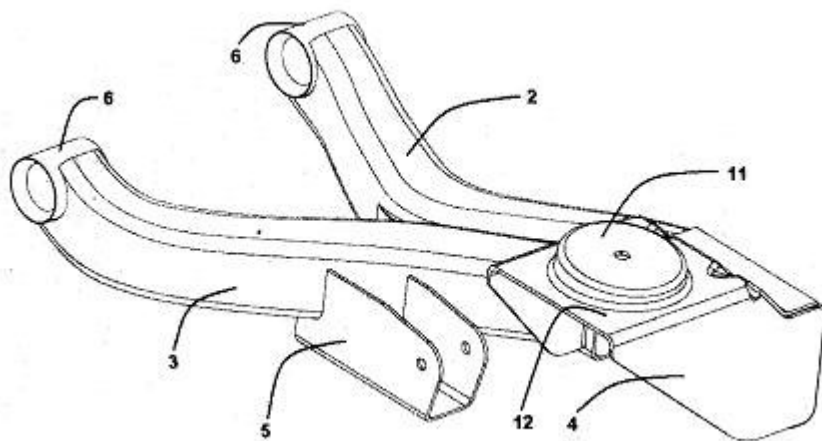
(51) International classification	:B60G3/22 B60G3/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET,
(33) Name of priority country	:NA	HUTATMA CHOWK, MUMBAI 400 001, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOHEB AHMED
(87) International Publication No	:NA	2)ABHAY DESHPANDE
(61) Patent of Addition to Application Number	:NA	3)UMESH ABHYANKAR
Filing Date	:NA	4)MANDAR HAJARE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 10

(57) Abstract :

This invention relates to a suspension system, which comprises of two semi trailing arms made by hydro forming process. The shape of the arms is such that it gives improved stiffness in camber and toe. The outer arm and inner arm are given profiles such that in assembled conditions there is interlocking between the two. This ensures that only part of twisting loads is endured by the welding and remaining is taken care by the interlocking between the two arms. This improves durability of the suspension system apart from increasing rigidity.



(54) Title of the invention : AN INTERNAL COMBUSTION ENGINE

(51) International classification :F16C9/02,17/04,17/10
 (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 to Application Number :NA
 Filing Date :NA

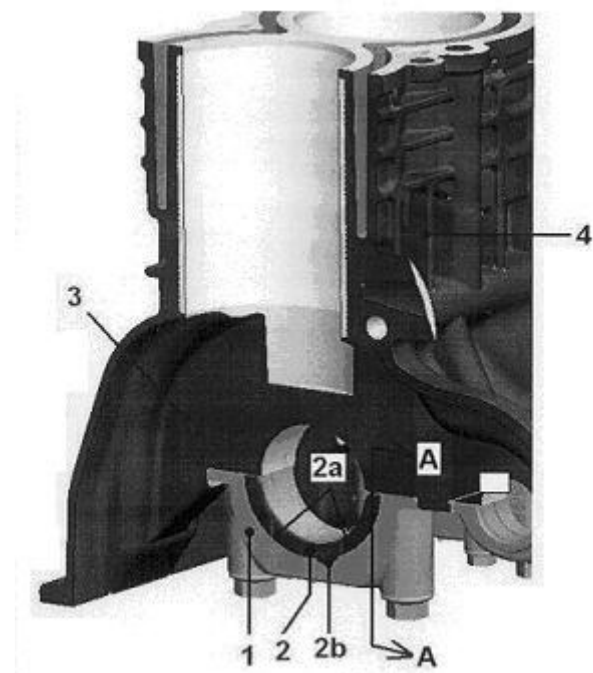
(71)Name of Applicant :
1)TATA MOTORS LIMITED
 Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET,
 HUTATMA CHOWK, MUMBAI-400 001, Maharashtra India
 (72)Name of Inventor :
1)NARENDRA KUMAR JAIN
2)HEMANT AMBADAS MALEKAR
3)KEDAR DIGAMBAR GOKHALE

No of Pages : 14

No of Claims : 10

(57) Abstract :

This invention relates mainly to the thrust washers used in an internal combustion engine to provide axial support to the crankshaft wherein only lower thrust washers on both the sides of main hearing cap are provided and upper thrust washers on both sides of main bearing wall in crankcase are eliminated. Undercut on both sides of main bearing cap along its internal diameter are provided to accommodate thrust washers. The difference in the width of main bearing wall and machined width of main bearing cap prevents the thrust washer movement along with the crankshaft and various ways of mounting two thrust washers are also devised in this invention.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :30/03/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL DOSAGES FORM, IN PARTICULAR ORAL STRIP OR THIN FILM FORM OF ACTIVE/DIPHENHYDRAMINE HYDROCHLORIDE THROUGH THE NOVEL PROCESS FOR MANUFACTURING THE SAME

(51) International classification	:A61K9/24	(71)Name of Applicant :
(31) Priority Document No	:87/MUM/2007	1)ANKUR DRUGS AND PHARMA LTD.
(32) Priority Date	:16/01/2007	Address of Applicant :C-306 CRYSTAL PLAZA, ANDHERI LINK
(33) Name of priority country	:India	ROAD, ANDHERI (W), MUMBAI-400 053, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RASHMI JAIN
(87) International Publication No	:NA	2)BHARAT SHAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 9

(57) Abstract :

The present invention discloses a novel pharmaceutical oral dosage form of diphenhydramine hydrochloride in form of thin strip/film. Other pharmaceutical adjuvants to improve the properties of the film/strip is disclosed including adding sweeteners and flavours to suppress the bitterness of diphenhydramine hydrochloride. The very delicate dosage form requires special provision for manufacturing via specially designed apparatus and that is adopted in order to carry out the invention.

(54) Title of the invention : NOVEL PHARMACEUTICAL DOSAGES FORM, IN PARTICULAR, ORAL STRIP OR THIN FILM FORM OF ACTIVE DOMPERIDONE THROUGH THE NOVEL PROCESS FOR MANUFACTURING THE SAME

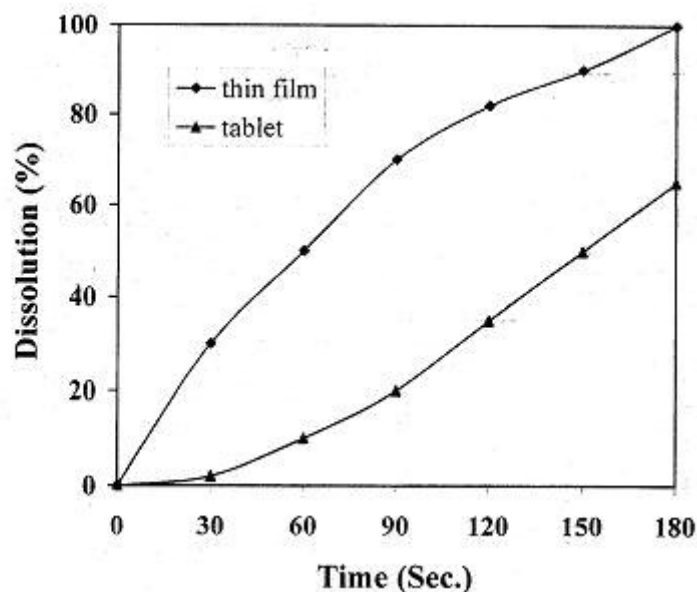
(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:87/MUM/2007	1)ANKUR DRUGS AND PHARMA LTD
(32) Priority Date	:16/01/2007	Address of Applicant :C-306 CRYSTAL PLAZA, ANDHERI LINK
(33) Name of priority country	:India	ROAD, ANDHERI (W), MUMBAI 400 053 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RASHMI JAIN
(87) International Publication No	: NA	2)BHARAT SHAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 9

(57) Abstract :

The present invention discloses a novel pharmaceutical oral dosage form of domperidone in form of thin strip/film. Other pharmaceutical adjuvants to improve the properties of the film/strip is disclosed including adding sweeteners and flavours to suppress the bitterness of domperidone. The very delicate dosage form requires special provision for manufacturing via specially designed apparatus and that is adopted in order to carry out the invention.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.859/MUM/2007 A

(19) INDIA

(22) Date of filing of Application :04/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : SPLASHLESS EUROPEAN COMMODE WITH INVISIBILITY/W.C./TOILET/SANITARY WARE AND INDIAN FLOOR MOUNTED TOILET PAN WITH INVISIBILITY

(51) International classification :A47K11/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHUJAUDDIN MOHAMMED SHEIKH
Address of Applicant :2/502, Sea Crest, Seven Bungalows, Versova
Beach Road, Andheri (West), Mumbai 400 061, Maharashtra India
2)SIRFARAZ SHUJAUDDIN SHEIKH
3)NOOR MOHAMMED SHUJAUDDIN SHEIKH
(72)Name of Inventor :
1)SHUJAUDDIN MOHAMMED SHEIKH
2)NOOR MOHAMMED SHUJAUDDIN SHEIKH
3)SIRFARAZ SHUJAUDDIN SHEIKH

No of Pages : 15

No of Claims : 7

(57) Abstract :

The invention relates to Sanitary Ware. More precisely the invention relates to a invisibility to seeing unpleasant site of human waste and dirty water lying inside the commode which one come across generally. As per the new invented design for the European type Splashless WC, Comprising of a commode with conventional seat and seat cover. The said commode curved bowl at its bottom opening is further extended at a distance away so as to bring out the 'P' trap and further it is also positioned at lower level in line with bottom curved surface of the bowl.

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.1952/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :08/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : SKYCITY - CITY PLANNING ARCHITECTURE

(51) International classification	:E01C 01/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2005/000240
Filing Date	:13/07/2005
(87) International Publication No	:WO/2007/007346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ARCKAL RAMACHANDRA SREEDHARA VADHYAR

Address of Applicant :VASORAM BUILDING, CONVENT ROAD,
ERNAKULAM, KOCHI - 682055, KERALA Kerala India

(72)**Name of Inventor :**

1)ARCKAL RAMACHANDRA SREEDHARA VADHYAR

No of Pages : 11

No of Claims : 3

(57) Abstract :

City planning architecture built above the ground level or above water level used for vehicular traffic or pathway with any type of buildings, park and entertainment amenities. The planning, structure is built on plurality of pillars above ground or water with path way containing foot paths and amenities for parking, the said architecture being such that on both sides of construction there are buildings. The construction is for commercial or business purposes the said business complex contain all modern facilities including a monorail system at the top of buildings for the purpose of transport.

(54) Title of the invention : UREA DERIVATIVE AND PROCESS FOR PREPARING THE SAME

(51) International classification	:C07C 275/34	(71)Name of Applicant :
(31) Priority Document No	:2003-381249	1)EISAI CO., LTD.
(32) Priority Date	:11/11/2003	Address of Applicant : 6-10, Koishikawa 4-chome, Bunkyo-ku Tokyo,
(33) Name of priority country	:Japan	1128088 Not Applicable Japan
(86) International Application No	:PCT/JP2004/016526	(72)Name of Inventor :
Filing Date	:08/11/2004	1)NAITO, Toshihiko
(87) International Publication No	:WO/2005/044788	2)YOSHIZAWA, Kazuhiro
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 17

(57) Abstract :

A process for preparing a compound (C) represented by the following formula: wherein R represents hydrogen, C16 alkyl or C3-8 cycloalkyl, and R represents hydrogen or methoxy, characterized by reacting a compound (A-I) represented by the following formula: wherein R1 has the same definition as above, with a compound (B) represented by the following formula: wherein R2 has the same definition as above, and L represents a leaving group, is provided. Compound (C) is effective for prevention or treatment of various diseases associated with angiogenesis neoplasia.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.480/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :05/02/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING INFORMATION SERVICES RELEVANT TO VISUAL IMAGERY

(51) International classification	:G03B 21/00
(31) Priority Document No	:60/606,282
(32) Priority Date	:31/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US/2005/031009
Filing Date	:30/08/2005
(87) International Publication No	:WO/2006/036442
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KUMAR GOPALAKRISHNAN
Address of Applicant :P O BOX 2002, MOUNTAIN VIEW, CA 94042,
USA Not Applicable U.S.A.
(72)**Name of Inventor :**
1)KUMAR GOPALAKRISHNAN

No of Pages : 76

No of Claims : 176

(57) Abstract :

METHOD AND SYSTEM FOR PROVIDING INFORMATION SERVICES RELEVANT TO VISUAL IMAGERY ABSTRACT A method and system for providing information services relevant to visual imagery7 is described, including performing an operation on a context constituent. Also described is generating a context to provide an information service relevant to visual imagery, including generating a context constituent, and forming the context by performing an operation, the context including the context constituent. Providing an information service is also described, including presenting the information service on a client user interface, displaying an attribute of the information service, and acquiring a user input and a sensor input.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :08/05/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : CEMENTITIOUS GYPSUM-CONTAINING BINDERS AND COMPOSITIONS AND MATERIALS MADE THEREFROM

(51) International classification	:C04B 07/04	(71)Name of Applicant :
(31) Priority Document No	:08/858,243	1)NATIONAL GYPSUM COMPANY
(32) Priority Date	:19/05/1997	Address of Applicant :2001 REXFORD ROAD, CHARLOTTE, NORTH CAROLINA 28211. U.S.A.
(33) Name of priority country	:Russia	(72)Name of Inventor :
(86) International Application No	:NA	1)STAV, ELISHA
Filing Date	:NA	2)BURKARD, EDWARD A
(87) International Publication No	: NA	3)FINKELSTEIN, RONALD S
(61) Patent of Addition to Application Number	:NA	4)WINKOWSKI, DANIEL A
Filing Date	:NA	5)METZ, LAMBERT J
(62) Divisional to to Application Number	:NA	6)MUDD PATRICK J
Filing Date	:NA	

No of Pages : 45

No of Claims : 52

(57) Abstract :

This invention relates to a cementitious binder comprising: (a) calcium sulfate hemihydrate; (b) a cement component comprising Portland cement; and (c) a third component comprising silica fume comprising up to 0.6 wt. percentage Al_2O_3 , and being at least about 92 wt. percentage amorphous SiO_2 .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :13/05/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A RUBBER COMPOSITION

(51) International classification	:C08 L 7/00	(71) Name of Applicant :
(31) Priority Document No	:793,145	1)CABOT CORPORATION
(32) Priority Date	:18/11/1991	Address of Applicant :STATE STREET
(33) Name of priority country	:Russia	BOSTON,MASSACHUSETTS 02109-1806 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TED W BUSH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 5

(57) Abstract :

The present invention relates to a rubber composition comprising 200 parts, by weight, of a rubber and from 10 to 250 by weight, of a carbon black having an I2No. of 48-58 mg/g; a CTAB of 45-55 m2/g; a Tint of 65-75%; a CDBP of 90-100 cc/100g; and a DBP of 122-132 cc/100g.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1014/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :15/10/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : A MACHINE FOR PRUNING OF MULBERRY PLANTS

(51) International classification	:A23N 17/00	(71) Name of Applicant : 1)CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE
(31) Priority Document No	:NA	Address of Applicant :MANANDAVADI
(32) Priority Date	:NA	ROAD,SRIRAMAPURA,MYSORE 570 008 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DR.SATISH VERMA
Filing Date	:NA	2)DR.R.K. DATTA
(87) International Publication No	: NA	3)MATHEW JOHN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 5

(57) Abstract :

A machine for pruning of mulberry plants comprising a frame adapted to a drive source such as a power tiller, a driven mechanism supported on said frame and coupled to the drive source, a rotatable cutting blade held to said frame and a rotatable support wheel held to said frame.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :22/10/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUGAR CANE HARVESTER

(51) International classification	:A01D 45/10	(71) Name of Applicant : 1)CLAAS SELBSTFAHRENDE ERNTEAMSCHINEN GMBH
(31) Priority Document No	:DE 298 17 799.4	Address of Applicant :MUNSTERSTRASSE 33, D-33428 HARSEWINKEL. Germany
(32) Priority Date	:06/10/1998	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)HILLRICH OTTEN
(86) International Application No	:NA	2)GUNTER LEIGERS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 5

No of Claims : 5

(57) Abstract :

A sugar cane harvester(1) has a cutting mechanism which utilizes pairs of cutting disks and does not require synchronization of the cutting disks(6). Each of the cutting disks (6) has a revolving cutter (6 1) mounted on its circumference. The cutters (6 1) are formed from saw-toothed, concatenated arcuate segments (6 11) which are removably mounted on the cutting disks (6). The arcuate segments (6 1) of each pair of cooperating cutting disks (6) overlap slightly where the two disks (6) meet and are slightly eccentrically arranged one the cutting disks (6) such that the external boundary line of the circumference of the segments tapers off from a maximum to a minimum.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :15/05/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : SILENCER

(51) International classification	:F01N007/02	(71)Name of Applicant :
(31) Priority Document No	:0567/96	1)SILENTOR A/S
(32) Priority Date	:15/05/1997	Address of Applicant :DANISH LIMITED COMPANY,
(33) Name of priority country	:Denmark	BALDESBUEEN 22,DK-2640 HEDEHUSENE Denmark
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SILENTOR A/S
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 19

(57) Abstract :

A silencer, for silencing and purification of exhaust gases, comprises an air-tight casing (1) connected to an exhaust inlet pipe (2) and to an exhaust outlet pipe (3) and contains at least two acoustic compartments (4i, 4ii) and one or more monolithic bodies (5) such as catalysers or particle filters through which exhaust gases flow in a flow direction in longitudinal channels or porosities, and one or more pipes or channels (6, 7), at least one pipe or channel penetrating one or more of the monolithic bodies (5) and guiding exhaust gases in a flow direction which is opposite to the flow direction in the channels or porosities of the monolithic body (5), and at least one of the pipes or channels (6, 7) connecting the at least two acoustic compartments (4i, 4ii). The general flow direction is preferably reversed substantially immediately upstream of a penetrated monolithic body (5) and substantially immediately downstream of either the same monolithic body (5) or of another penetrated monolithic body. Solid particles active for catalytic reduction of NO_x, or a spray of a liquid containing an aqueous solution of urea and/or ammonia, active for catalytic reduction of NO_x, may be injected into the exhaust gases to impinge on a catalytic layer (35, 36) applied on a baffle (13), an end cap (11, 12) or a flow element being arranged so that said particles and/or droplets impinge thereon.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.106/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :16/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR CONTINUOUS CASTING FOR PRODUCTION OF STRANDS AND CONTINUOUS CASTING PLANT FOR CARRYING OUT THE METHOD

(51) International classification	:B22D 11/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4,40237 DUSSELDORF Germany
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PROF DR FRITZ-PETER PLESCHIUTSCHNIGG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 29

(57) Abstract :

Method for continuous casting for production of strands, the cross-section of which is reduced during solidification in the manner that the casting is, in particular, in an oscillating chill mould and the strand cross-section is linearly reduced over a minimum length of the strand guiding means directly below the chill mould, i.e. direct strand reduction, and a non-linear strand cross-sectional reduction, for example in accordance with the square root function, i.e. soft reduction, is carried out subsequently over the remaining strand guidance at most up to directly before the liquid phase point and continuous casting plant for carrying out the method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.107/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :16/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND A CONTINUOUS CASTING PLANT FOR PRODUCING SLABS

(51) International classification	:B22D 11/11	(71) Name of Applicant : 1)SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT
(31) Priority Document No	:NA	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4,40237
(32) Priority Date	:NA	DUSSELDORF Germany
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)PROF DR FRITZ-PETER PLESCHIUTSCHNIGG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 15

(57) Abstract :

The present invention relates to a method and a continuous casting plant for producing slabs comprising a continuous casting mold, the method comprising carrying out only strand reduction in a first segment of a strand guiding means extending vertically immediately underneath the mold, carrying out bending of the strand through a plurality of bending points into an inner circular arc in another segment arranged immediately underneath the first segment, and return bending the strand into the horizontal through a plurality of return bending points prior to final solidification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1094/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :23/05/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD FOR GENERATING MODULATED DATA AND A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04J 011/00	(71)Name of Applicant : 1)QUALCOMM INCORPORATED
(31) Priority Document No	:08/654,443	Address of Applicant :6455 LUSK BOULEVARD,SAN
(32) Priority Date	:28/05/1996	DIEGO,CALIFORNIA 92121 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)JOSEPH P ODENWALDER
Filing Date	:NA	2)EDWARD G TIEDEMANN JR
(87) International Publication No	: NA	3)JOU YU-CHEUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 10

(57) Abstract :

The present invention relates to a method for generating modulated date and a wireless communication system. Demodulation of a received high rate CDMA wireless signal is obtained by filtering a complex received signal to provide a complex pilot filter signal. The complex pilot filter signal is then usato phase-adjust a set of demodulated subscriber channel signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1097/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :22/05/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : DIAMOND MARKING

(51) International classification	:B44 B 7/00	(71)Name of Applicant : 1)GERSAN ESTABLISHMENT
(31) Priority Document No	:9710738.7	Address of Applicant :AEULESTRASSE 5 , 9490 VADUZ ,
(32) Priority Date	:23/05/1997	Liechtenstein
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:NA	1)SMITH JAMES GORDON CHARTERS
Filing Date	:NA	2)STEWART ANDREW DAVID GARRY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 45

(57) Abstract :

The present invention relates to a method of marking the surface of gemstone , comprising forming a mark with a focused ion beam , wherein the mark is invisible to the naked eye.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1098/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :22/05/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02 F01/00	(71) Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., Address of Applicant :1006, KADOMA, KADOMA-SHI, OSAKA..
(31) Priority Document No	:HEI.9- 148427	Japan
(32) Priority Date	:23/05/1997	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MIKA GOMI
(86) International Application No	:NA	2)YOJI INOMATA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 27

(57) Abstract :

Without housing a bare chip type liquid crystal driver within a package, to surely shield or absorb the light which reaches the liquid crystal driver (107) so that erroneous display due to the photoelectric effect can be prevented. A light shielding tape (109) is affixed to the top surface of an upper panel (101) of a liquid crystal display panel (10) at an area which is opposite to the mounting area of a liquid crystal driver (107) mounted on the bottom surface of the upper panel (101). The light shielding tape (109) serves to shield the outer light incident on the liquid crystal driver (107). A diffusion sheet (40) composed of a light diffusing area (401) and a light absorbing area (402) located on the outer periphery thereof is arranged below the liquid display panel (10). The light diffusing area (401) serves to diffuse illumination light from a light source (202) to the liquid crystal display panel (10) and the light absorbing area (402) serves to absorb the extraneous light incident on the liquid crystal driver (107).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :02/01/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN IMAGING FORMING METHOD

(51) International classification	:G03G 9/08	(71)Name of Applicant :
(31) Priority Document No	:018203/1996	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:10/01/1996	Address of Applicant :3-30-2 SHIMOMARUKO,OHTA-KU,TOKYO
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MASAICHIRO KATADA
(87) International Publication No	: NA	2)TAKASHIGE KASUYA
(61) Patent of Addition to Application Number	:NA	3)KOBORI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 84

No of Claims : 22

(57) Abstract :

A toner for developing electrostatic images is constituted as a powdery mixture of toner particles, inorganic fine powder, resin fine particles, and metal oxide particles. The toner has a weight-average particle size of 4 - 12 μm and contains at most 30 % by number of particles having a particle size of at most 3.17 μm . The inorganic fine powder has an average primary particle size of 1 - 50 nm. The resin fine particles have an average particle size of 0.1 - 2 μm and a shape factor SF1 of at least 100 and below 150. The metal oxide particles have an average particle size of 0.3 - 3 μm and a shape factor SF1 of 150 - 250. The toner is effective for preventing toner sticking onto and ununiform abrasion of the electrostatic image-bearing member to allow the formation of high-quality images for along life.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.116/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :19/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : SEALED LEAD- ACID CELLS BATTERIES WITH RESTRAINTS FOR POSITIVE PLATE GROWTH

(51) International classification	:H01M 004/68	(71)Name of Applicant : 1)GNB TECHNOLOGIES INC
(31) Priority Document No	:08/786,530	Address of Applicant :1110 CENTRE POINTE CURVE,MENDOTA HEIGHTS,MINNESOTA 55118 U.S.A.
(32) Priority Date	:21/01/1997	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)EDWARD M MATTAN
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 28

(57) Abstract :

Sealed lead-acid cells are disclosed which include an internal cell restraint contacting the interior surface of the cover and positioned between the positive plates and the cover, the internal cell restraint cooperates with an external cell restraint, such as a coated metal face plate, to direct positive plate growth which occurs in service away from the cover, the features disclosed allowing plastic-to-plastic terminal post-cover seals to be used and allow cells of capacities of up to 2,000 Ampere Hours or more to be provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1160/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :08/06/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A FORMULATION FOR GASTROINTESTINAL ADMINISTRATION

(51) International classification	:A61K 31/04	(71)Name of Applicant :
(31) Priority Document No	:102 57 360.3	1)FRESENIUS KABI DEUTSCHLAND GMBH
(32) Priority Date	:09/12/2002	Address of Applicant :Else-Kroner-Strasse 1, 61352 Bad Homburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP03/12675	(72)Name of Inventor :
Filing Date	:13/11/2003	1)SCHNEIDER, Heinz
(87) International Publication No	:WO/04/052352	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 8

(57) Abstract :

The invention relates to a formulation for gastrointestinal administration, which is prepared from a composition comprising a)green tea extract and b)at least one NO donor, which is a substrate of NO synthetase and/or a precursor of said donor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :07/12/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR PRODUCING CARBON BLACK

(51) International classification

:C09C 1/48

(31) Priority Document No

:08/041389

(32) Priority Date

:01/04/1993

(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 to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CABOT CORPORATION

Address of Applicant :75 STATE STREET, BOSTON,
MASSACHUSETTS 02109-1806. U.S.A.

(72)Name of Inventor :

1)CHIUNG-HUEI SHICH

2)WILLIAM A.FARR

3)THOMAS E MCELWAIN

4)ROSCOE W. TAYLOR

5)WILLIAM A.FARR

6)GLENN E. DENSTAEDT

7)ROBERT R. JUENGEL

8)STEPHEN G. LAUBE

No of Pages : 31

No of Claims : 9

(57) Abstract :

The invention relates to a process for producing carbon blacks having a CTAB of greater than, or equal to, 140m²/g; a CDBP of greater than or equal to 135 percentage;a triangle D50 of less than or equal to 50nm; a Dmode less than or equal to 72nm; and an Occluded Volume Index greater than or equal to 1.30. Combustion gases are produced at a temperature to pyrolyze a carbon black yielding feed stock which is injected into the combustion gases at two points. 50-80 percentage by wt of the total amount of feed stock is injected at the second point. Carbon blacks prepared by this process imparts superior treadwear resistance and abrasion resistance to rubber compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1201/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :23/12/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : ON BOARD LUBRICATION SYSTEMS FOR LUBRICATING TOP OF RAIL FOR CARS & RAIL GAGE SIDE/WHEEL FLANGE FOR LOCOMOTIVES

(51) International classification	:B61 K 003/02	(71)Name of Applicant : 1)TRANERGY CORPORATION
(31) Priority Document No	:08/870,047	Address of Applicant :726 FOSTER AVE, BENSENVILLE,IL 60106
(32) Priority Date	:05/06/1997	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SUDHIR KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 9

(57) Abstract :

In railroad applications, a new method of simultaneously lubricating the rail gage side (RAGS) and wheel flanges ahead of a locomotive's tractive wheels and lubricating the top of the rail (TOR) behind the tractive wheels to reduce the resistance of the trailing cars and reduce the locomotive wheel flange wear. The method involves controlling both lubricating units with the same computer controller when a single locomotive is used and two controllers located in two different locomotives in the case of a locomotive consist. The rail gage side lubricant spray is applied on curves of 2 degrees or more only on the high rail. For the top of rail lubrication at the trailing end of the locomotive or locomotive consist this invention requires that the angle of the lubricant jet on the rail from the vertical be between 0 and 80 degrees from the vertical, with the angle increasing in the rear or trailing direction. It further requires that the lubricant jet be a solid jet without breaking into a spray cone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1203/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :03/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR PRODUCING STEEL FOR LARGE MOLDS

(51) International classification	:C22C 38/38	(71)Name of Applicant : 1)THYSSEN FRANCE SA
(31) Priority Document No	:97 07138	Address of Applicant :6, AVENUE GUTENBERG, 78310
(32) Priority Date	:04/06/1997	MAUREPAS FRANCE France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	1)ADRIEN JACQUES
Filing Date	:NA	2)REMI BERTRAND
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

The present invention concerns a method for producing steel for large molds. According to the invention, this steel is obtained by being melted in an electric furnace followed by a secondary metallurgical operation in a heating ladle, this operation being followed by a degassing under vacuum of less than 1 torr, in fact 0.2 torrs of a mixture having the following composition: Manganese 1 at 3%, silicon < 0.400%, phosphorus < 0.015%, chromium 1.50 at 3.5%, molybdenum 0.25 at 1%, niobium 0.100 -0.250%, 100 to 300ppm titanium or zirconium if necessary, copper < 0.300%, nickel < 0.300%, nitrogen < 80 ppm, oxygen < 80 ppm, calcium < 30 ppm, 15 to 50 ppm boron, 0.10 to 0.25% carbon, sulfur < 0.050%, aluminum < 250 ppm. The present invention concerns a method for producing steel for large molds. According to the invention, this steel is obtained by being melted in an electric furnace followed by a secondary metallurgical operation in a heating ladle, this operation being followed by a degassing under vacuum of less than 1 torr, in fact 0.2 torrs of a mixture having the following composition: Manganese 1 at 3%, silicon < 0.400%, phosphorus < 0.015%, chromium 1.50 at 3.5%, molybdenum 0.25 at 1%, niobium 0.100 -0.250%, 100 to 300ppm titanium or zirconium if necessary, copper < 0.300%, nickel < 0.300%, nitrogen < 80 ppm, oxygen < 80 ppm, calcium < 30 ppm, 15 to 50 ppm boron, 0.10 to 0.25% carbon, sulfur < 0.050%, aluminum < 250 ppm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1219/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :06/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR PREVENTING DEADLOCK IN A PUSH TALK DISPATCH SYSTEM

(51) International classification	:H 04 Q 07/28	(71)Name of Applicant : 1)QUALCOMM INCORPORATED ,
(31) Priority Document No	:08/669,778	Address of Applicant :6455 LUSK BOULAVARD , SAN DIEGO ,
(32) Priority Date	:26/06/1996	CALIFORNIA 92121 , U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)YU-DONG YAO ,
Filing Date	:NA	2)MATHEW S GROB ,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 14

(57) Abstract :

The present invention relates to a method and apparatus for preventing deadlock in a push talk system in order to prevent deadlock in a dispatch system wherein a set of remote units communicate with each other by broadcasting one at a time to the group, a base station receives a request to be system talker from a remote unit. The base station receives a grant to be system talker for the remote from a communications manager. The base station monitors a series of data from the remote unit to detect voice activity. The base station sends to the communications manager a surrogate request to desist as the system talker for the remote unit if the voice activity falls below a threshold.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.123/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :20/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN ELASTOMERIC RAIL PAD

(51) International classification	:E01B 9/68	(71) Name of Applicant :
(31) Priority Document No	:9705396.1	1)GLYNWED PIPE SYSTEMS LIMITED
(32) Priority Date	:14/03/1997	Address of Applicant :HEADLAND HOUSE,NEW COVENTRY
(33) Name of priority country	:U.K.	ROAD,AHALDON,BIRMINGHAM B26 3AZ,ENGLAND U.K.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THOMAS WILLIAM WILDGOOSE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 22

(57) Abstract :

The invention provides an elastomeric rail pad 1 of generally rectangular plan configuration, the pad having an upper face 2 adapted to underlie the lower face of a rail, and a lower face adapted to overly a concrete rail foundation member characterised in that the pad includes a reinforcement means 13 which is generally parallel to its mean plane and extends at least between dispositions associated with generally opposing corners of the generally rectangular pad, said reinforcing means having a tensile strength such as to resist, in use of the pad, forces from traffic passing across the rail disposed thereabove otherwise tending to stretch the pad in the mean plane thereof.

(54) Title of the invention : FUNGICIDAL MIXTURES COMPRISING TRIAZOLOPYRIMIDINE DERIVATIVE AND CARBOMATES

(51) International classification :A01N 43/90
 (31) Priority Document No :102 53 583.3
 (32) Priority Date :15/11/2002
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2003/012768
 Filing Date :14/11/2003
 (87) International Publication No :WO/2004/045289
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

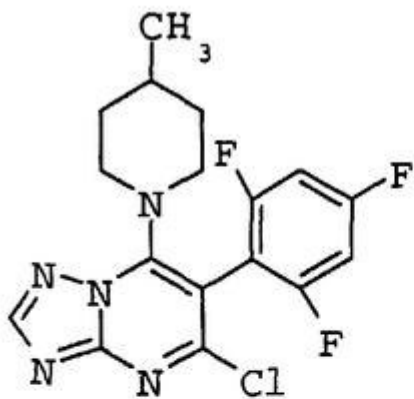
(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :D-67056 Ludwigshafen Germany
 (72)Name of Inventor :
1)TORMO I BLASCO, Jordi
2)GROTE, Thomas
3)AMMERMANN, Eberhard
4)STIERL, Reinhard
5)STRATHMANN, Siegfried
6)SCHOFEL, Ulrich

No of Pages : 16

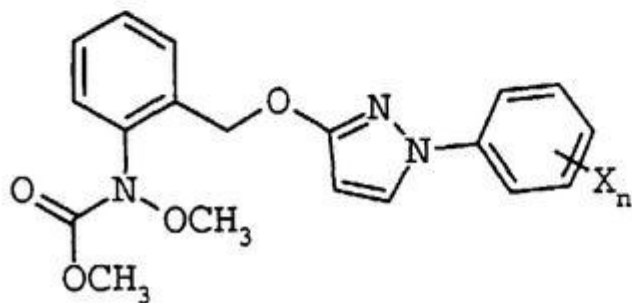
No of Claims : 6

(57) Abstract :

The invention relates to fungicidal mixtures containing A) the triazolopyrimidine derivative of formula (I), and B) carbamates of formula (II) wherein n represents 1 or 2, and X represents halogen, alkyl and halogenalkyl - the radicals X can differ from each other when n represents 2 in a synergistically effective quantity. The invention also relates to methods for controlling pathogenic fungi using mixtures of compounds I and II, to agents containing the same, and to the use of said compounds I and II for producing such mixtures.



(I)



(II)

(54) Title of the invention : FUNGICIDAL MIXTURES FOR CONTROLLING RICE PATHOGENS

(51) International classification :A01N 43/90
 (31) Priority Document No :102 53 587
 (32) Priority Date :15/11/2002
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2003/012776
 Filing Date :14/11/2003
 (87) International Publication No :WO/2004/045283
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :D-67056 Ludwigshafen Germany
 (72)Name of Inventor :
1)TORMO I BLASCO, Jordi
2)GROTE, Thomas
3)AMMERMANN, Eberhard
4)STIERL, Reinhard
5)STRATHMANN, Siegfried
6)SCHOFL, Ulrich

No of Pages : 13

No of Claims : 2

(57) Abstract :

Fungicidal mixtures for controlling rice pathogens, comprising, as active components, 1) the compound of the formula I, and 2) the compound of the formula II, in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II, the use of the compounds I and II for preparing such mixtures and compositions comprising these mixtures are described.



effective amount methods for

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1281/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :13/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A LEUCE VAT DYE COMPOSITION IN GRANULE FORM AND A PROCESS FOR FORMING THE SAME

(51) International classification	:C 09 B 67/28	(71)Name of Applicant : 1)BASF AKTIENGESSELLSCHAFT
(31) Priority Document No	:196 24 208.8	Address of Applicant :67056 LUDWIGSHAFEN , Germany
(32) Priority Date	:18/06/1996	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)MANFRED GANG
(86) International Application No	:NA	2)RUDOLF KRUGER
Filing Date	:NA	3)PETER MIEDERER
(87) International Publication No	: NA	4)EBERHARD BECKMANN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 11

(57) Abstract :

Granules comprising as essential constituents a leuco vat dye, an alkali metal hydroxide and a mixture of from 10 to 100 percentage by weight of an a-hydroxy-Cl-C4-alkylsulfonic acid, one of its salts or derivatives and from 0 to 90 percentage by weight of hydrosulfite as reductant, are prepared and used for dyeing cellulosic textile material.

(54) Title of the invention : MODIFIED COLORED PIGMENTS AND INK JET INKS, INKS AND COATINGS CONTAINING MODIFIED COLORED PIGMENTS

(51) International classification	:C 09 D 11/00	(71)Name of Applicant :
(31) Priority Document No	:08/663,707	1)CABOT CORPORATION ,
(32) Priority Date	:14/06/1996	Address of Applicant :75 STATE STREET , BOSTON ,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 02109-1806 , U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOSEPH E JOHNSON
(87) International Publication No	: NA	2)JAMES A BELMONT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 63

No of Claims : 77

(57) Abstract :

A modified colored pigment is described which comprises colored pigment having attached at least one organic group. The organic group comprises a) at least one aromatic group or a C1-C12 alkyl group and b) at least one ionic group, at least one ionizable group, or a mixture of an ionic group and an ionizable group. The aromatic group or the C1-C12 alkyl group of the organic group is directly attached to the pigment and the organic group is present at a treatment level of from about 0.10 to about 4.0 micromoles/m² of the carbon used based on nitrogen surface area of the carbon. Also described are aqueous and non-aqueous inks and coatings and ink jet ink compositions containing the modified colored pigment. A method to increase the flow of an ink, as measured by glass plate flow, by incorporating the modified colored pigment as part of the ink is also disclosed as well as a method to improve the waterfastness of a print imaged by an ink composition.

(54) Title of the invention : A POLYETHYLENE COMPOSITION WITH MULTIMODAL MOLECULAR MASS DISTRIBUTION AND TO A PROCESS FOR PRODUCING THE SAME

(51) International classification	:C08F 297/08
(31) Priority Document No	:102 59 491.0
(32) Priority Date	:19/12/2002
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2003/013868
Filing Date	:06/12/2003
(87) International Publication No	:WO/2004/056921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASELL POLYOLEFINE GMBH

Address of Applicant :Brühler Strasse, 50389 Wesseling Germany

(72)Name of Inventor :

1)BERTHOLD, Joachim

2)BOHM, Ludwig

3)KRUMPEL, Peter

4)MANTEL, Rainer

No of Pages : 15

No of Claims : 9

(57) Abstract :

The present invention relates to a polyethylene composition with multimodal molecular mass distribution, which has a density in the range from 0.955 to 0.960 g/cm³ at 23°C and an MFI190/5 in the range from 0.8 to 1.6 dg/min, and which comprises from 45 to 55 % by weight of a low-molecular-mass ethylene homopolymer A, from 20 to 35 % by weight of a high-molecular-mass copolymer B made from ethylene and from another I-olefin having from 4 to 8 carbon atoms, and from 20 to 30 % by weight of an ultrahigh-molecular-mass ethylene copolymer C, wherein all of the percentage data are based on the total weight of the composition. The invention also relates to a process for producing the same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1325/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :20/06/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR THE RECYCLING OF SOLID PHASE BONDED CTC-RESIN

(51) International classification	:C08F 8/20	(71)Name of Applicant :
(31) Priority Document No	:02028744.7	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:20/12/2002	Address of Applicant :124 Grenzacherstrasse, CH-4070 Basle
(33) Name of priority country	:EUROPEAN	Switzerland
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP03/14111	1)BARLOS, Kleomenis,D
Filing Date	:12/12/2003	2)KNIPP, Bernhard
(87) International Publication No	:WO/04/056883	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 8

(57) Abstract :

The present invention relates to a recycling process for the preparation of solid phase bonded 2-chlorotrityl chloride (2-CTC resin) useful for solid phase peptide synthesis. Specifically what is claimed is a process for the preparation of solid phase bonded 2-chlorotrityl chloride (2-CTC resin) of formula I, wherein Ps is a polymeric support and n has the following meaning: $1 \geq n > 0$ comprising the reaction of solid phase bonded 2-chlorotrityl of formula II, wherein R is OH or/and OC1-4-alkyl or/and NR'R' wherein R' and R' independently of each other represent C1-4-alkyl, or R' and R' together with the nitrogen to which they are bonded represent a 5 to 8 membered heterocyclic radical in the presence of a chlorinating agent and an organic solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1325/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : PACKAGING A STRIP OF MATERIAL

(51) International classification	:B65B 001/24	(71) Name of Applicant : 1)STAC PAC TECHNOLOGIES INC.
(31) Priority Document No	:08/878826	Address of Applicant :NO.1, HASTINGS, CHRISTCHURCH.
(32) Priority Date	:19/06/1997	Barbados
(33) Name of priority country	:Russia	(72) Name of Inventor :
(86) International Application No	:NA	1)LAWRENCE J O'CONNOR
Filing Date	:NA	2)DARRELL VAN MOL
(87) International Publication No	: NA	3)MARK B DAVIDSON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 52

(57) Abstract :

A package of a strip comprising a plurality of stacks each containing a strip which is folded back and forth such that each folded portion of the strip is folded relative to the next portion about a line transverse to the strip and such that the side edges of the folded strip portions are aligned; the strip being continuous through each stack from a top end portion of the strip at one end of the stack to a bottom end portion of the strip at an opposed end of the stack; characterized in that the stacks are parallel and arranged side by side for transportation together as a common package; both the top and bottom end portions of the strip of each stack are arranged in the package so as to provide a connecting portion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1332/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :19/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING HYDROGENATED RUBBERS

(51) International classification	:C08C 19/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)REPSOL QUIMICA S A ,
(32) Priority Date	:NA	Address of Applicant :PASEO DE LA CASTELLANA , 278-280 ,
(33) Name of priority country	:NA	28046 MADRID , Spain
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JUAN ANTONIO BARRIO CALLE
(87) International Publication No	: NA	2)MA DOLORES PARELLADA FERRER ,
(61) Patent of Addition to Application Number	:NA	3)MA JOSE ESPINOSA SORIANO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 7

(57) Abstract :

Process for producing hydrogenated rubbers which allows an easy and effective deactivation of the living polymer before the hydrogenation step. The deactivation of living polymer is carried out using compounds with very good solubility in water of formula R-OH , R-COOH or compound of type R'-n-Si-Cl4-n,R'-sn-Cl4-n, with n comprised between 0 and 3, extremes included; wherein R is a C2-C20 alkyl group optionally containing one or more polar functional groups selected from C-OH, COOH , and R' is a C,-C20 alkyl or C6_C20 aryl. The catalysts used in the hydrogenation of the deactivated polymer are titanocene compounds, being the most preferred those of formula Cp2 Ti (PhOCH3)2 and Cpl Ti (CH2PPh2)2.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1339/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :19/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR THE CATALYTIC HYDROGENATION OF BUTYNEDIOL TO BUTANEDIOL BY A TWO-STAGE METHOD

(51) International classification	:C 07 C 31/20	(71)Name of Applicant : 1)SK CORPORATION
(31) Priority Document No	:196 25 189.3	Address of Applicant :99 SEORIN-DONG , JONGRP-KU , SEOUL 110-110 , Republic of Korea
(32) Priority Date	:24/06/1996	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)LINDE AKTIENGESELLSCHAFT
(86) International Application No	:NA	2)YUKONG LTD
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 5

(57) Abstract :

Process for the catalytic hydrogenation of butynediol to butanediol by a two-stage method, where the 1 st stage is carried out in an agitating reactor with a suspended palladium supported catalyst and the 2nd stage is carried out in a fixed-bed reactor with a nickel supported catalyst. According to the invention a) the conversion from butynediol to butenediol in the 1st stage is essentially complete and the degree of conversion of the butenediol in the 1 st stage is 50 to 85%, preferably 70 to 80%, and b) the catalyst used in the 1st stage is a palladium-silver-aluminium-oxide supported catalyst. The catalyst used in the 2nd stage is a nickel supported catalyst with a small copper component.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :10/12/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : AGRAGAMI STATIC ALTERNATOR FOR GENERATION OF ELECTRICITY -A NEW METHOD OF GENERATION OF ELECTRICAL POWER

(51) International classification	:H02H	(71)Name of Applicant :
(31) Priority Document No	7/00	1)H.R SATHISH CHANDRA
(32) Priority Date	:NA	Address of Applicant :B-1, KHB COLONY, PUTTENHALLY,
(33) Name of priority country	:NA	YELAHANKA, BANGALORE-560 064 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)H.R SATHISH CHANDRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 3

(57) Abstract :

Any machine / machines or gadget / gadgets used for generating electrical power of any capacity, by using this novel, unique technology of bringing like poles or similar poles of any natural,permanent or electro magnets, either facing each other or together in any geometricalangle / angles, causing repulsive action, to cause heavy flux density or magnetic pressure and by disturbing the flux, by rotating or vibrating a common runner made of any material / materials and mounted on a high quality non magnetic material / materials in any geometrical angel / angles or any other means, with all the alternator / alternators, magnetically coupled and none mechanically, mounted or housed and covered by any high quality non magnetic material/materials, containing stationary armature core / cores, made up of an assembly of stampings of any magnetic material/materials, the armature core of any geometrical shape fixed firmly and I reserve the rights and claim over them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :19/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A CONTAINER FOR CONTAINING LIQUID FOR RECORDING

(51) International classification	:B41J 2/175	(71)Name of Applicant :
(31) Priority Document No	:198474/1992	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:24/07/1992	Address of Applicant :3-30-2 SHIMOMARUKO, OHTA-KU, TOKYO.
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MASAHIKO HIGUMA
(87) International Publication No	: NA	2)MASAMI IKEDA
(61) Patent of Addition to Application Number	:NA	3)NAOHITO ASAI
Filing Date	:NA	4)TSUTOMU ABE
(62) Divisional to to Application Number	:NA	5)TOSHIO KASHINO
Filing Date	:NA	6)SEIICHIRO KARITA

No of Pages : 23

No of Claims : 14

(57) Abstract :

The present invention relates to an ink jet cartridge includes a first chamber for accommodating a negative pressure producing material and provided with air communication part for communication with ambient air, wherein a part of the negative pressure producing material does not contain ink adjacent the air communication part; a second chamber which is substantially closed except for a fine communication part for communication with the first chamber at a position away from the air communication part, wherein the second chamber directly accommodates the ink to be supplied to the first chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1359/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :13/12/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A DRIVE MECHANISM FOR A MOTOR VEHICLE

(51) International classification	:B60K 41/00	(71)Name of Applicant : 1)T.V.S MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.8,HADDOWS
(32) Priority Date	:NA	ROAD, CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JABEZ DHINAGAR, S.
Filing Date	:NA	2)MOHAN GANGADURAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 2

(57) Abstract :

A drive mechanism for a motor cycle comprises a wheel hub and sprocket hub freely mounted on the axle shaft, said sprocket hub having a plurality of drive lugs, said lugs engaging with slots in a cushion, said cushion being placed within pockets in the wheel hub a sprocket wheel mounted on the sprocket hub by a one way clutch allowing trans mission of power in one direction, but not in the other, such that power is transmitted to the wheel hub through the cushion pocket in the forward drive direction, and no power is transm itted in the other direction, during torque reversal, when the one way clutch slips.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1359/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :20/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN INK COMPOSITION FOR USE IN INK JET PRINTING

(51) International classification	:C 09 D 11/02	(71)Name of Applicant :
(31) Priority Document No	:08/667,465	1)DOMINO PRINTING SCIENCES PLC,
(32) Priority Date	:21/06/1996	Address of Applicant :BAR HILL , CAMBRIDGE CB3 8TU , U.K.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)DR ASUTOSH NIGAM
Filing Date	:NA	2)DR JITENDER M KHURANA,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 14

(57) Abstract :

The present invention relates to an ink composition for use in ink jet printing comprising a binder, a colourant, a liquid vehicle and an adhesion promoter, characterised in that the adhesion promoter is an alkoxysilane polyalkylene- imine containing repeat units of the formula (I):

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1360/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :13/12/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A DRIVE MECHANISM FOR A MOTOR VEHICLE

(51) International classification	:F16D 41/064	(71) Name of Applicant : 1)T.V.S MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.8, HADDOWS
(32) Priority Date	:NA	ROAD, CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)JABEZ DHINAGAR, S.
Filing Date	:NA	2)MOHAN GANGADURAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 2

(57) Abstract :

A drive mechanism for a motor vehicle, provided with forward and reverse gear facility, comprising the said driven wheel fast mounted on the axle shaft; the housing loose mounted on the axle shaft allowing free rotation of the axle shaft; the muffcup connected to axle shaft by a two way clutch arrangement. said clutch consisting of a plurality of rollers arranged on the axle shaft and held in a slot, said roller also contacting the surface of the muff cup; a washer with a stopper projection held along with the said clutch by a spring; the stopper projection being engageable with a slot in the housing allowing limited angular movement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1371/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :22/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PLANT FOR DRY CLEANING BY REMOVING FLUORINE CONTAINING WASTE GASES

(51) International classification	:C25C 03/22	(71)Name of Applicant : 1)ABB FLAKT AB
(31) Priority Document No	:972973	Address of Applicant :120 86 STOCKHOLM Sweden
(32) Priority Date	:25/06/1997	(72)Name of Inventor :
(33) Name of priority country	:Norway	1)WEDDE GEIR
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 4

(57) Abstract :

A plant (1) for dry cleaning, by removing fluorine containing waste gases, from a reduction process in several electrolytic cells for aluminum, comprising: a central storing place (2) for aluminum oxide from which a piping system (3) distributes the aluminum oxide from the central storing place (2) to a plurality of decentralized cleaning plants (1), each decentralized cleaning plant (1) comprising a storage portion (2) to store aluminum oxide before and after use in the decentralized cleaning plant (1), in flow communication with a filter portion (4), the filter portion (4) using aluminum oxide to remove fluorine containing waste gases from a waste gas flow, and an exhaust fan (5) integrated with a top part of the filter portion (4) of each decentralized cleaning plant (1), wherein a separate silo is not employed, and each decentralized cleaning plant (1) is adapted to serve groups of between 5 and 40 electrolytic cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1393/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/04/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM, DEVICE AND METHOD FOR COLLABORATIVE ZAPPING

(51) International classification	:H04N7/16	(71)Name of Applicant :
(31) Priority Document No	:03103475.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/09/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/051743	1)SIMONS, David, P., L.
Filing Date	:13/09/2004	2)NIKOLOVA, Mariana, V.
(87) International Publication No	:WO/2005/029859	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 14

(57) Abstract :

The invention relates to a system of apparatuses for receiving content items, e.g. television sets, a method of controlling the apparatuses for receiving content items and a remote control unit for communicating with the apparatus for receiving content items. The system comprises selection control means (120, 130, 140) for controlling the apparatuses to select automatically the same content items for users having substantially the same user preferences. The selection control means may be located at the head-end of a cable network. The selection control means may comprise a selection control circuit (120), a user profiling unit (130) and/or an operator interface (140). Selection control data may be generated for transmission to the receivers, for example, by using a collaborative user profile for users with the same user preferences and EPG data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1397/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :25/06/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : EXHAUST MUFFLER

(51) International classification	:F 01 N 7/18	(71)Name of Applicant : 1)HONDA GIKEN KOGYO KABUSHIKI KAISHA , Address of Applicant :1-1 MINAMI-AOYAMA 2 CHOME , MINATO-KU , TOKYO , Japan
(31) Priority Document No	:8-181840	
(32) Priority Date	:11/07/1996	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)MASAAKI HAYAKAWA
(86) International Application No	:NA	2)HIROSHI MITSUYOSHI
Filing Date	:NA	3)YASUO MASUDA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 17

(57) Abstract :

An exhaust muffler comprising an outer cylindrical body, front and rear end plates mounted on each end of the outer cylindrical body, porous plates fitted on the insides of the outer cylindrical body and each of the end plates, and partition plates for dividing the internal space of the outer cylindrical body into several chambers, wherein when joining the component parts with each other, three or four component parts are superposed via their joint portions each on the other and integrally joined by laser beam welding so as to obtain a reduction of welding steps and minimize the thermal influence in the manufacturing process while ensuring an air-tight condition of the partitioned chambers. When an exhaust pipe and tail pipe are connected to the end plates, respectively, they are laser beam welded to the end plates in a superposed fashion. Alternatively, the outer cylindrical body is formed in a multiple-layered construction with inner and outer panels which are so formed integral with each other as to squeeze or press inwardly, when assembling, an internally installed unit over its fill periphery, thereby not requiring particular measures for fixedly securing the internally installed unit to the outer cylindrical body.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1426/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :26/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR CONVERTING C9+AROMATIC HYDROCARBONS TO LIGHTER AROMATIC PRODUCTS

(51) International classification	:C07C 05/22	(71)Name of Applicant :
(31) Priority Document No	:08/874,875	1)MOBIL OIL CORPORATION
(32) Priority Date	:13/06/1997	Address of Applicant :3225 GALLOWS ROAD FAIRFAX,VIRGINIA
(33) Name of priority country	:U.S.A.	22037-0001 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAMES HARDING BEECH,JR.
(87) International Publication No	: NA	2)STUART DAMON HELLRING
(61) Patent of Addition to Application Number	:NA	3)TERRY EUGENE HELTON
Filing Date	:NA	4)TIMOTHY FREDERICK KINN
(62) Divisional to to Application Number	:NA	5)SADI MIZRAHI
Filing Date	:NA	6)NORMAN JOSEPH ROULEAU

No of Pages : 14

No of Claims : 8

(57) Abstract :

A heavy aromatics feed is converted to lighter aromatics products, such as benzene, by contacting a C9+ aromatics fraction and toluene over a first catalyst comprising a zeolite having a constraint index ranging from 0.5 to 3 and a hydrogenation component, and a second catalyst composition comprising an intermediate pore size zeolite having a constraint index ranging from 3 to 12 and a silica to alumina ratio of at least 5, whereby the amount of coboilers is reduced or eliminated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1428/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :26/06/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN ELECTRICAL SENSOR CIRCUIT

(51) International classification	:G01D 1/18	(71) Name of Applicant :
(31) Priority Document No	:UK	1)SOLARTRON MOBREY LIMITED
(32) Priority Date	:27/06/1997	Address of Applicant :BYRON HOUSE, CAMBRIDGE BUSINESS
(33) Name of priority country	:U.K.	PARK, CAMBRIDGE CB4 4WZ, ENGLAND. U.K.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PAUL NIGEL RICHARDS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 11

(57) Abstract :

A circuit for controlling a fail-safe operation of measurement and control apparatus (not shown) such as is used in a steam raising plant to monitor the water level in a steam generation vessel includes a sensor 10 which comprises an electrode which in use is inserted into a water/steam column (not shown) to detect the presence or absence of water. Typical applications of such apparatus include low or high level alarms on steam drums, feed heaters, deareators and turbine water induction prevention systems on steam lines. The apparatus detects the presence or absence of water by making a measurement of the impedance experienced in a gap between an insulated tip of the electrode and a surface held at a reference voltage or else connected to ground. The impedance measured when water is present is considerably less than that measured when water is absent. The apparatus may be configured to provide an alarm when water is present and should not be, or vice versa.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1441/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :28/12/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A DEVICE FOR THE MANIPULATION, SECURING AND TOWING OF HELICOPTERS

(51) International classification	:B64G	(71)Name of Applicant :
(31) Priority Document No	1/22	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LTM BUSINESS UNIT, MOUNT
(33) Name of priority country	:NA	POONAMALLEE ROAD, POST BAG NO.990, CHENNAI. Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAGADIKERI KITTAPPA GOWDA HARISH
(61) Patent of Addition to Application Number	:NA	2)MADAN SIVA PRABU
Filing Date	:NA	3)ECHOOR SUBRAMANIAN KUMAR
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

The invention relates to a device for the purpose of securing helicopters after landing on the ship and to tow the helicopters into the hangar. The manipulator uses hydraulic operated linkage mechanism for approaching the helicopter landed anywhere within the grid area. The manipulator uses a swivel mechanism with sliding plate grease pockets, which avoids the use of bearings. The manipulator consists of a telescopic arm assembly with a steering mechanism for approaching the helicopter's rear wheel and to steer while traversing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1460/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :02/07/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PREPARING 1,2-DICHLOROETHANE BY DIRECT CHLORINATION

(51) International classification	:C 07 C 17/02	(71)Name of Applicant : 1)HOECHST AKTIENGESELLSCHAFT ,
(31) Priority Document No	:196 26 827.3	Address of Applicant :D-65926 , FRANKFURT AM MAIN , Germany
(32) Priority Date	:04/07/1996	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)PETER SCHWARZMAIER
(86) International Application No	:NA	2)INGOLF MIELKE ,
Filing Date	:NA	3)HELMUT GRUMANN ,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 12

(57) Abstract :

The preparation of 1,2-dichloroethane (EDC) is conducted by feeding ethylene and chlorine into circulating EDC (direct chlorination) in such a way that the reaction mixture boils, the heat of reaction being led off from the gas space.

(54) Title of the invention : A SUBSCRIBER UNIT AND METHOD FOR USE IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04Q 7/00	(71) Name of Applicant :
(31) Priority Document No	:08/886,604	1)QUALCOM INCORPORATED
(32) Priority Date	:01/07/1997	Address of Applicant :6455 LUSK BOULEVARD, SAN DIEGO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92121 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ODENWALDER, JOSEPH P.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 68

(57) Abstract :

A set of individually gain adjusted subscriber channels (AI BI CI Pilot) are formed via the use of a set of orthogonal subchannel codes (Walsh +- Walsh+---) having a small number of PN spreading chips per orthogonal waveform period. Data to be transmitted via one of the transmit channels is low code rate error correction encoded and sequence repeated before being modulated with one of the sub channel codes gain adjusted and summed with data modulated using the other subchannel codes. The resulting summed data (316) is modulated using a user long code and a pseudorandom spreading code (PN code) and up converted for transmission. The use of the short orthogonal codes provides interference suppression while still allowing extensive error correction coding and repetition for time diversity to overcome the Raleigh fading commonly experienced in terrestrial wireless systems. The set of sub-channel codes may comprise four Walsh codes each orthogonal to the remaining codes of the set. The use of four sub-channels is preferred as it allows shorter orthogonal codes to be used however, the use of a greater number of channels and therefore longer codes is acceptable. Preferably the pilot data and control data are combined onto one channel. The remaining two transmit channels are used for transmitting non-specified digital data including user data or signaling data, or both.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1516/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :07/07/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN ELECTRONIC SINGLE PHASE ENERGY METER

(51) International classification	:G01R 21/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI
(32) Priority Date	:NA	400001 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)JOHN PARAPPALLICHIRAYIL ZACHARIA
Filing Date	:NA	2)BIJU THOTTAKKATT ABRAHAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 7

(57) Abstract :

The present invention relates to an electronic single phase energy meter comprising a terminal block (1) with terminals for connecting phase (2), neutral (3) and load (5), a shorting link (4) for isolation of phase during testing characterized in that a shunt resistor (6) is connected between the phase terminal (2) and one of the load terminals for sensing the load current, a current transformer (7) in which both the line from phase terminal (2) and the line returning to neutral terminal (3) are passed through the central portion as primary, for providing a current transformer output proportional to the difference between the phase current and the return neutral current, the voltages across the shunt resistor and the current transformer output being connected to the input of a summation circuit (9), the output from the summation circuit (9) and voltage between phase and neutral are connected to an energy measuring means (10) providing output signals for recording energy consumed and meter tampering.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1527/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :09/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A VEHICULAR LIGHTING FIXTURE

(51) International classification	:F21 Q01/00	(71)Name of Applicant : 1)KOITO MANUFACTURING CO. LTD.
(31) Priority Document No	:HEI. 9- 184859	Address of Applicant :4-8-3 TAKANAWA, MINATO-KU, TOKYO 108. Japan
(32) Priority Date	:10/07/1997	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)HIROYUKI KAGEYAMA
(86) International Application No	:NA	2)SHIGEYUKI SOGA
Filing Date	:NA	3)FUJIIHIKO SUGIYAMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 6

(57) Abstract :

A vehicular lighting fixture having an improved appearance, wherein a lamp body and a lens are welded to each other and the inner face of the lamp body is subjected to a surface treatment. The vehicular lighting fixture (1) includes a lamp body (2) having a recess (3) with a front opening, a lens (8) attached to the lamp body (2) in such a manner as to cover the front opening, and a bulb(12)disposed in a lighting fixture space (10) defined by the lamp body (2) and the lens (8). The inner face (13) of the lamp body(2) is subjected to a surface treatment and the lamp body (2)and the lens (8) are connected with each other through their respective welding legs (6 and 9). A groove (7) is formed as a stepped portion inwarldy of the welding leg (6) formed on the lamp body (2) to position a masking jig which masks the welding leg of the lamp body from the surface treatment. Also, the width of the legs (6 and 9) are different from each other.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :13/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A DYE AND A PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification	:C09B 29/01	(71)Name of Applicant : 1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(31) Priority Document No	:1725/97	Address of Applicant :KLYNECKSTRASSE 141, 4057 BASEL.
(32) Priority Date	:15/07/1997	Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:NA	1)PAUL HERZIG
Filing Date	:NA	2)ANTOINE CLEMENT
(87) International Publication No	: NA	3)ALFONS ARQUINT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :

The present invention relates to a process for the preparation of a dye of formula (1), which comprises diazotising a compound of formula (2), in acid aqueous medium in the temperature range from - 10 to 30 degree C and coupling the diazonium compound so obtained to a coupling component of formula (3), in acid aqueous or aqueous organic medium in the temperature range from -10 to 30 degree C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1570/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :14/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A FILM HAVING AT LEAST ONE LAYER AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:C08J 05/18	(71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES INC
(31) Priority Document No	:60/055,902	Address of Applicant :WASHINGTON STREET, 1790 BUILDING,
(32) Priority Date	:15/08/1997	MIDLAND, MICHIGAN 48674 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SEEMA V KARANDE
Filing Date	:NA	2)LONNIE G HAZLITT
(87) International Publication No	: NA	3)PRADEEP JAIN
(61) Patent of Addition to Application Number	:NA	4)KAELYN D KOCH
Filing Date	:NA	5)SHIH-YAW LAI
(62) Divisional to to Application Number	:NA	6)LI-MIN TAU
Filing Date	:NA	

No of Pages : 66

No of Claims : 14

(57) Abstract :

The subject invention provides a film having at least one layer comprising an interpolymers of ethylene and at least one comonomer selected from the group consisting of C3-C20 α -olefins, dienes, and cycloalkenes, wherein the interpolymers is characterized as having a high degree of processability, good optical performance, and good mechanical properties. The subject invention further provides film fabrication processes and polymer compositions which are useful in preparing the subject films.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1579/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :15/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : CANTILEVERED CRANKSHAFT STIRLING CYCLE MACHINE

(51) International classification	:F02 G1/043	(71)Name of Applicant : 1)DEKA PRODUCTS LIMITED PARTNERSHIP
(31) Priority Document No	:60/052,535	Address of Applicant :340 COMMERCIAL ST, MANCHESTER, NEW HAMPSHIRE 03101. U.S.A.
(32) Priority Date	:15/07/1997	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)JOHN KERWIN
(86) International Application No	:NA	2)KINGSTON OWENS
Filing Date	:NA	3)MICHAEL NORRIS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 8

(57) Abstract :

A machine comprising an intake manifold for combining air and a fuel having an auto-ignition temperature in such a manner as to form an air-fuel mixture for combustion in a chamber having a combustion axis so as to heat a heater head of the machine, the air-fuel mixture having a flame speed, the intake manifold comprising a conduit having axial symmetry about the combustion axis, the conduit having an inlet and an outlet for conveying radially inwardly flowing air; a fuel injector for injecting fuel into the radially inwardly flowing air in such a manner that the air and fuel mix to form a air-fuel mixture having a flow speed which is above the flame speed of the air fuel mixture; and a bell-shaped throat having an inlet in fluid communication with the outlet of the conduit, the bell-shaped throat having an outlet, the bell-shaped throat further having a cross sectional area such that the cross sectional area of the throat remains constant from inlet to outlet.

(54) Title of the invention : MOBILE TELEPHONE HAVING A PLURALITY OF SIMCARDS ALLOCATED TO DIFFERENT COMMUNICATION NETWORKS

(51) International classification	:H04M	(71)Name of Applicant :
	1/60	1)SOMASUNDARAM RAMKUMAR
(31) Priority Document No	:NA	Address of Applicant :OLD NO:15/2, NEW NO:28, SOUTH STREET.
(32) Priority Date	:NA	TALLAKULAM, MADURAI-625 002 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SOMASUNDARAM RAMKUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 20

(57) Abstract :

A mobile phone is to be incorporated with a provision for a plurality of current simcards and / or modified simcards, a plurality of current simsockets and / or modified simsockets for accepting a plurality of current simcards and / or modified simcards, a plurality of headphone/earphone jacks for accepting a plurality of headphone/earphone plugs and / or a plurality of bluetooth devices in order to operate simultaneously the said mobile phone in said different communication networks is presented, and a plurality of incoming and / or outgoing calls can be communicated simultaneously with the said respective simcards. A modified simcard having a reduced format is used, such that less space is used when a plurality of said modified simcards are inserted in the modified simsockets of the mobile phone. The mobile phone employs means to provide a conference of voice signals in order to simultaneously enable more than one persons to participate in the communication when using said mobile phone. Said conference can be included in the mobile phone or can alternatively be incorporated in an external adapter connected to said mobile phone, wherein a plurality of headsets can be connected to said adapter and / or the plurality of bluetooth headsets can transceive the signals with the said mobile phone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1628/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :21/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A TONER COMPOSITION CONTAINING POSITIVELY CHARGEABLE MODIFIED PIGMENTS

(51) International classification	:G03G 9/09	(71)Name of Applicant :
(31) Priority Document No	:08/897,446	1)CABOT CORPORATION
(32) Priority Date	:22/07/1997	Address of Applicant :75 STATE STREET, BOSTON,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 02109-1806. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHARLES B LITTLE
(87) International Publication No	: NA	2)JAMES A BELMONT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 22

(57) Abstract :

A toner composition is disclosed which contains modified pigment particles having attached organic groups and styrenic polymer-based resin particles. The organic groups which are attached to the pigment particles are positively chargeable. Developer compositions containing the toner compositions of the present invention and methods of imaging are also described which use the toner compositions of the present invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/05/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND RECORDING APPARATUS FOR RECORDING INFORMATION ON A MULTI-LAYER DISC

(51) International classification	:G11B 7/00
(31) Priority Document No	:03103778.1
(32) Priority Date	:13/10/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/052058
Filing Date	:12/10/2004
(87) International Publication No	:WO/2005/036537
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BRONDIJK, Robert, A.

No of Pages : 14

No of Claims : 5

(57) Abstract :

The invention relates to a method and apparatus for recording information on a multi-layer record carrier, especially a dual layer disc. By recording control information in a control information zone (311,312, 321,322) before recording user information after a layer jump, it is ensured that all user information can be read and recorded reliably, while the storage capacity of the record carrier for storing user information is not reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1665/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :27/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : GRID SYSTEM FOR OBJECTIVELY ESTIMATING THE AREA OF RETINAL ISCHEMIA ON FUNDUS FLUORESCEIN ANGIOGRAPHY OF EYES.

(51) International classification	:G02C 007/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IRVATHUR VITTAL NAYAK
(32) Priority Date	:NA	Address of Applicant :HARI-OM, 1656, 10TH MAIN, HAL 3RD
(33) Name of priority country	:NA	STAGE, BANGALORE-560 075. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IRVATHUR VITTAL NAYAK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 2

(57) Abstract :

Grid system for objectively estimating the area of retinal ischemia on fundus fluorescein angiography of eyes, comprises a pair of grids, one of the grids meant for inspection of the right eye and another, for inspection of the left eye, the said right eye grid and left eye grid are detachably attached by a fastening system and further held in position in a plastic pouch such that by super imposing one grid on the angiogram it is . possible to assess objektivly the area of non-perfusion in the eye.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1675/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :28/07/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A LIQUID ESTER COMPOSITION

(51) International classification	:C07C 69/78	(71)Name of Applicant : 1)VELSICOL CEMICAL CORPORATION
(31) Priority Document No	:08/904,049	Address of Applicant :10400 WEST HIGGINS ROAD, ROSEMONT, ILLINOIS 60018 U.S.A.
(32) Priority Date	:31/07/1997	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)WILLIAM DAVID ARENDT
(86) International Application No	:NA	2)THOMAS JOSEPH BOHNERT
Filing Date	:NA	3)MARK STEPHEN HOLT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 9

(57) Abstract :

The present invention relates to a liquid ester composition comprising 1)a first diester of the formula $\text{ArC(O)(OCH}_2\text{CH}_2)_2\text{O(O)CAr}$ and 2)a second diester of the formula $\text{ArC(O)(OCH}_2\text{CH}_2)_3\text{O(O)CAr}$; wherein Ar represents a phenyl or methylphenyl radical, and the freezing point of said composition is below the freezing points of said first and second diesters.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :28/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A REFRACTORY WALL STRUCTURE

(51) International classification	:C21B 7/10	(71)Name of Applicant :
(31) Priority Document No	:NL-1005114	1)HOOGO VENS STAAL BV
(32) Priority Date	:29/01/1997	Address of Applicant :P O BOX 10000, 1970 CA IJMUIDEN.
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VANLAAR JACOBUS
(87) International Publication No	: NA	2)TIJHUIS, GERARDUS JOZEF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 20

(57) Abstract :

A refractory wall structure, suitable in particular for use in a metallurgical vessel for a continuous production of crude iron in a smelting reduction process under conditions of an extremely high thermal load in a highly abrasive environment of molten slag with a high FeO content, comprising, going from the outside to the inside, a steel jacket; a water-cooled copper wall; water-cooled copper ledges extending towards the inside; a lining of refractory material resting on the ledges.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :03/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : HIGH STRENGTH AL-MG-ZN-SI ALLOY FOR WELDED STRUCTURES AND BRAZING APPLICATION

(51) International classification :C01F1/00 (31) Priority Document No :97202366.7 (32) Priority Date :04/08/1997 (33) Name of priority country :EUROPEAN UNION (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)HOOGO VENS ALUMINIUM WALZPRODUCKTE GMBH, Address of Applicant :CARL-SPAETER-STRASSE 10 56070 KOBLENZ,GERMANY Germany 2)HOOGO VENS ALUMINIUM PROFILTECHNIK GMBH (72)Name of Inventor : 1)HASZLER,ALFRED JOHANN PETER 2)SAMPATH,DESIKAN

No of Pages : 19

No of Claims : 12

(57) Abstract :

High Strength Al-Mg-Zn-Si alloy for welded structures and brazing application The present invention relates to aluminium- magnesium- zinc -silicon alloy preferably in the form of a plate or a sheet or an extrusion, having the following composition in weight percent: Mg 0.5-1.5 ZN 0.1 -3.8 Si 0.05 -1.5 Mn 0.2-0.8 Zr 0.05- 0.25 Cr 0.3 max. Cu <0.3 Fe 0.5 max. Ag 0.4 max. Ti 0.2 max. Balance Al and inevitable impurities.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1784/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A VIDEO RECORDING APPARATUS AND METHOD OF OPERATION THEREFOR

(51) International classification	:H04N 5/76	(71)Name of Applicant :
(31) Priority Document No	:03100235.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/02/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050029	1)BARVINKO, Pavlo
Filing Date	:16/01/2004	2)KONIECZNY, Pawel, A.
(87) International Publication No	:WO/2004/071082	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 17

(57) Abstract :

The invention relates to a video recording apparatus (100) comprising a selection unit (101) for selecting between a first input (103) for receiving a first input signal and a second input (105) for receiving a second input signal of a different type. The first input signal is typically an analogue signal and the second input signal is a digital DV signal. The video recording apparatus (100) further comprises a first controller (129) for operating the video recording apparatus (100) in a first operating mode and a second controller (131) for operating in a second operating mode having different functionality. An input signal detector (127) detects if a signal is present on the second input and if so activates the second controller (131). Otherwise the first controller (129) is activated. Hence, the video recording apparatus (100) operates in different operating modes dependent on whether an input signal is detected on the second input (105).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1790/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :07/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PHASE COMPENSATION IN A VEHICLE CONTROL SYSTEM

(51) International classification	:G02B 6/02	(71) Name of Applicant :
(31) Priority Document No	:SE	1)SAAB AB
(32) Priority Date	:13/08/1997	Address of Applicant :SE-581 88 LINKOPING Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:NA	1)CHRISTIAN BUCK
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 9

(57) Abstract :

The present invention relates to a method and a device for executing phase compensation in a control system of a motor-driven vehicle, in which the time derivative for an output signal (y) from a circuit (1) contained in the control system is limited relative to the time derivative for an input signal (u) to the circuit (1) if the time derivative for the input signal (u) exceeds a predetermined value. An error signal (8) is formed between the output signal (y) and a signal (x) present in the circuit (1), the time derivative of which is not limited in relation to the time derivative for the input signal (u). The error signal (8) is filtered via an asymptotically stable filter (3) to form a signal (&), which is fed back and subtracted from the input signal (u) of the circuit (1) to form the signal (x). A conventional rate limiter may be used to form the output signal (y) from the signal (x). (Fig. 2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1800/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR PROTECTING INFORMATION CARRIER COMPRISING AN INTEGRATED CIRCUIT

(51) International classification	:G06F1/00,G07F7/00	(71)Name of Applicant :	
(31) Priority Document No	:03103931.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.	
(32) Priority Date	:23/10/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven	
(33) Name of priority country	:EUROPEAN	Netherlands	
	UNION	(72)Name of Inventor :	
(86) International Application No	:PCT/IB2004/052125	1)KAHLMAN, Josephus, A., H., M.	
Filing Date	:18/10/2004	2)AKKERMANS, Antonius, H., M.	
(87) International Publication No	:WO/2005/041000		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 11

No of Claims : 11

(57) Abstract :

The invention relates to an information carrier comprising a integrated circuit (1) representing a physical unclonable function. To make the integrated circuit more secure it is proposed that it comprises: an input means (7) for receiving a challenge signal for challenging said integrated circuit (1), a response signal providing means (2) for providing a response data signal in response to said challenge data signal, an output means (8) for outputting said response data signal, and a delay means (3, 5, 9-12) for delaying and/or prohibiting the provision and/or the output of said response data signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1804/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :10/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUPPORTING STRUCTURE OF FLOATING CHASIS OF DISC APPARATUS

(51) International classification	:G11B 17/04	(71)Name of Applicant : 1)KABUSHIKI KAISHA KENWOOD
(31) Priority Document No	:9-242152	Address of Applicant :14-6 DOUGENZAKA 1-CHOME SHIBUYA-
(32) Priority Date	:22/08/1997	KU, TOKYO 150-0043. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSUKE HAGA
Filing Date	:NA	2)TSUTOMU IMAI
(87) International Publication No	: NA	3)TAKEHARU SASADA
(61) Patent of Addition to Application Number	:NA	4)SHINJI MASUDA
Filing Date	:NA	5)ATUOMI ONO
(62) Divisional to to Application Number	:NA	6)MIDORI MURAKAMI
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract :

A floating chassis support mechanism is provided which can thin a disc reproduction apparatus. In the floating chassis support mechanism for a disc reproduction apparatus for supporting a floating chassis (3) with springs and dampers (4) vertically from the opposite side of a loaded disc (15), the damper (4) is disposed outside of a projection area of the disc, and an area of the floating chassis (3) supported by the dampers (4) is retracted toward the disk side more than a lower surface of the disc (15).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1805/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :10/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : DISC CLAMP MECHANISM FOR DISC APPARATUS

(51) International classification	:G11B 17/04	(71)Name of Applicant : 1)KABUSHIKI KAISHA KENWOOD
(31) Priority Document No	:9-273540	Address of Applicant :14-6 DOUGENZAKA 1-CHOME SHIBUYA-
(32) Priority Date	:19/09/1997	KU,TOKYO 150-0043 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSUKE HAGA
Filing Date	:NA	2)TAUTOMU IMAI
(87) International Publication No	: NA	3)TAKEHARU SASADA
(61) Patent of Addition to Application Number	:NA	4)SHINJI MASUDA
Filing Date	:NA	5)ATUOMI ONO
(62) Divisional to to Application Number	:NA	6)MIDORI MURAKAMI
Filing Date	:NA	

No of Pages : 16

No of Claims : 20

(57) Abstract :

In the disc clamp mechanism, a disc (7) is clamped or unclamped by moving a clamper holding chassis (1) near to or remote from a turntable, the clamper holding chassis (1) holding a clamper (8) with a clamper holder (2), and a contact portion of the clamper holder (2) with the clamper (8) is deformed relative to the clamper holding chassis (1) along a motion direction of the clamper holding chassis (1). A large space can be formed between the clamper (8) and a turntable (4) in a disc unclamp state to prevent the disc from becoming in contact with the clamper (8) or turntable (4) and being damaged while the disc (7) is transported. A stroke of the clamper holding chassis (1) necessary for reserving the space is made small to make a disc apparatus compact.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1860/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :08/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : AUDIO CODING

(51) International classification	:G10L 19/00
(31) Priority Document No	:03100278.5
(32) Priority Date	:11/02/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050085
Filing Date	:09/02/2004
(87) International Publication No	:WO/2004/072956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BREEBAART, Dirk, J.
2)OOMEN, Arnoldus, W., J.

No of Pages : 17

No of Claims : 16

(57) Abstract :

Parametric stereo coders use perceptually relevant parameters of the input signal to describe spatial properties. One of these parameters is the phase difference between the input signals (ITD or IPD). This time difference only determines the relative time difference between the input signals, without any information about how these time differences should be divided over the output signals in the decoder. An additional parameter is included in the encoded signal that describes how the ITD or IPD should be distributed between the output channels. To this goal the delay between a computed monaural signal and one of the input signals is used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1881/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :20/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : AGGLOMERATED ZEOLITIC ADSORBANTS AND PROCESS FOR THEIR PREPARING THE SAME

(51) International classification	:B01D 53/02	(71)Name of Applicant : 1)CECA S.A
(31) Priority Document No	:97 10535	Address of Applicant :4&8COURS MICHELET,F-92800 PUTEAUX
(32) Priority Date	:21/08/1997	France
(33) Name of priority country	:France	2)INSTITUT FRANCAIS DU PETROLE
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DOMINIQUE PLEE
(87) International Publication No	: NA	2)ALAIN METHIVIER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 16

(57) Abstract :

Agglomerated zeolite adsorbents and a process for their preparation The present invention relates to Agglomerated zeolite adsorbents comprising at least 70% of faujasite with an Si/Al atomic ratio such that $1 \leq \text{Si/Al} \leq 1.15$, in which the exchangeable sites are at least 70% occupied by barium ions (the remainder generally being made up of alkali metal ions or alkaline-earth metal ions other than barium) and agglomerated with a binder and which adsorbents have a loss on ignition, measured at 900°C, of between 4.0 and 7.7%.

(54) Title of the invention : WEIGHT PREDICTION FOR CLOSED-LOOP TRANSMIT DIVERSITY

(51) International classification	:H04B 7/06	(71)Name of Applicant :
(31) Priority Document No	:10/364,638	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/02/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/003903	(72)Name of Inventor :
Filing Date	:09/02/2004	1)JOOTAR, Jittra
(87) International Publication No	:WO/2004/073207	2)SHIU, Da-shan
(61) Patent of Addition to Application Number	:NA	3)SUBRAHMANYA, Parvathanathan
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 28

(57) Abstract :

Techniques for predicting weights used for closed-loop transmit diversity. In a channel prediction scheme, channel gains for multiple transmit antennas are initially estimated (e.g., based on pilots received from these antennas) and used to derive predicted channel gains for a future time instant. The predicted channel gains are then used to derive predicted weights that are deemed to be 'optimal' at the future time instant. Optimality may be determined based on one or more criteria, such as maximizing a received SNR for the received signals. In a weight prediction scheme, the channel gains for the multiple antennas are estimated and used to compute optimal weights for the current time instant. The current optimal weights are then used to predict the optimal weights at the future time instant. For both schemes, the prediction may be performed based on an adaptive filter (e.g., LMS or RLS filter) or a non-adaptive filter.

(54) Title of the invention : IMAGING SYSTEM FOR A PASSENGER BRIDGE OR THE LIKE FOR DOCKING AUTOMATICALLY WITH AN AIRCRAFT

(51) International classification :B64F 1/00
 (31) Priority Document No :2,373,669
 (32) Priority Date :27/02/2002
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2003/000268
 Filing Date :26/02/2003
 (87) International Publication No :WO/2003/072435
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)INDAL TECHNOLOGIES INC
 Address of Applicant :3570 Hawkestone Road, Mississauga, Ontario
 L5C 2V8 Canada
 (72)Name of Inventor :
1)SPENCER, Derwin, C.
2)UNNA, Ohad, I.

No of Pages : 47

No of Claims : 25

(57) Abstract :

A method of identifying the position of an opening, for example a door or a cargo bay, or the like of an aircraft, said opening having a predetermined perimeter; said method comprising: i) providing at least one passive target means (10, 11) proximate the perimeter of said opening and preferably being disposed proximate the perimeter of said opening, and when said opening is a door proximate the four corners of said door, and in another embodiment said target means is provided as a cluster of targets for example, at least one target located proximate each corner of said door; ii) directing a preferably pulsing lighting means (30) on said target (10, 11), preferably a passive reflective target such as that manufactured by the 3M company under the trademark Scotchlite® in one embodiment being in the invisible spectrum such as infrared or the like; iii) providing a target identification means and preferably at least one camera (20) and preferably a digital camera synchronized with said lighting means (30) and preferably housed together with said light to provide raw data, preferably images to a computing means; iv) computing means for receiving information from said target identification means and preferably at least one camera to process said information (in one embodiment provide enhanced images) and compare it to information stored in the computing means and thereby determine further action which might be taken based on the identification of the position opening.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :16/02/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : WELDING WIRE AND AND METHOD OF MAKING SAME

(51) International classification	:B23K 35/02	(71) Name of Applicant : 1)LINCOLN GLOBAL INC
(31) Priority Document No	:09/024,392	Address of Applicant :22801 ST.CLAIR AVENUE, CLEVELAND,
(32) Priority Date	:17/02/1998	OHIO 44117-1199 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)GEORGE D.BLANKENSHIP
Filing Date	:NA	2)EDWARD A.ENYEDY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 56

(57) Abstract :

The invention relates to a welding wire for use in electric arc welding, said wire having an effective outer diameter and comprising a length of solid metal formed into a series of dis-inct segments each having a selected volume and joined together by interconnecting bridging elements, with the cross sectional area of said solid metal at said segments'being grater than the cross sectional area of said solid metal at said bridging elements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :25/08/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS OF PREPARING A COUPLED POLYMER AND TO AN ARTICLE MADE THEREFROM

(51) International classification :C08K 5/43
(31) Priority Document No :60/057,582
(32) Priority Date :27/08/1997
(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 to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE DOW CHEMICAL COMPANY
Address of Applicant :2030 DOW CENTER,MIDLAND,MICHIGAN
48674 U.S.A.
(72)**Name of Inventor :**
1)WENDY D HOENIG
2)TERESA KARJALA
3)KALYAN SEHANOBISH
4)LI-MIN TAU
5)CLARK H CUMMINS
6)MICHAEL J MULLINS
7)H CRAIG SILVIS

No of Pages : 47

No of Claims : 11

(57) Abstract :

A process of preparing a coupled polymer and to an article made therefrom The present invention relates to a process of preparing a coupled polymer, the process comprising heating an admixture containing (1) at least one ethylene polymer or blend of ethylene polymers having a density of at least 0.89 g/mL and less than 0.935 g/mL and a comonomer content between 0.5 and 50 weight percent of an alpha olefin having greater than 2 and less than 20 carbon atoms per molecule and a coupling amount of at least one poly(sulfonyl azide) to at least the decomposition temperature of the poly(sulfonyl azide) for a period sufficient for decomposition of at least 80 weight percent of the poly(sulfonyl azide) and sufficient to result in a coupled polymer, wherein coupling is indicated by a viscosity change at a shear frequenc of 0.1 rad/sec. of greater than 5%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : OUTER-LOOP POWER CONTROL FOR WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:60/448,269	1)QUALCOMM, Incorporated
(32) Priority Date	:18/02/2003	Address of Applicant :5775 Morehouse Drive, San Diego, California
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US04/04792	(72)Name of Inventor :
Filing Date	:18/02/2004	1)WEI, Yongbin
(87) International Publication No	:WO/04/077726	2)CHEN, Tao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 41

(57) Abstract :

Systems and methods for controlling power in a wireless communication system having multiple reverse-link channels. One embodiment comprises adjusting power levels of a first set of channels and a corresponding pilot channel while maintaining a set traffic-to-pilot (T/P) ratio between them, and adjusting T/P ratios for one or more remaining channels independently of the power level of the pilot channel. A base station determines whether frames received on the first set of channels contain errors and sends messages to a mobile station to increment or decrement the power levels, respectively, if the frames do or do not contain errors. T/P ratios of the additional channels are adjusted by determining whether frames received on the additional channels contain errors, incrementing or decrementing the T/P ratios appropriately, and transmitting the T/P ratios to the mobile station, which controls the transmission parameters for the respective channels in accordance with the received T/P ratios.

(54) Title of the invention : CONGESTION CONTROL IN A WIRELESS DATA NETWORK

(51) International classification	:H04Q 7/38
(31) Priority Document No	:60/448,269
(32) Priority Date	:18/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/004788
Filing Date	:18/02/2004
(87) International Publication No	:WO/2004/075596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121.

U.S.A.

(72)Name of Inventor :

1)SARKAR, Sandip

No of Pages : 53

No of Claims : 51

(57) Abstract :

Techniques for congestion control are disclosed. In one embodiment, a base station allocates (350) a shared resource using a combination of zero or more individual grants and zero or more common grants, and generates a busy signal (370) in response to loading conditions that exceed a pre-determined level. In another embodiment, a subset of transmitting mobile stations reduce their transmission rate in response to a busy signal. The subset may include autonomous transmission, commonly granted transmission, individually granted transmission, or any combination thereof. In various embodiments, rate adjustment may be probabilistic or deterministic. In one embodiment, a rate table (1000) is deployed, and a mobile station decreases or increases the transmission rate from one rate in the table to a lower or higher rate in the table, respectively, in response to the busy signal. Various other aspects are also presented. These aspects have the benefit of providing efficient congestion control, avoiding excessive interference and increasing capacity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :10/03/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR SECURING A YOKE TO A TUBE USING MAGNETIC PULSE WELDING TECHNIQUES

(51) International classification	:B23K 20/00	(71)Name of Applicant : 1)DANA CORPORATION
(31) Priority Document No	:60/362,215	Address of Applicant :3222 WEST CENTRAL AVENUE, TOLEDO,
(32) Priority Date	:06/03/2002	OHIO. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)BORIS A. YABLOCHNIKOV
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

A magnetic pulse welding operation is performed to secure first and second metallic components together, such as a yoke and a driveshaft tube in a vehicular driveshaft assembly. The yoke includes a first portion, such as a body portion, and a second portion, such as a pair of opposed yoke arms. The end of the driveshaft tube is disposed co-axially about the overlapping portions of the end of the driveshaft tube and the body portion of the yoke. The inductor is energized to perform a magnetic pulse welding operation to secure the end of the driveshaft tube to the body portion of the yoke without generating a significant flow of air toward the inductor.

(54) Title of the invention : SHOT-CUT DETECTION

(51) International classification	:H04N 5/14	(71)Name of Applicant :
(31) Priority Document No	:03100419.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/02/2003	Address of Applicant :Gronewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050111	1)ERNST, Fabian, E.
Filing Date	:13/02/2004	2)NESVADBA, Jan, A., D.
(87) International Publication No	:WO/2004/075537	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 14

(57) Abstract :

A method of detecting a shot-cut in a sequence of video images on basis of a first set of segments (S1n-1, S2n-1, S3n-1 and S41-1) and a second set of segments (S1n, S2n, S3n and S4n) being determined by means of segmentation, comprises: creating a third set of segments (S1n, S2n-1, S3n-1 and S4n-1) on basis of the first set of segments (S1n-1, S2n-1, S3n-1 and S4n-1); computing a consistency measure C(n -1, n) on basis of a number of values representing overlap (A,ij) between respective pairs of segments, each pair off segments comprising one of the segments (Sjn-1) of the third set of segments and one of the segments (Sin) of the second set of segments; and comparing the consistency measure (C(n -1, n)) with a predetermined threshold (Tc,) and establishing that the shot-cut is detected if the consistency measure (C(n -1, n)) is below the predetermined threshold (Tc).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :16/01/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD FOR SPEECH CODING,METHOD FOR SPEECH DECODING AND THEIR APPARATUES

(51) International classification	:G10L 19/00	(71)Name of Applicant :
(31) Priority Document No	:HEI 9-354754	1)MITSUBISHI DENKI KABUSHIKI KAISHA
(32) Priority Date	:24/12/1997	Address of Applicant :2-3, Marunouchi 2-chome Chiyoda-ku Tokyo
(33) Name of priority country	:Japan	100-8310 Japan
(86) International Application No	:PCT/JP1998/005513	(72)Name of Inventor :
Filing Date	:07/12/1998	1)YAMAURA, Tadashi
(87) International Publication No	:WO/1999/034354	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 2

(57) Abstract :

A high quality speech is reproduced with a small data amount in speech coding and decoding for performing compression 'coding and decoding of a speech signal to a digital signal .In speech coding method according to a code-excited linear prediction (CELP) speech coding, a noise level of a speech in a concerning coding period is evaluated by using a code or coding result of at least one of spectrum information, power information, and pitch information, and various excitation codebooks are used based on an evaluation result.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : MULTI-STACK INFORMATION CARRIER

(51) International classification	:G11B 7/0045
(31) Priority Document No	:03290471.6
(32) Priority Date	:27/02/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/000467
Filing Date	:16/02/2004
(87) International Publication No	:WO/2004/077410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)MEINDERS, Erwin
2)VAN DER MARK, Martinus
3)WILDERBEEK, Johannes

No of Pages : 25

No of Claims : 16

(57) Abstract :

The invention relates to an information carrier comprising at least two information stacks. Each stack comprises a first electrode (11, 15), a second electrode (13, 17) and an information layer (12, 16) between the first and second electrodes. The information layer comprises molecules which can be rotated when a suitable potential difference is applied between the first and second electrodes.

(54) Title of the invention : RELIABILITY DETERMINATION AND COMBINING OF POWER CONTROL COMMANDS DURING SOFT-HANDOFF

(51) International classification :H04B 7/005
 (31) Priority Document No :60/450,603
 (32) Priority Date :26/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/005544
 Filing Date :24/02/2004
 (87) International Publication No :WO/2004/077695
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATEDAddress of Applicant :5775 Morehouse Drive, San Diego, CA 92121
U.S.A.

(72)Name of Inventor :

1)OH, Hyukjun**2)SUBRAHMANYA, Parvathanathan****3)KASTURI, Nitin****4)AMERGA, Messay****5)HSU, Chih-Ping****6)RIDDLE, Christopher****7)SENDONARIS, Andrew**

No of Pages : 35

No of Claims : 33

(57) Abstract :

The reliability of transmit power control (TPC) commands received from a transmitter is determined based on a TPC target value. The TPC target value is derived based on a TPC threshold and possibly a weight, depending on the receiver implementation. A received TPC command is considered reliable if its absolute value exceeds the TPC target value. Received TPC commands deemed as unreliable are discarded and not used for power control. Multiple TPC target values, used for detecting UP and DOWN commands, may be derived with multiple scaling factors. For a receiver in soft handover and receiving TPC commands from multiple transmitters, a different TPC target value may be derived for each transmitter. The received TPC commands for each transmitter are compared against that transmitter's TPC target value. Received TPC commands deemed as unreliable are discarded and not combined.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.208/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :26/03/2002

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PREPARATION OF HYDROXY(CYCLOALKANE)PHENYL EHTYLAMINE

(51) International classification	:C07C 215/00	(71) Name of Applicant : 1)GLOBAL BULK DRUGS & FINE CHEMICALS PVT LTD
(31) Priority Document No	:NA	Address of Applicant :DIGWAL VILLAGE,KOHIR
(32) Priority Date	:NA	MANDAL,MEDAK DISTRICT,PIN-502 321 Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SAIGAL J.C
Filing Date	:NA	2)GUPTA R.P
(87) International Publication No	: NA	3)PANDIT V.V
(61) Patent of Addition to Application Number	:NA	4)DESAI A.J
Filing Date	:NA	5)METHA N.V
(62) Divisional to to Application Number	:NA	6)RANE S H
Filing Date	:NA	

No of Pages : 18

No of Claims : 12

(57) Abstract :

A process for the preparation of hydroxy (cycloalkane)cycloalkene) phenylethyl amine of formula (III) comprising alkylation of its precursor amine of general formula (II) which is in turn produced by an effective reduction process from its precursor cyanide having the formula (I) using Raney Nickel (CORMIII) as catalyst where, either of R5 and R6 independently could be in meta or para position and R5, R6 are , independently hydrogen,hydroxyl alkyl, alkoxy, alkanoyloxy, cyano, nitro alkylmercapto, amino, alkylamino, alkanamido, halo, trifluoromethyl, or taken together methylenedioxy, n is 0,1,2,3,4; R7 is hydrogen or alkyl of 1-7 carbon atom,.R1 is H or alkyl of 1-3 carbon atom and R2 is alkyl of 1-3 carbon atom the dotted line represents optional unsaturation. Compounds of formulae IV, V and VI are respectively derivatives of compounds I, II and III respectively.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2096/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/09/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR MAKING A GRAFT COPOLYMER

(51) International classification	: C08F	(71)Name of Applicant :
(31) Priority Document No	:08/939,237	1)MONTELL NORTH AMERICA INC.,
(32) Priority Date	:29/09/1997	Address of Applicant :2801 CENTERVILLE ROAD, P O BOX 15439,
(33) Name of priority country	:Russia	WILMINGTON, DELAWARE 19850-5439. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANTHONY J DENICOLA
(87) International Publication No	: NA	2)CHENG Q SONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 6

(57) Abstract :

The present invention relates to a process for making a graft copolymer comprising, in a substantially non-oxidizing environment: (a) treating a propylene

(12) PATENT APPLICATION PUBLICATION

(21) Application No.21/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :06/01/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A HEAT SENSITIVE JACKET LABEL FOR BATTERY AND BATTERY HAVING THE SAME.

(51) International classification	:H01M 2/02	(71)Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA-FU, 571. Japan
(31) Priority Document No	:HEI 8- 10903	2)FUJI SEAL INC
(32) Priority Date	:25/01/1996	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)MASANOBU ABE
(86) International Application No	:NA	2)TAKESHI OKUBO
Filing Date	:NA	3)CARL DAVID WALTON
(87) International Publication No	: NA	4)JUNICHI ASAOKA
(61) Patent of Addition to Application Number	:NA	5)TETSUO HATA
Filing Date	:NA	6)MASAKAZU HIRAYAMA
(62) Divisional to to Application Number	:NA	7)TAKESHI KYOGANE
Filing Date	:NA	8)YASUHIKO SHOJI

No of Pages : 37

No of Claims : 14

(57) Abstract :

A heat sensitive jacket label for a battery is disclosed. It comprises a base made of a heat-shrinking film, a metal layer provided on a back surface of the base, a heat-resistant insulating layer provided on the metal layer, and a heat sensitive adhesive on the insulating layer. The base heat-shrinks at a temperature at least 15 degree C higher than a temperature for effecting adhesion of the heat sensitive adhesive.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2113/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :01/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : REAL-TIME SYNCHRONIZATION OF CONTENT VIEWERS

(51) International classification	:G06F 17/30
(31) Priority Document No	:0304763.6
(32) Priority Date	:01/03/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2004/000519
Filing Date	:19/02/2004
(87) International Publication No	:WO/2004/079592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
Netherlands

(72)Name of Inventor :

1)POLL, Leonard, H., D.

2)NOTE, Stefaan, M., M.

No of Pages : 13

No of Claims : 25

(57) Abstract :

A method and apparatus for improving user access to content of interest to the user across a range of media and formats is provided, the method comprising a) identifying the content of a user selected content source conveyed to a user by a user's content conveyer apparatus, b) searching all available content sources and/or previously provided descriptions of content sources for content similar to that identified in step a), c) identifying content sources searched in step b) which contain similar content, and d) configuring content conveyers, on start up, to display a content source identified in step c).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2114/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :01/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : VIDEO ENCODING

(51) International classification	:G06T 9/00
(31) Priority Document No	:03100520.0
(32) Priority Date	:03/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050145
Filing Date	:25/02/2004
(87) International Publication No	:WO/2004/080081
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)Name of Inventor :
1)BURAZEROVIC, Dzevdet
2)VERVOORT, Gerardus, J., M.

No of Pages : 21

No of Claims : 17

(57) Abstract :

The invention relates to a video encoder (201) for encoding a video signal. The video encoder comprises a segmentation processor (207) which divides the picture into picture regions. Preferably, picture regions having a high degree of flatness or uniformity are determined in this way. A characteristics processor (209) determine a spatial frequency characteristic for each picture region, and a coding controller (211) selects an encoding block size, such as a prediction block size for motion estimation, in response to the spatial frequency characteristic. An encode processor (213) encodes the picture using the selected encoding block size. Specifically, increasing block sizes are selected for increasing degrees of uniformity or flatness indicated by the spatial frequency characteristic. Thereby, an increasing proportion of high frequency components and a consistent choice of encoding block sizes are maintained, and thus the coding artefacts from many encoders having variable prediction block sizes is reduced. The invention is particularly suitable for H.264 and similar encoders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2118/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING POSITION DETERMINATION IN A WIRELESS COMMUNICATION NETWORK WITH REPEATERS

(51) International classification	:H04Q 7/38
(31) Priority Document No	:60/452,182
(32) Priority Date	:03/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:
Filing Date	PCT/US2004/006602
	:03/03/2004
(87) International Publication No	:WO/2004/080105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
U.S.A.
(72)**Name of Inventor :**
1)LIN, Ie-Hong

No of Pages : 26

No of Claims : 25

(57) Abstract :

A method and apparatus to perform position determination in a wireless (e.g., cellular) communication network with repeaters. A signal received by a terminal is initially identified as being from a repeater. A position and a position uncertainty for the identified repeater are obtained (e.g., from a repeater database) and provided as the position estimate and position uncertainty for the terminal if (1) a more accurate position estimate for the terminal cannot be obtained, (2) the terminal is deemed to be in an indoor environment, or (3) the terminal is located sufficiently close to the identified repeater. If information for additional delays associated with the identified repeater is available, then the position estimate for the terminal may be derived based on a 'compensated' time measurement for the identified repeater (i.e., with the additional delays removed) and time measurements for at least two other transmitters received by the terminal.

(54) Title of the invention : BENZAZEPINE DERIVATIVES

(51) International classification :C07D 223/16 (31) Priority Document No :326136/1995 (32) Priority Date :15/12/1995 (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 to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)OTSUKA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :9,KANDATSUKASA-CHO 2-CHOME,CHIYODA-KU,TOKYO-TO Japan (72)Name of Inventor : 1)HIDENORI OGAWA 2)KAZUMI KONDO 3)TOMOICHI SHINOHARA 4)KEIZO KAN 5)YOSHIHISA TANADA 6)MUNEAKI KURIMURA 7)SEIJI MORITA 8)MINORU UCHIDA 9)TOYOKI MORI 10)MICHIAKI TOMINAGA 11)YOICHI YABUCHI

No of Pages : 206

No of Claims : 25

(57) Abstract :

.Novel benzazepine derivative of the formula [1] wherein R1 is H or halogen, A is lower alkylene, R2 and R3 are the same or different and each H, lower alkoxy, lower alkyl having optionally a lower alkoxy substituent, etc., or R2 and R3 may combine together with the nitrogen to which they bond to form a 5- to 7-membered saturated heterocyclic group which may optionally be substituted by a lower alkyl, etc., R4 is H, lower alkyl, OH, etc., Rs is -NHR6 (R6 is lower alkyl) or pyrrolidinyl, or a salt thereof, which show excellent anti-vasopressin activity, oxytocin antagonistic activity and. vasopressin agonistic activity, and are useful as a vasopressin antagonist, a I vasopressin agonist and an oxytocin antagonist.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2166/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :01/10/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : TWO WAY DISPLAY QUARTZ ANALOG WRIST WATCH MOVEMENT

(51) International classification	:G04B 19/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TITAN INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3, SIPCOT INDUSTRIAL COMPLEX, HOSUR.
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATTE SUBRAMANYA BHATT
(87) International Publication No	: NA	2)SUDA KRISHNAPPA PRAKASH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 5

No of Claims : 4

(57) Abstract :

A "Two way display Quartz analog wrist watch movement" is first of its kind in quartz technology. This is achieved by taking the transmission from front side of the movement to rear side of the movement through idle pinion. Generally "Two way display" in a watch is achieved by using two movements, to this exception "Two way display" in this new invention is achieved by few additional train wheels, where source of energy is common and also hand setting can be done with single stem (crown) The feature on one side of the watch is display of time by hours, minutes and date function. On rear side of the watch is display of time by hours, minutes. This development in a single movement is achieved by Taking the drive from front side to rear side through idle pinion. The idle pinion engages with another idle pinion inturn engages with a set of train wheels to have two hands feature on the rear side.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :08/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : RECORD CARRIER AND APPARATUS ENABLING SEAMLESS PLAYBACK

(51) International classification	:G11B 27/10
(31) Priority Document No	:03100593.7
(32) Priority Date	:10/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB04/50174
Filing Date	:01/03/2004
(87) International Publication No	:WO/04/081941
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BERNSEN, Johannes, A., C.

No of Pages : 14

No of Claims : 27

(57) Abstract :

The present invention relates to a record carrier (D) storing audio data as audio tracks (t) in audio files and associated management information (m). Further, the present invention relates to a corresponding playback and recording apparatus. To avoid annoying clicks at the end or beginning of live recorded audio tracks if those tracks are not played back seamlessly but by suppressing of introductory audio data stored in the pre-track, it is proposed according to the present invention that a seamless playback information (play_pre_track) is provided in the management information (m) indicating if an audio track (t) has to be plaid back seamlessly after a particular other audio track.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2195/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :29/09/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM FOR TEXTILE MACHINES

(51) International classification	:D06 B23/00	(71) Name of Applicant : 1)LAKSHMI MACHINE WORKS LIMITED
(31) Priority Document No	:NA	Address of Applicant :PERIANAICKENPALAYAM COIMBATORE
(32) Priority Date	:NA	641020. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KB KRISHNAN
Filing Date	:NA	2)R VENKATARAMAN
(87) International Publication No	: NA	3)M SAICHELLAPPA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 4

(57) Abstract :

This invention relates to a control system for processing fibres in a textile factory. It consists of a network having a plurality of control units. Each control unit has memory, display, interface means and central processing units. The central processing unit stores data of parameters relevant to textile processing of fibres and has command signals for transmitting commands to each of the control units to vary its operations as desired.

(54) Title of the invention : AXLE HUBCAP VENT

(51) International classification	:B60B	(71)Name of Applicant :
(31) Priority Document No	:10/385,923	1)DANA CORPORATION
(32) Priority Date	:11/03/2003	Address of Applicant :4500 DORR STREET, TOLEDO, OHIO 43615.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/007241	(72)Name of Inventor :
Filing Date	:10/03/2004	1)SLESINSKI, Steven, G.
(87) International Publication No	:WO/2004/080728	2)LYON, Thomas, E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 20

(57) Abstract :

A wheel end assembly (10) is provided that allows venting of pressurized air from a chamber (40) defined by the hubcap (20), but prevents entry of contaminants into the chamber. The wheel end assembly includes a hubcap that is configured to be coupled to a wheel and defines a chamber (40) for retaining lubricant for wheel bearings for the wheel. One wall of the hubcap has an aperture (42) in fluid communication with the chamber (40) and a plug (22) is disposed within the aperture. The plug (22) defines a valve for releasing pressurized air from the chamber. The assembly finally includes a cap (24) that is supported on the body of the plug (22) and extends in an outboard direction. The cap (24) is disposed over an outlet (46) of the valve and defines a first fluid chamber (68) in fluid communication with both the outlet (46) of the valve and ambient air. The cap and plug can be inserted into and removed from the aperture as a unit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2203/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : VALUE EXTRACTION FROM HARVESTED TREES AND RELATED LAMINATES AND PROCESSES

(51) International classification	:B32B 21/13	(71)Name of Applicant :
(31) Priority Document No	:524672	1)WOOD ENGINEERING TECHNOLOGY LIMITED
(32) Priority Date	:10/03/2003	Address of Applicant :127 Main Highway, Ellerslie, AUCKLAND.
(33) Name of priority country	:New Zealand	New Zealand
(86) International Application No	:PCT/NZ2004/000053	(72)Name of Inventor :
Filing Date	:10/03/2004	1)BOSSON, Warwick
(87) International Publication No	:WO/2004/080713	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 46

(57) Abstract :

A laminate of laminae of uniform rectangular cross-sections or depths and lengths arranged randomly or otherwise in the laminate, such laminae having been derived from a feedstock comprising a population of logs (single or multigrade) wherein the population of laminae comprises all of the laminae that can be derived from the population of logs (exclusive only of laminae or material for laminae that are not of acceptable rectangular cross-section and/or length), and where each cross-section of each lamina represents a maximum of one thirtieth of the log cross-section, or the thickness of each lamina represents a maximum of one fifteenth of the small end log diameter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.221/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :17/03/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : LOAD MOVER LIFTING MACHINE

(51) International classification	:B66C 23/72	(71) Name of Applicant : 1)VENKATA VARATHAN RANGARAJAN CHAKRAVARTHY
(31) Priority Document No	:NA	Address of Applicant : "PRAJWAL SRUSHTI" PLOT NO.581, FLAT
(32) Priority Date	:NA	A, GROUND FLOOR, ALAGIRISAMY SALAI, K.K NAGAR,
(33) Name of priority country	:NA	CHENNAI-600 078 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VENKATA VARATHAN RANGARAJAN CHAKRAVARTHY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 10

(57) Abstract :

A load mover lifting machine comprising a hook on vehicle, load lifting machine, shaft, driving sprocket and speed increasing device means having the output to input gear ratio more than one, wherein the said hook on vehicle means the load of vehicle; the said hook is connected to the movable part of the said load lifting machine; the said load lifting machine is suspended from the said shaft; the said shaft is fixed on the circumference of the said driving sprocket; the said driving sprocket which is free to rotate on its axis drives the said speed increasing device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2223/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : AUTOMATIC SUBSCRIPTION SYSTEM FOR APPLICATIONS AND SERVICES PROVIDED TO WIRELESS DEVICES

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:10/388,063	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/03/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US04/06756	(72)Name of Inventor :
Filing Date	:05/03/2004	1)YU, Julie
(87) International Publication No	:WO/04/082245	2)HOREL, Gerald
(61) Patent of Addition to Application Number	:NA	3)PATWARI, Jaiteerth
Filing Date	:NA	4)KLEIN, Michelle
(62) Divisional to to Application Number	:NA	5)OLIVER, Mitchell B.
Filing Date	:NA	

No of Pages : 24

No of Claims : 41

(57) Abstract :

A system, method, and computer program that automatically creates a subscription for applications and services provided to wireless devices from other computer devices on a wireless network, where the subscription requires periodic payment by the wireless device subscriber for continued access to the application or service. The system monitors wireless device end-user interaction with other computer devices, such as application download servers, across the wireless network and when the end-user obtains an application or service from the computer device, the system automatically records the subscription and can either bill the wireless device subscriber for the subscription(s) or transmit the bill to the carrier or other entity to bill the subscriber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PILOT ESTIMATION USING PREDICTION ERROR METHODSWITCHED FILTERS

(51) International classification	:H04B 1/707
(31) Priority Document No	:60/454,378
(32) Priority Date	:12/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/007681
Filing Date	:11/03/2004
(87) International Publication No	:WO/2004/082166
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121.
U.S.A.
(72)**Name of Inventor :**
1)ABRISHAMKAR, Farrokh
2)ARIYUR, Kartik, B.
3)KREUTZ-DELGADO, Kenneth

No of Pages : 22

No of Claims : 22

(57) Abstract :

A system is disclosed for use in a wireless communication system to provide an estimated pilot signal. The system includes a receiver and a front-end processing and despreading component in electronic communication with the receiver for despreading a CDMA signal. A pilot estimation component is in electronic communication with the frontend processing and despreading component for estimating an original pilot signal using a pilot estimator that includes more than one filter and that includes a switching method for using the more than one filter. The switching method uses a prediction error. A demodulation component is in electronic communication with the pilot estimation component and the front-end processing and despreading component for providing demodulated data symbols.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2244/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : VIA AND TRENCH STRUCTURES FOR SEMICONDUCTOR SUBSTRATES BONDED TO METALLIC SUBSTRATES

(51) International classification	:H01L 23/52
(31) Priority Document No	:10/389,278
(32) Priority Date	:13/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU04/00309
Filing Date	:15/03/2004
(87) International Publication No	:WO/04/082020
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EPITACTIX PTY LTD.
Address of Applicant :Cnr. Vimiera & Pembroke Road, Marsfield,
N.S.W. 2122 Australia
(72)**Name of Inventor :**
1)CUNNINGHAM, Shaun, Joseph

No of Pages : 28

No of Claims : 32

(57) Abstract :

A compound semiconductor substrate, such as a GaAs substrate, is eutectically bonded to a metallic substrate (400). The semiconductor substrate is optionally thinned, and vias or trenches (601) are formed from the front side for making easily aligned interconnects to the metal substrate (400). The mechanical support given by the metallic substrate (400) permits the vias or trenches (601) to be any shape. Trenches (601) can surround a particular circuit element, to provide thermal isolation or heat spreading, or (in combination with metallic air bridges) to provide electromagnetic screening. Trench structures (601) also provide lower impedance ground connections at very high frequencies, in comparison to standard via holes. The metallic substrate (600) can be used as a ground plane or as a heat sink.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2285/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :15/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : DEVICE AND METHOD FOR RECORDING INFORMATION

(51) International classification	:G11B 20/12	(71)Name of Applicant :
(31) Priority Document No	:03100675.2	1)KONINKLIKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:18/03/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050253	1)NESVADBA, Jan, A., D.
Filing Date	:15/03/2004	2)KELLY, Declan, P.
(87) International Publication No	:WO/2004/084214	3)NAGORSKI, Igor
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 16

(57) Abstract :

A device for recording records digitally encoded video information on a record carrier according to a predefined recording format, such as DVD+RW. The device has a unit for gathering meta-data which describes parameters of the real-time information, and records the meta-data. The record carrier has to be compatible to existing recording devices which are not aware of the meta-data. Thereto the device has control means for recording the meta-data in at least one hidden location of the record carrier which hidden location is not or less likely accessible for storing data according to the predefined recording format.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2289/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :15/10/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : PREPARATION OF OXIDATION PRODUCTS OF CYCLOHEXANE IN COUNTERCURRENT

(51) International classification	:C07C 27/12	(71)Name of Applicant : 1)BASF AKTIENGESELLSCHAFT
(31) Priority Document No	:196 43 154.9	Address of Applicant :D-67056 LUDWIGSHAFEN. Germany
(32) Priority Date	:18/10/1996	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)REHFINGER, ALWIN
(86) International Application No	:NA	2)GANN, MARTIN
Filing Date	:NA	3)MARKL ROBERT
(87) International Publication No	: NA	4)SCHMITT, RUDIGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 12

(57) Abstract :

The invention relates to a process for preparing oxidation products of cyclohexane by catalytic oxidation with oxygen-containing gases are passed in countercurrent through the reaction zone. The reaction is carried out in the liquid phase at a temperature from 120 to 180 degree C in the presence of a cobalt catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2314/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :19/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD OF STORING INFORMATION ON AN OPTICAL DISC

(51) International classification	:G11B 20/18	(71)Name of Applicant :
(31) Priority Document No	:03100703.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/03/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB04/50271	(72)Name of Inventor :
Filing Date	:17/03/2004	1)BLUM, Martinus, W.
(87) International Publication No	:WO/04/084218	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 20

(57) Abstract :

Method of writing an ECC block to a storage medium, the method comprising the steps of: dividing the ECC block into a plurality of N block sections; and successively writing the block sections to the storage medium; wherein always two successive block sections are separated by a combination of a trailing field (TF) following a first one of said two successive block sections and a leading field (LF) preceding a second one of said two successive block sections.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2321/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :20/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : REMOTE TOUCH SIMULATION SYSTEMS AND METHODS

(51) International classification	:G06F 3/033
(31) Priority Document No	:10/394,522
(32) Priority Date	:21/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/003287
Filing Date	:05/02/2004
(87) International Publication No	:WO/2004/095203
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center, Post Office Box 33427, Saint Paul,
MN 55133-3427. U.S.A.
(72)**Name of Inventor :**
1)GEAGHAN, Bernard, O.
2)TAYLOR, Gordon, F.

No of Pages : 36

No of Claims : 21

(57) Abstract :

Systems and methods provide for simulating an effective human touch on a touch screen sensor of a touch screen system. Touch simulation involves interaction with, or cooperation between, a subject touch screen system and a remote system via a communication or network link. Remote touch simulation typically involves establishing a communication link between the touch screen system and a remote location, simulating a touch to the touch screen sensor, and communicating data associated with simulating the touch between the touch screen system and the remote location via the communication link. Remote touch simulation can be employed to perform various types of diagnostics, calibration, and repair procedures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2366/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :22/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : MULTILAYER OPTICAL DISC HAVING WOBBLE PITS

(51) International classification	:G11B 7/00
(31) Priority Document No	:03100753.7
(32) Priority Date	:24/03/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050220
Filing Date	:09/03/2004
(87) International Publication No	:WO/2004/086369
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
Netherlands
(72)**Name of Inventor :**
1)SPRUIT, Johannes, H., M.

No of Pages : 19

No of Claims : 10

(57) Abstract :

A record carrier for recording information by writing marks in a track has a recording layer with a pregroove (51). The pregroove has a wobble that has wobble modulation (52) for representing control information. The pregroove further has a pregroove modulation constituted by pregroove pit areas (54) having a predefined width and depth alternating with pregroove land areas (53) having a reduced depth and/or width, in particular zero depth. A majority of the pregroove land areas (53) is located at zero crossings of the wobble and a majority of the pregroove pit areas is located at peak values of the wobble for optimizing the wobble signal strength. A scanning device has wobble detection means for retrieving the control information from the wobble modulation, and pregroove demodulation means for retrieving the recording control information from the pregroove modulation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :30/09/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : LEAKAGE CURRENT REDUCTION FOR CMOS MEMORY CIRCUITS

(51) International classification	:G11C 11/4074	(71)Name of Applicant :
(31) Priority Document No	:60/460,157	1)QUALCOMM INCORPORATED
(32) Priority Date	:02/04/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/010308	(72)Name of Inventor :
Filing Date	:02/04/2004	1)CHEN, Nan
(87) International Publication No	:WO/2004/090907	2)ZHONG, Cheng
(61) Patent of Addition to Application Number	:NA	3)SANI, Mehdi Hamidi
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 29

(57) Abstract :

A CMOS integrated circuit (e.g., an SRAM or a DRAM) is partitioned into a core block, a peripheral block, and a retention block. The core block includes circuits (e.g., memory cells) that are powered on at all times and is coupled directly to power supply and circuit ground. The peripheral block includes circuits that may be powered on or off and are coupled to the power supply via a head switch and/or to circuit ground via a foot switch. The switches and the core block may be implemented with high threshold voltage (high-Vt) FET devices to reduce leakage current. The peripheral block may be implemented with low-Vt FET devices for high-speed operation. The retention block includes circuits (e.g., pull-up devices) that maintain signal lines (e.g., word lines) at a predetermined level so that the internal states of the core block are retained when the peripheral block is powered off.

(54) Title of the invention : METHOD FOR PRODUCTION OF ELECTRIC SIGNS AND AN ELECTRIC SIGN

(51) International classification	:G09F 13/18	(71) Name of Applicant :
(31) Priority Document No	:0300995-8	1)KARLSSON, Dennis
(32) Priority Date	:03/04/2003	Address of Applicant :PL. 1153 Hol, S-441 93 ALINGSAS Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2004/000523	1)KARLSSON, Dennis
Filing Date	:05/04/2004	
(87) International Publication No	:WO/2004/102511	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 15

(57) Abstract :

A method for producing, by a laser that scans the rear side of a transparent object, figures and text that are recessed in the transparent material and that as seen from the outside (5) appear as a raised relief (1) and for which the effect of depth (d, d') depends on the amplitude of a signal superposed the input, frequency-controlled laser power by which the screen pattern is obtained. By an optimal fineness of scanning relative the material of the sign, the figures may obtain a very strong luminescence even at a very low input edge-illumination power. Furthermore, the invention relates to an edge-illuminated electric sign (L1, L2) with a figure produced by the manufacturing method according to the invention. Furthermore, the invention relates to a mounting system in the form of two interacting moulding strips (3, 4) for mounting one or more electric signs (L1, L2) manufactured according to the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2513/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :04/11/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD OF ROLLING PLATES FROM INPUT MATERIAL IN SEVERAL SUCCESSIVE WORK STEPS

(51) International classification	:B21B 41/06	(71) Name of Applicant : 1)SMS SCHLOEMANN SIEMAG AKTIENGESCLLSCHAFT
(31) Priority Document No	:196 45 497.2	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4, 40237 DUSSELDORF Germany
(32) Priority Date	:05/11/1996	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)STEPHAN KRAMER
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 5

(57) Abstract :

A method of rolling plates from input stock in several successively arranged work steps, wherein, depending on the desired end product, different numbers of n passes are carried out in one or more roll stands, preferably in a hot-rolling reversing stand. From a pass n-k to a pass n-l, greater pass reductions (smaller strip thicknesses) are rolled at the strip beginning than at the strip end, wherein k is a counting number in the range of from 1 to n-l.

(54) Title of the invention : A MICROPHONE ACCESSORY

(51) International classification	:G09F 19/00
(31) Priority Document No	:03/2641
(32) Priority Date	:04/04/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/ZA2004/000033
Filing Date	:23/03/2004
(87) International Publication No	:WO/2004/088618
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LEVINSOHN, Steven, MarkAddress of Applicant :204 Hyde Gate, 27 Ruth Road, 2196 Hyde park.
South Africa

(72)Name of Inventor :

1)LEVINSOHN, Steven, Mark

No of Pages : 9

No of Claims : 22

(57) Abstract :

An accessory for use with a microphone has an electronic screen by means of which communications such as advertisements, messages, logos, the name of a TV station and the like may be displayed. The accessory may be attachable to the microphone itself, or to a boom, a stand or a stalk for the microphone. In one form the accessory may comprise a foam cover for the microphone. The communications may be transmitted to the accessory in a wireless or wired manner. The communication may be changed manually, remotely or in a predetermined automatic manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.254/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :24/02/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD OF OBTAINING INFORMATION ABOUT CHEMICALLY ACTIVE AREAS OF AT LEAST ONE TARGET MOLECULE

(51) International classification	:G01N 31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IL2002/000614
Filing Date	:24/07/2002
(87) International Publication No	:WO/2004/010136
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KEDDEM BIO-SCIENCE LTD.
Address of Applicant :11 H'a Amal St, 78785 Ashkelon Israel
(72)**Name of Inventor :**
1)OFER, Dror

No of Pages : 185

No of Claims : 152

(57) Abstract :

The present invention relates to a method of obtaining information about at least one chemically active area of at least one target molecule, comprising: providing a set of compounds comprising a plurality of substantially rigid chemical gauges, each of said plurality of gauges providing at least one substantially rigid triangular geometric substructure of binding points, such that at least 50% of a mathematical-chemical space is spanned by the substantially rigid triangular geometric substructures of said gauges, each point in said space being covered by at least 5 distinct gauges from said set, said mathematical- chemical space being defined using a list of at least six chemical binding point types, including acid, base, hydrophobic, hydrogen-bond donor, hydrogen-bond acceptor, aromatic, and a range of possible distances between chemical binding points including the range of 2-12 angstrom, said list and said range defining a space of possible triangular configurations, each configuration including a triplet of distances within said range that form a triangle and a triplet of binding types for the triangle vertices; and a portion of said space being defined as being spanned if there is at least one substantially rigid triangular substructure available to chemically bind to a triangular configuration of binding points selected in said portion, causing said at least one target to interact with said plurality of gauges; measuring the interaction of said gauges with at least one of said at least one target to obtain a plurality of assay results; and analyzing said assay results to obtain information about said at least one chemically active area.

(54) Title of the invention : SUPPLY UNIT FOR ELECTRIC POWER AND WATER DERIVED FROM RENEWABLE ENERGIES

(51) International classification	:F03D 9/00	(71)Name of Applicant :
(31) Priority Document No	:635/03	1)NIEDERER, Robert
(32) Priority Date	:07/04/2003	Address of Applicant :Burgstrasse 87, 9000 St. Gallen. Switzerland
(33) Name of priority country	:Switzerland	2)HAUTLE, URS
(86) International Application No	:PCT/CH2004/000215	(72)Name of Inventor :
Filing Date	:06/04/2004	1)NIEDERER, Robert
(87) International Publication No	: WO/2004/090327	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 10

(57) Abstract :

The supply unit consists of a box-shaped sectional frame (1), whose base side stands on wheels (2), a frame (16) that is quadratic when seen from the top being arranged on the top side (3) thereof, said frame containing a solar panel (7). Said panel can be hinged pivotally about a horizontal axis (8) in the top side of the box-shaped sectional frame (1). A peripheral quadratic frame (5) having the same size and containing a solar panel (6) is pivotally hinged on all sides of said quadratic frame (16) so that a cube shape is formed from the five quadratic frames (16;5) during their pivoting position. The peripherally hinged quadratic frames (5) can be pivoted on the plane of the central quadratic frame (16) and can be locked in said pivoting position with respect to the central quadratic frame (16). The box-shaped sectional frame (1) contains modules (24-26) which can be pushed in in a drawer-like manner from one side and which locked in the pushed-in position, said modules enabling different functions such as accumulation of sun and wind energy, processing of drinking water, pumping of water, supply of electrical power or direct current-hydrogen generation using fuel cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2595/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :13/11/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : BLOW MOLDING MACHINE

(51) International classification	:B29C 49/48	(71)Name of Applicant : 1)MAUSER-WERKE GMBH
(31) Priority Document No	:296 19 781	Address of Applicant :SCHILDGESSTR. 71-163 Germany
(32) Priority Date	:15/11/1996	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)LANGOS PETER
(86) International Application No	:NA	2)HACKNER WOLFGANG
Filing Date	:NA	3)HAMLISCHER WOLFGANG
(87) International Publication No	: NA	4)HUMRICH UWE
(61) Patent of Addition to Application Number	:NA	5)MAIER KLAUS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract :

The invention relates to a blow-moulding machine having a base frame without tie bars for the production of blow-moulded hollow plastic bodies, in which two blowing- mould halves for receiving the tubular parison are constructed to be horizontally displaceable by means of a transporting device acting on the mould support plates or on the associated bearing pedestals carrying the mould support plates, and which has an independent separate locking system acting on the mould support plates and having its own drive for pinching off the tubular parison and for locking the blowing-mould halves during the blow-moulding operation, characterized in that the blowing-mould halves are free from any direct, positive-locking coupling by way of a mechanical synchronizing device and the transporting device comprises at least two separate drive assemblies independent of one another and of the same type, each outer mould support plate or each outer bearing pedestal carrying a mould support plate being equipped with at least one of these drive assemblies.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :27/03/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : A CONSTANT MESH GEARING SYSTEM FOR AN AUTOMOBILE

(51) International classification	:B60K-17/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED ,
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES,NO 8 HADDOWS
(33) Name of priority country	:NA	ROAD,CHENNAI-600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CAPT.N.S.MOHAN RAM
(87) International Publication No	: NA	2)G.MOHAN
(61) Patent of Addition to Application Number	:NA	3)T.M MANOZ KUMAR
Filing Date	:NA	4)N.HARIKRISHNAN
(62) Divisional to to Application Number	:NA	5)T.M MANOZ KUMAR
Filing Date	:NA	

No of Pages : 13

No of Claims : 6

(57) Abstract :

A constant mesh gearing system for an autom obile comprising first and second star selectors respectively fixed to first and second profile rods, the first profile rod being disposed within the second profile rod~ a gear lever, a shiller shaft provided with upper and lower selector arm s for respectively moving the first and second profile rods, along with the first and second star selectors,the said selector arm s being disposed radially and axially apart such that the upward and downward movement of the shifter shaft couples the selector arm to the corresponding profile rod; a sector plate through which the rotational movement of the shifter shaft is activated by the "driver of the vehicle; and slider crank means through which the upward and downward movement of the shifter shaft is activated by the said driver whereby the gear selection of neutral to gear I, gear I to neutral and neutral to gear II are obtained through the second profile rod and corresponding star selector; and the gear selection of neutral to gear III, gear III to neutral and neutral to gear IV is obtained through the first profile rodand its corresponding star selector.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2631/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND DEVICE FOR RECORDING MARKS REPRESENTING DATA IN A RECORDING MEDIUM

(51) International classification	:G11B 7/006	(71)Name of Applicant :
(31) Priority Document No	:EP 99202333.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/07/1999	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2000/006589	1)DEKKER, Martijn, J.
Filing Date	:11/07/2000	2)VAN DEN BRINK, Hendrikus, B.
(87) International Publication No	:WO/2001/006500	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 4

(57) Abstract :

The present invention relates to methods and devices are described for writing an optical record carrier, in which a mark representing recorded data is written in a phase-change layer of a record carrier by a sequence of radiation pulses. A rear heating pulse (24) is introduced after a last write pulse (23,26) and a front heating pulse (25) is introduced before the first write pulse (22,26). The power level (13) of the front heating pulse and the power level (15) of the rear heating pulse may be dependent on the length of the mark to be recorded and on properties of the record carrier. The method results in a reduced jitter of the marks written, especially when writing at high recording speeds.

(54) Title of the invention : A TASK ALLOCATION APPARATUS AND A METHOD OF ALLOCATING A PLURALITY OF RESOURCES TO A PLURALITY OF TASKS

(51) International classification	:G06F 17/60	(71) Name of Applicant : 1)@ROAD, LTD.
(31) Priority Document No	:UK 9624365.4	Address of Applicant :NORTH FELAW MALTINGS, 48 FELAW STREET, IPSWICH, SUFFOLK IP2 8HE, ENGLAND. U.K.
(32) Priority Date	:22/11/1996	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)DAVID LESAINT
(86) International Application No	:NA	2)CHRISTOS VOUDOURIS
Filing Date	:NA	3)NADER AZARMI
(87) International Publication No	: NA	4)ROBERT NOEL WILLIAM LAITHWAITE
(61) Patent of Addition to Application Number	:NA	5)JOHN HOSEPH O' DONOGHUE
Filing Date	:NA	6)ANDREW PAUL NOBLE
(62) Divisional to to Application Number	:NA	7)PAUL WALKER
Filing Date	:NA	8)IAN STUARY ALLESTON

No of Pages : 58

No of Claims : 34

(57) Abstract :

A plurality of resources, typically service operatives, are allocated to a plurality of tasks by a method in which initial information relating to the tasks to be allocated and the resources available to perform the tasks is provided to first generate an initial series of schedules allocating resources to the tasks, and then modifying the individual schedule of at least one resource in response to updated information, whereby changes to individual schedules may be made in response to such updated information independently of the schedule generation means. The initial series of schedules may be generated in a two-stage process in which a rule-based system 30 allocates tasks selected as being difficult to allocate (e.g. because they are linked to other tasks), and then a stochastic (non-systematic) search system 31 compiles the rest of the schedule. Periodically, the stochastic system may be interrupted to allow a further rule-based system 39 to analyse the schedules created thus far, and fix the best ones in the schedule, so that the stochastic system 31 can then concentrate on improving the remaining schedules. In order to allow the system to handle rapid changes in the requirements for tasks and the resources, on a scale faster than the time required to generate the schedules, a schedule modification system 40 is arranged to make changes in the short term in between schedule updates delivered by the schedule generation system 30,31.

(54) Title of the invention : METHOD FOR THE SPATIALLY RESOLVED DETERMINATION OF PHYSICAL, CHEMICAL AND/OR BIOLOGICAL PROPERTIES OR STATE VARIABLES

(51) International classification	:A61B 5/06	(71)Name of Applicant :
(31) Priority Document No	:03101022.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/04/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050447	1)GLEICH, Bernhard
Filing Date	:15/04/2004	
(87) International Publication No	:WO/2004/091396	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 35

(57) Abstract :

Method for the spatially resolved determination of physical, chemical and/or biological properties or state variables and/or the change therein in an examination area of an examination object by determining the change in the spatial distribution and/or the mobility, of magnetic particles as a function of the effect of physical, chemical and/or biological influencing variables on at least a part-area by means of the following steps: a) introducing covered and/or coated magnetic particles with at least one solid, viscous and/or liquid shell or coating into at least part of the examination area b) generating a magnetic field with a first part-area having a low magnetic field strength and a second part-area having a higher magnetic field strength, c) changing the, spatial position of the two part-areas in the examination area or changing the magnetic field strength in the first part-area so that the magnetization of the particles is locally changed, d) detecting signals that depend on the magnetization in the examination area that is influenced by this change, and e) evaluating the signals so as to obtain information about the change in the spatial distribution and/or mobility of the magnetic particles in the examination area. The invention also relates to functionalised magnetic particle compositions and magnetic particle compositions suitable for use in the above method. The invention further also relates to an apparatus for the measurement of state variables in the examination area.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2658/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : HEART WALL STRAIN IMAGING

(51) International classification	:G01S 15/89	(71)Name of Applicant :
(31) Priority Document No	:03290933.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/04/2003	Address of Applicant :Groenewoudseweg 1, 5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/001122	1)BONNEFOUS, Odile
Filing Date	:01/04/2004	
(87) International Publication No	:WO/2004/092766	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 11

(57) Abstract :

Ultrasound image processing system comprising means for acquiring ultrasound image data of the heart, means for forming a sequence of ultrasound images of the heart during a cardiac cycle and means for providing tissue velocity data of the heart wall, and further comprising means for estimating the time occurrence of a specific event related to heart strain for a point inside the heart wall. This system may comprise means for estimating the temporal variations of heart strain measured at a selected point inside the heart wall. This system may further comprise means for estimating the instants of occurrence of maximal and minimal variations of heart strain and their amplitudes from the measured temporal variations of heart strain at a selected point inside the heart wall and means for estimating the instants of temporal occurrences of the maximal and/or minimal variations of heart strain, along a line representing the heart wall.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2659/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : THERMALLY RESISTANT ADHESIVE

(51) International classification	:C09J 9/02	(71)Name of Applicant :
(31) Priority Document No	:PCT/SG03/00104	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/04/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:Singapore	Netherlands
(86) International Application No	:PCT/IB04/50399	(72)Name of Inventor :
Filing Date	:05/04/2004	1)NEMETH, Sandor
(87) International Publication No	:WO/2004/092294	2)BOEHMER, Marcel, R.
(61) Patent of Addition to Application Number	:NA	3)CNOSSEN, Gerard
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 8

(57) Abstract :

A sol-gel material with metal particles which can be used as a conductive adhesive for systems that have a high operating temperature is disclosed. The material is especially suitable for appliances equipped with a flat heating element, such as steam irons.

(54) Title of the invention : AUDIO SIGNAL SYNTHESIS

(51) International classification :H04S 5/00 (31) Priority Document No :03076134.0 (32) Priority Date :17/04/2003 (33) Name of priority country :EUROPEAN UNION (86) International Application No :PCT/IB2004/050436 Filing Date :14/04/2004 (87) International Publication No :WO/2004/093495 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven. Netherlands (72)Name of Inventor : 1)SCHUIJERS, Erik, G., P. 2)KLEIN MIDDELINK, Marc, W., T. 3)OOMEN, Arnoldus, W., J. 4)VAN DE KERKHOF, Leon, M.

No of Pages : 11

No of Claims : 18

(57) Abstract :

Synthesizing an output audio signal is provided on the basis of an input audio signal, the input audio signal comprising a plurality of input sub-band signals, wherein at least one input sub-band signal is transformed (T) from the sub-band domain to the frequency domain to obtain at least one respective transformed signal, wherein the at least one input sub-band signal is delayed and transformed (D, T) to obtain at least one respective transformed delayed signal, wherein at least two processed signals are derived (P) from the at least one transformed signal and the at least one transformed delayed signal, wherein the processed signals are inverse transformed (T<-1>) from the frequency domain to the sub-band domain to obtain respective processed sub-band signals, and wherein the output audio signal is synthesized from the processed sub-band signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2693/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :25/11/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD OF CONTROLLING A LONG DISTANCE CALL SETUP IN A COMMUNICATION SYSTEM AND A WIRELESS NETWORK

(51) International classification	:H04M 03/38	(71)Name of Applicant : 1)NOKIA TELECOMMUNICATIONS
(31) Priority Document No	:08/760,160	Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO
(32) Priority Date	:03/12/1996	Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)KEIJO PALVIINEN
Filing Date	:NA	2)LAURI LAHTINEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 32

(57) Abstract :

In order to to enable an operator to control the subscriber's long distance carrier usage in a telecommunications network, a new subscriber-specific parameter, a locking parameter, is added to the subscriber data by the operator, in addition to a preferred long distance carrier access code. The locking parameter defines whet-her said subscriber is allowed to select the long distance carrier for the call or not. The locking parameter is checked each time the subscriber dials the long distance carrier access code during an originating call setup. In an embodiment of the invention, if the locking parameter indicates the subscriber is not allowed to select the long distance carrier, the call setup will be always terminated, preferably after making an announcement for in-forming the subscriber of the cause of the termination.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2696/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :19/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : FVII OR FVIIa VARIANTS

(51) International classification	:C12N
(31) Priority Document No	:60/456,547
(32) Priority Date	:20/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK04/00193
Filing Date	:22/03/2004
(87) International Publication No	:WO/04/083361
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAXYGEN HOLDINGS LTD.
Address of Applicant :c/o Close Brothers (Cayman) Limited, 103 South Church Street, P.O. Box 1034 GT, Grand Cayman British West Indies

(72)**Name of Inventor :**
1)ANDERSEN, Kim, Vilbour
2)ROPKE, Mads
3)HAANING, Jesper, Mortensen
4)GLAZER, Steven

No of Pages : 49

No of Claims : 27

(57) Abstract :

Variants of FVII or FVIIa comprising at least one amino acid modification in position 196, 237 or 341 relative to hFVII or hFVIIa. The variants exhibit an increased clotting activity, i.e. reduced clotting time, compared to rhFVIIa.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.271/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/02/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : SODIUM GLYPHOSATE COMPOSITIONS AND PROCESS FOR THEIR PREPARATION

(51) International classification	:A01N 57/20
(31) Priority Document No	:60/407,378
(32) Priority Date	:31/08/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/027526
Filing Date	:02/09/2003
(87) International Publication No	:WO/2004/103076
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MONSANTO TECHNOLOGY LLC
Address of Applicant :800 North Lindbergh Boulevard, St. Louis, MO
63167 U.S.A.
(72)**Name of Inventor :**
1)MASSMANN, Brent, D.
2)WANG, John, T.
3)CAMPBELL, Dwane, H.

No of Pages : 39

No of Claims : 33

(57) Abstract :

A process is provided for preparing a downstream processable sodium glyphosate paste. The process includes mixing in a reactor particulate glyphosate acid, sodium hydroxide, water, and optionally one or more adjuvant(s). The reaction of glyphosate acid with sodium hydroxide causes the generation of heat resulting in the partial evaporation of the water such that a sodium glyphosate paste is formed having a moisture content of about 0.1% to about 20% by weight. The sodium glyphosate paste may then be further processed to form a dry granular herbicidal composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2719/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTI-IL-22RA ANTIBODIES AND BINDING PARTNERS AND METHODS OF USING IN INFLAMMATION

(51) International classification :C07K 16/00
(31) Priority Document No :60/457,481
(32) Priority Date :24/03/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/008956
Filing Date :24/03/2004
(87) International Publication No :WO/2004/085476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ZYMOGENETICS, INC.

Address of Applicant : 1201 Eastlake Avenue East, Seattle, WA 98102
U.S.A.

(72)Name of Inventor :

1)XU, Wenfeng

2)KINDSVOGEL, Wayne

3)CHANDRASEKHER, Yasmin, A.

4)DILLON, Stacey, R.

5)LEHNER, Joyce, M.

6)SIADAK, Anthony, W.

7)SIVAKUMAR, Pallavur, V.

8)MOORE, Margaret, D.

No of Pages : 243

No of Claims : 73

(57) Abstract :

The present invention relates to blocking, inhibiting, reduceing, antagonizing or neutralizing the activity of IL-22, IL-20, or both IL-20 and IL-22 polypeptide molecules. IL-20 and IL-22 are cytokines that are involved in inflammatory processes and human disease. IL-22RA (zcytor11) is a common receptor for IL-20 and IL-22. The present invention includes anti-IL-22RA antibodies and binding partners, as well as methods for antagonizing IL-22 or both IL-20 and IL-22 using such antibodies and binding partners.

(54) Title of the invention : SALT OF (2S,3S)-3-[[(1S)-1-ISOBUTOXYMETHYL-3-METHYLBUTYL]CARBAMOYL]OXIRANE-2-CARBOXYLIC ACID

(51) International classification	:C07D 303/48
(31) Priority Document No	:2003-121103
(32) Priority Date	:25/04/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/05767
Filing Date	:22/04/2004
(87) International Publication No	:WO/2004/096785
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPPON CHEMIPHAR CO., LTD.Address of Applicant :2-2-3, Iwamoto-cho, Chiyoda-ku, Tokyo
1018678 Japan

(72)Name of Inventor :

1)TENDO, Atsushi**2)TAKAHASHI, Toshihiro****3)YAMAKAWA, Tomio****4)OKAI, Kazuki****5)NIHASHI, Susumu**

No of Pages : 28

No of Claims : 7

(57) Abstract :

It is intended to purify (2S,3S)-3-[[(1S)-1-isobutoxymethyl-3-methylbutyl]carbamoyle]oxirane-2-carboxylic acid (hereinafter referred to as "carboxylic acid") with the use of a salt from the carboxylic acid and an organic amine selected from among piperazine, adamantanamines, etc. and to provide a crystalline sodium salt of the carboxylic acid which has the following properties and is enhanced in storage stability so as to be suitable for use as a raw material for medicinal drug. DSC: 170 to 175°C exothermic peak accompanied by weight loss Characteristic absorption bands in infrared absorption spectrum (potassium bromide tablet method): 3255, 2950, 2860, 1670, 1630, 1550, 1460, 1435, 1395, 1365, 1310, 1260, 1110, 890 cm⁻¹.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2761/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/10/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : MOLECULAR SIEVE SSZ-65

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:10/401,616	1)CHEVRON U.S.A. INC.
(32) Priority Date	:26/03/2003	Address of Applicant :6001 Bollinger Canyon Road, 3rd Floor, San
(33) Name of priority country	:U.S.A.	Ramon, CA 94583. U.S.A.
(86) International Application No	:PCT/US04/07754	(72)Name of Inventor :
Filing Date	:12/03/2004	1)ELOMARI, Saleh
(87) International Publication No	:WO/2004/094347	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 49

No of Claims : 69

(57) Abstract :

The present invention relates to new crystalline molecular sieve SSZ-65 prepared using 1-[1-(4-chlorophenyl)-cyclopropylmethyl]-1-ethyl-pyrrolidinium or 1-ethyl-1-(1-phenyl-cyclopropylmethyl)-pyrrolidinium cation as a structure-directing agent, methods for synthesizing SSZ-65 in a catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2773/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :04/12/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN ELECTRONIC CIRCUIT TO GENERATE SHARP CUT-OFF FREQUENCY RESPONSE

(51) International classification	:H03H 11/00	(71)Name of Applicant : 1)UDAY S TANDI
(31) Priority Document No	:NA	Address of Applicant :130/15, I CROSS, 3RD MAIN GAYATRIDEVI
(32) Priority Date	:NA	PART EXTN., MALLESHWARAM, BANGALORE. Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)UDAY S TANDI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 5

(57) Abstract :

This invention relates to an electronic circuit to generate a sharp cut-off frequency response. In the present invention a circuit (A) using active and passive components gives a sharp cut-off frequency response (fc). A prototype HPF and a prototyupe LPF (i.e. any existing HPF and LPF filters) has been used and the output of both the filters are compared in a comparator and the output of that comparator is given to a switch which passes an input signal according to the comparator pulse.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2839/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : SOLID PHASE CELL LYSIS AND CAPTURE PLATFORM

(51) International classification	:C12N
(31) Priority Document No	:60/467,679
(32) Priority Date	:02/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/13767
Filing Date	:03/05/2004
(87) International Publication No	:WO/04/099384
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIGMA-ALDRICH CO.
Address of Applicant :3050 Spruce Street, St. Louis, MO 63103 U.S.A.
(72)**Name of Inventor :**
1)KAPPEL, William, K.
2)MEHIGH, Richard, J.
3)JENKINS, Elizabeth, A.

No of Pages : 81

No of Claims : 28

(57) Abstract :

The present invention provides containers, processes, and kits relating to the extraction or the extraction and isolation of a cellular component from a host cell. More specifically, the containers of the invention comprise a mouth; an interior surface comprising a sidewall formation and a bottom; a volume; a lytic reagent; and in some instances, a supported capture ligand. Methods and kits for the extraction or the extraction and isolation of a cellular component from a host cell using the containers described herein are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.284/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/03/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : AUTOMATED THREAD ROLLING MACHINE

(51) International classification	:B23G	(71)Name of Applicant :
	1/00	1)SUNDRAM FASTENERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :98-A, VII FLOOR, DR.RADHAKRISHNAN
(32) Priority Date	:NA	SALAI, MYLAPORE, CHENNAI. Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAMPATHKUMAR MOORTHY
Filing Date	:NA	2)KIRANUR VAIDYANATHASAMY BALASUBRAMANIAN
(87) International Publication No	: NA	3)PAYYAN VALAPPIL SUDEV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 54

(57) Abstract :

The present invention relates to an automated thread rolling machine for eliminating rolling/working of undersize, low hardened/high hardened components. The present invention also relates to a method for eliminating rolling/working of undersize, low hardened/high hardened components.

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING AN INFORMATION SERVICE

(51) International classification	:G06F 17/60	(71)Name of Applicant :
(31) Priority Document No	:0310274.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:03/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
(33) Name of priority country	:U.K.	Netherlands
(86) International Application No	:PCT/IB2004/001320	(72)Name of Inventor :
Filing Date	:20/04/2004	1)BLAKE, Robert, L.
(87) International Publication No	:WO/2004/100032	2)REYMANN, STEFFEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 19

(57) Abstract :

An information service such as an airport information system relies on a network of Bluetooth(tm) transceivers to transfer information to a user's mobile phone, which is equipped with basic calendar functionality. The transceivers are connected to an information server, which downloads the calendar from each of the devices and writes or updates the reminder in each device as appropriate. The mobile phone calendar therefore provides a backup in the event that the user moves outside of the network coverage, while the server carries out all of the necessary processing, so that the system does not rely on complex calendar software within the mobile devices.

(54) Title of the invention : TRANSMISSION OF ACOUSTIC VIBRATIONS TO A SURFACE OVER THE DISPLAY OF A MOBILE DEVICE

(51) International classification	:H04R 1/00	(71)Name of Applicant :
(31) Priority Document No	:03101252.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:06/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB04/50565	(72)Name of Inventor :
Filing Date	:03/05/2004	1)SCHOBEN, Daniel, W., E.
(87) International Publication No	:WO/04/100600	2)VAN DELDEN, Martinus, H., W., M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 13

(57) Abstract :

Mobile device having a sound generating means and a display. The mobile device (1) comprises a display (2) with means (3) for acoustically exciting the display or a part of the display. In order to increase the sound volume, particularly at low frequencies, the mobile device is arranged such that when the mobile device is positioned on a table top as defined in this application, the sound volume at a frequency between 0.5 kHz and 1.5 kHz at a 1 meter's distance from the mobile device is increased by at least 6 dB as compared to the same device when used in air.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2898/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :15/12/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PIEZOELECTRIC IGNITION MECHANISM

(51) International classification	:F 23 D 011/36	(71)Name of Applicant : 1)BIC CORPORATION
(31) Priority Document No	:08/768,545	Address of Applicant :500 BIC DRIVE ,MILFORD , CT 06460 ,
(32) Priority Date	:18/12/1996	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)GUY LAFOREST
Filing Date	:NA	2)MARCEL MEURY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 16

(57) Abstract :

A piezoelectric ignition mechanism comprising a telescopic assembly having first and second members; a return spring associated with the first and second members for biasing the first and second members away from each other; a piezoelectric element positioned inside the telescopic assembly; a plexor movably disposed in the telescopic assembly and is resiliently biased by an impact spring, said impact spring is supported at the other end by an end member of the telescopic assembly, said plexor is retained at a predetermined distance away from the piezoelectric element, such that when the plexor is released, it impacts against the piezoelectric element to produce a spark; characterized in that the ignition mechanism further comprises a resistant spring disposed within the telescopic assembly, such that it resists the release of the plexor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHYL INDOLES AND METHYL PYRROLOPYRIDINES AS ALPH-1 ADRENERGIC AGONISTS

(51) International classification	:C07D 403/06	(71)Name of Applicant :
(31) Priority Document No	: 60/469,255	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:09/05/2003	Address of Applicant :Grenzacherstrasse 124, CH-4070 Basel
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/EP04/04609	(72)Name of Inventor :
Filing Date	:30/04/2004	1)DILLON, Michael, Patrick
(87) International Publication No	:WO/04/099189	2)LIN, Clara, Jeou, Jen
(61) Patent of Addition to Application Number	:NA	3)MOORE, Amy, Geraldine
Filing Date	:NA	4)O'YANG, Counde
(62) Divisional to to Application Number	:NA	5)ZHAI, Yansheng
Filing Date	:NA	

No of Pages : 61

No of Claims : 10

(57) Abstract :

This invention relates to compounds which are alpha- 1 receptor agonists, preferably alpha-1A/L receptor agonists, and which are represented by Formula (I), wherein m, A, X, Y, R1, R2, R3, R4 and R5 are as defined in the specification; or individual isomers, racemic or nonracemic mixtures of isomers, or pharmaceutically acceptable salts or solvates thereof. The invention further relates to pharmaceutical compositions containing such compounds, methods for their use as therapeutic agents, and methods of preparation thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2937/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR DETERMINING 1xEV-DO SYSTEM AVAILABILITY FOR PACKET DATA CALL ORIGINATION DURING HYBRID OPERATION

(51) International classification	:H04Q 7/22	(71)Name of Applicant :
(31) Priority Document No	:10/434,677	1)QUALCOMM INCORPORATED
(32) Priority Date	:09/05/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US04/14454	(72)Name of Inventor :
Filing Date	:07/05/2004	1)HUANG, Sen-der
(87) International Publication No	:WO/04/102995	2)ANDRUS, Don, N.
(61) Patent of Addition to Application Number	:NA	3)HUTCHINSON, James, A.
Filing Date	:NA	4)COOPER, Rotem
(62) Divisional to to Application Number	:NA	5)TURNER, Simon
Filing Date	:NA	

No of Pages : 21

No of Claims : 24

(57) Abstract :

A system and method for determining 1xEV-DO availability for a packet data call in a wireless device is presented. When the wireless device receives a request to initiate a packet data call, the device determines if it currently has access to a preferred 1xEV-DO channel. The determination can be made by consulting a 1xEV-DO availability list stored in persistent memory on the wireless device. If available, the wireless device originates the packet data call on the 1xEV-DO channel. If the device is using a CDMA system that has 1xEV-DO channels but the availability or usability of those channels are unknown, the device polls the signal strength on the 1xEV-DO channels to determine the best 1xEV-DO channel to use for the packet data call. If no 1xEV-DO channel is available or if none of the available 1xEV-DO channels are usable, then the device originates the packet data call on a CDMA channel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2959/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :10/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : IMPROVED HEAT SHOCK PROTEIN-BASED VACCINES AND IMMUNOTHERAPIES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:60/462,469	1)ANTIGENICS, INC.
(32) Priority Date	:11/04/2003	Address of Applicant :630 Fifth Avenue, Suite 2100, New York, NY
(33) Name of priority country	:U.S.A.	10111 U.S.A.
(86) International Application No	:PCT/US2004/010983	(72)Name of Inventor :
Filing Date	:09/04/2004	1)FLECHTNER, Jessica, Baker
(87) International Publication No	: WO/2004/091493	2)PRINCE-COHANE, Kenya
(61) Patent of Addition to Application Number	:NA	3)MEHTA, Sunil
Filing Date	:NA	4)SLUSAREQICZ, Paul
(62) Divisional to to Application Number	:NA	5)ANDJELIC, Sofija
Filing Date	:NA	6)BARBER, Brian, H.

No of Pages : 97

No of Claims : 21

(57) Abstract :

Hybrid antigens comprising at least one antigenic domain, at least one heat shock protein binding domain, and at least one improved peptide linker there between are described which are useful for the induction of an immune response to the antigenic domain when administered alone or in a complex with at least one heat shock protein. The hybrid antigens and complexes can be used to treat infectious diseases and cancers that express an antigen of the antigenic domain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2981/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :11/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : INTERACTIVE STRIPEWISE TRELLIS-BASED SYMBOL DETECTION METHOD AND DEVICE FOR MULTI-DIMENSIONAL RECORDING SYSTEMS

(51) International classification	:G11B 20/00
(31) Priority Document No	:03076504.4
(32) Priority Date	:12/05/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB04/50631
Filing Date	:11/05/2004
(87) International Publication No	:WO/04/100149
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)HEKSTRA, Andries, P.
2)COENE, Willem, M., J., M.

No of Pages : 32

No of Claims : 15

(57) Abstract :

When processing a two dimensional data area it is known to be advantageous to divide the two dimensional area into stripes and process each stripe using a stripe-wise detector. When using several iterations it is advantageous to use higher complexity detectors in later iterations and lower complexity detectors in the initial iterations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.301/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :09/04/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : NEW MONOCYCLIC DERIVATIVES OF ARYL ACIDS AND THEIR USE IN MEDICINE :PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:A61K 31/513	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.REDDY'S RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :7-1-27,AMEERPET, HYDERABAD-500 016
(33) Name of priority country	:NA	Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAVED IQBAL
(87) International Publication No	: NA	2)GURRAM RANGA MADHAVAN
(61) Patent of Addition to Application Number	:NA	3)RANJAN CHAKRABARTI
Filing Date	:NA	4)RAMANUJAM RAJAGOPALAN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 83

No of Claims : 9

(57) Abstract :

The present invention relates to novel hypolipidemic, antihyperglycemic compounds, their derivatives, their analogs, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. More particularly, the present invention relates to novel --aryl-a-oxysubstituted alkyl carboxylic acids of the general formula (I), their derivatives, their analogs, their tautomeric forms, their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their phannaceutically acceptable solvates and pharmaceutically acceptable compositions containing them. where all symbols are as defined in the complete specification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : TUMOR ANTIGENS BFA5 FOR PREVENTION AND/OR TREATMENT OF CANCER

(51) International classification	:C07K 14/47
(31) Priority Document No	:60/462,945
(32) Priority Date	:15/04/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB04/01701
Filing Date	:15/04/2004
(87) International Publication No	:WO/04/092212
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANOFI PASTEUR LIMITED

Address of Applicant :1755 Steeles Avenue , Toronto, Ontario Canada

(72)Name of Inventor :

1)BERINSTEIN, Neil

2)GALLICHAN, Scott

3)LOVITT, Corey

4)PARRINGTON, Mark

5)PEDYCZAK, Artur

6)RADVANYI, Laszlo

7)SINGH-SANDHU, Devender

No of Pages : 42

No of Claims : 63

(57) Abstract :

The present invention relates to a nucleic acid encoding a polypeptide and the use of the nucleic acid or polypeptide in preventing and/or treating cancer. In particular, the invention relates to improved vectors for the insertion and expression of foreign genes encoding tumor antigens for use in immunotherapeutic treatment of cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : NETWORK OPERATOR IDENTIFICATION FOR CDMA COMMUNICATION NETWORKS

(51) International classification	:H04B 1/707	(71)Name of Applicant :
(31) Priority Document No	:60/472,013	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/05/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/015629	(72)Name of Inventor :
Filing Date	:18/05/2004	1)COOPER, Rotem
(87) International Publication No	:WO/2004/105267	2)HOLCMAN, Alejandro, R.
(61) Patent of Addition to Application Number	:NA	3)HUNTER, Andrew, T.
Filing Date	:NA	4)TIEDEMANN, Edward, G.
(62) Divisional to to Application Number	:NA	5)UCHIDA, Nobuyuki
Filing Date	:NA	6)KRIPALANI, Vera

No of Pages : 28

No of Claims : 28

(57) Abstract :

A network operator identifier is used to uniquely identify each network operator to support international roaming. The network operator identifier includes (1) a Mobile Country Code (MCC) that identifies the country in which a network operator belongs and (2) a Network Operator Code (NOC), which may be a Mobile Network Code (MNC), that distinguishes network operators within a given MCC. Each network operator is assigned a unique combination of MCC and NOC that distinctly identifies the network operator, and the network operator identifier can be stored in a single entry in a preferred roaming list. The base stations of each network operator broadcast the network operator identifier in signaling messages. A mobile station receives a signaling message from a base station, obtains the network operator identifier, searches its preferred roaming list for an entry with the network operator identifier, and determines whether or not the current CDMA network is accessible.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM AND METHOD OF COMPENSATING THE TANGENTIAL TILT IN AN OPTICAL DATA CARRIER SIGNAL

(51) International classification	:G11B 20/22	(71)Name of Applicant :
(31) Priority Document No	:03291192.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
(86) International Application No	:PCT/IB2004/001609	(72)Name of Inventor :
Filing Date	:12/05/2004	1)PADIY, Alexander
(87) International Publication No	:WO/2004/105028	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 14

(57) Abstract :

The invention relates to a system and method of compensating the tangential tilt of an optical data carrier intended to store a primary data signal, said method comprising: - an adaptive tangential tilt compensation step (TTC) applied to a readout data signal (RDS) derived from said primary data signal, for generating a tilt-compensated data signal (TCDS) from a measure (MTT) of said tangential tilt, - a sampling rate conversion step (SRC-PLL) for converting the sampling rate of said tilt-compensated data signal (TCDS), so as to generate a sampling rate converted data signal (SRCDS), - a bit detection step (DET) applied to said sampling rate converted data signal (SRCDS) for generating an output data signal (ODS), - a tangential tilt estimation step (TTE) for generating said measure (MTT) of said tangential tilt. Use: tangential tilt compensation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : HANDLING REAL-TIME WRITE ERRORS

(51) International classification	:G11B 20/12
(31) Priority Document No	:03076514.3
(32) Priority Date	:20/05/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050567
Filing Date	:03/05/2004
(87) International Publication No	:WO/2004/105021
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 5621 BA
Eindhoven Netherlands
(72)**Name of Inventor :**
1)BRONDIJK, Robert, A.
2)VAN BECKHOVEN, Stephanus, J., M.

No of Pages : 18

No of Claims : 16

(57) Abstract :

A recording device has medium interface means for interfacing with a storage medium for recording data on the medium and retrieving data from the medium, and host interface means for communicating with a host via messages according to a protocol (ATA/ATAPI). The messages include a write command for writing a series of data blocks in real-time. The device has error monitoring for generating an error message for notifying the host in dependence of an error status within the series of data blocks (84). The error status may indicate the location of a write error (85) in the series, or exceeding a timeout during recording (TRS + TRET + TCAL).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :17/03/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : LIFTING DEVICE FOR LIFTING HEAVY LOADS, IN PARTICULAR DERAILED RAIL VEHICLES

(51) International classification	:B66F 7/16	(71) Name of Applicant :
(31) Priority Document No	:198 12	1)LUKAS HYDRAULIK GMBH & CO. KG
(32) Priority Date	472.4	Address of Applicant :WEINSTRASSE 39, D-91058. Germany
(33) Name of priority country	:23/03/1998	(72) Name of Inventor :
(86) International Application No	:Germany	1)HEINZ HELLER
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 18

(57) Abstract :

The invention relates to a lifting device for lifting heavy loads, e.g. derailed rail vehicles, for permanent or temporary installation, having at least one cylinder (2), in particular hydraulic cylinder, for actuating a mechanical ram (3), in which device cylinder (2) and ram (3) are separate from one another and the ram (3) is accommodated in a guide tube(4).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3085/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : DIFLUOROMETHYLBENZANILIDES

(51) International classification	:C07C 233/65
(31) Priority Document No	: 10322909.4
(32) Priority Date	:21/05/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/005067
Filing Date	:12/05/2004
(87) International Publication No	:WO/2004/103953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT

Address of Applicant :Alfred-Nobel-Str. 50, 40789 Monheim Germany

(72)Name of Inventor :

1)DUNKEL, Ralf

2)ELBE, Hans-Ludwig

3)GREUL, Jörg, Nico

4)HARTMANN, Benoit

5)WACHENDORFF-NEUMANN, Ulrike

6)DAHMEN, Peter

7)KUCK, Karl-Heinz

8)RIECK, Heiko

No of Pages : 66

No of Claims : 10

(57) Abstract :

The invention relates to novel difluoromethylbenzanilides of formula (I), wherein R1, R2, R3, R4, R5 and Z have the meanings cited in the description.

The invention also relates to several methods for the production of said substances and the use thereof in order to combat undesired micro-organisms, and to novel intermediate products and the use thereof.

(54) Title of the invention : HYDRAZONE DERIVATIVES FOR COMBATTING HARMFUL INSECTS AND ARACHNIDS

(51) International classification :A01N 37/28 (31) Priority Document No :60/473,141 (32) Priority Date :27/05/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/EP04/05681 Filing Date :26/05/2004 (87) International Publication No :WO/04/105488 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)BASF AKTIENGESELLSCHAFT Address of Applicant :D-67056 Ludwigshafen Germany (72) Name of Inventor : 1)HOFMANN, Michael 2)KORDES, Markus 3)LANG, Udo 4)BAUMANN, Ernst 5)VON DEYN, Wolfgang 6)PUHL, Michael 7)SCHMIDT, Thomas 8)STEINER, Gerd 9)TREACY, Michael, F. 10)CULBERTSON, Deborah, L. 11)BUCCI, Toni 12)HONG-MING, Shieh 13)MARAVETZ, Lester, L.

No of Pages : 78

No of Claims : 21

(57) Abstract :

The present invention relates to a method for combatting insects or arachnids which comprises contacting the insects or the arachnids, their habitat, breeding ground, food supply, plant, seed, soil, area, material or environment in which the insects or the arachnids are growing or may grow, or the materials, plants, seeds, soils, surfaces or spaces to be protected from insect or arachnid attack or infestation with a pesticidally effective amount of a compound of the general formula (I) or a salt thereof wherein: Ar is a cyclic radical, n is 0 or 1, X is CO or SO₂ and R₁ to R₄ are as defined in claim 1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3155/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD OF ADJUSTING A COMPONENT RELATIVE TO A FRAME, SYSTEM FOR THIS PURPOSE, AND PRODUCT COMPRISING AN ADJUSTED COMPONENT LOCATED ON A FRAME

(51) International classification	:G02B 7/02	(71)Name of Applicant :
(31) Priority Document No	:03101536.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:27/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
(86) International Application No	:PCT/IB2004/050703	(72)Name of Inventor :
Filing Date	:14/05/2004	1)BIERHOFF, Waltherus, C., J.
(87) International Publication No	:WO/2004/107006	2)SCHLEIPEN, Johannes, J., H., B.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 17

(57) Abstract :

Method and device for positioning a component (3) with respect to a frame (2), whereby at least on positioning element (12) is introduced through at least one opening (8) of the frame. One end of the positioning element is inserted into a groove (13) of the component lying on the frame, whereby the end of the positioning element is pressed against at least one wall forming a boundary of the groove for positioning the component into the desired position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PHASE DETECTOR AND METHOD OF PHASE DETECTION

(51) International classification	:H03D 13/00
(31) Priority Document No	:03101533.2
(32) Priority Date	:27/05/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050705
Filing Date	:14/05/2004
(87) International Publication No	:WO/2004/107560
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)KADNER, Martin

No of Pages : 7

No of Claims : 10

(57) Abstract :

In order to provide a phase detector and a method of phase detection which are distinguished by greater sensitivity and simple implementability, at least one differential signal of two input signals (Ua; Ub) may be formed over at least one predefined period by means of a first subtracter (12), at least one maximum value of the at least one differential signal may be detected by means of a first peak detector (16) and at least one minimum value of the at least one differential signal may be detected by means of a second peak detector (18) and at least one further differential signal (Uout) may be formed from the at least one maximum value and the at least one minimum value by means of a second subtracter (14).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :28/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : ASSEMBLY OF A PROTECTION COVER AND A CIRCUIT BOARD

(51) International classification	:G02B 6/38	(71)Name of Applicant :
(31) Priority Document No	:1023290	1)FCI
(32) Priority Date	:28/04/2003	Address of Applicant :145/147 rue Yves Le Coz, F-78000 Versailles
(33) Name of priority country	:Netherlands	France
(86) International Application No	:PCT/EP2004/050469	(72)Name of Inventor :
Filing Date	:07/04/2004	1)MORLION, Danny, Louis, Cornelius
(87) International Publication No	:WO/2004/097483	2)VAN KOETSEM, Jan, Peter, Karel
(61) Patent of Addition to Application Number	:NA	3)VAN DER STEEN, Hendrikus, Petrus, Gijsbertus
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 12

(57) Abstract :

The invention relates to an assembly of a protection cover (1; 20; 30) and a circuit board (7; 29; 34) comprising one or more optical conductors (8; 36). The optical conductors (8; 36) are embedded in said circuit board (7; 29; 34), said circuit board (7; 29; 34) comprising an optical cavity (9; 26; 37) exposing at least a part of said embedded optical conductors (8; 36) and said protection cover (1; 20; 30) is adapted to use said optical cavity (9; 26; 37) as a reference. The invention further relates to a protection cover (1; 20; 30) and a circuit board (7; 29; 34) for use in the assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3185/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :29/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : NE AND/OR N-ALPHA DERIVATIZED, METAL AND ORGANIC PROTECTED L-HISTIDINE FOR COUPLING TO BIOMOLECULES FOR HIGHLY EFFICIENT LABELING WITH [M(OH₂)₃(CO)₃] BY FAC COORDINATION

(51) International classification	:G01N 33/48
(31) Priority Document No	:03076252.0
(32) Priority Date	:29/04/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/004683
Filing Date	:29/04/2004
(87) International Publication No	:WO/2004/097406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITÄT ZÜRICH
Address of Applicant :Rämistrasse 71, CH-8006 Zürich Switzerland
(72)**Name of Inventor :**
1)ALBERTO, Roger
2)PAK, Jaw, Kyoung

No of Pages : 43

No of Claims : 32

(57) Abstract :

The present invention relates to novel histidine derivatives that can be used for the labeling of biomolecules with radioactive metal tricarbonyls. The new derivatives have a histidine that is derivatized at the N ϵ ; and at least protected at the N α ; and optionally at the N δ ; ; or derivatized at the N α ; and at least protected at the N α ; and optionally at the N δ ; ; or derivatized at the N ϵ ; and N α ; and at least protected at the N α ; and optionally at the N δ ; ; or derivatized at the N ϵ ; ; or derivatized at the N α ; ; or derivatized at the N ϵ ; and N α ; ; or at least protected at the N α ; and optionally at the N δ ;

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3186/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :29/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR A PORTABLE WALK-THROUGH METAL DETECTOR

(51) International classification	:G01V
(31) Priority Document No	:60/466,839
(32) Priority Date	:29/04/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/012966
Filing Date	:27/04/2004
(87) International Publication No	:WO/2004/097456
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FISHER RESEARCH LABORATORY
Address of Applicant :200 W. Willmott Avenue, Los Banos, CA 93635.
U.S.A.
(72)**Name of Inventor :**
1)CASTLE, Jonathan
2)JONES, Marvin, E.

No of Pages : 22

No of Claims : 47

(57) Abstract :

A portable walk through metal detector with interchangeable sensor panels and other structural members that can be quickly assembled, or disassembled and transported. The device includes two structural base members to anchor the archway, multiple sensor panels with which the sides of the archway are constructed, and a top cross-member to join and support the walls of the archway. In addition, the top cross-member provides a vehicle platform for moving a disassembled unit with built-in wheels, a handle, and stacking structures to support the other members. A metal detection circuit is also provided that includes a power source and a connection to ground. At least one transmitter circuit is electrically coupled to the power source and ground and a transmit coil is electrically coiled to the transmitter circuit. At least one receiver coil has provided along with an amplifier to be electrically coupled to the receiver coil. An integrator is electrically coupled to the amplifier and a track/hold circuit is electrically to the integrator. A filter is electrically coupled to the track/hold circuit and an output. The circuit provides a high amplitude, low duty cycle excitation pulse, which allows for the sensitivity of a high level excitation signal with the power economy of a much lower energy excitation signal. The receiver circuit collects and conditions the signals resulting from the relatively short duration, large amplitude excitation pulse, and goes in to hold mode during the relatively long charge and idle periods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :30/11/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : TRANSFORMATION OF RECOMMENDER SCORES DEPENDING UPON THE VIEWED STATUS OF TV SHOWS

(51) International classification	:H04N 5/445
(31) Priority Document No	:60/474,830
(32) Priority Date	:30/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/001825
Filing Date	:24/05/2004
(87) International Publication No	:WO/2004/107747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)GUTTA, Srinivas

No of Pages : 20

No of Claims : 40

(57) Abstract :

A device and method for recommending and recording television programming which creates a program recommendation score to recommend programs. The device and method reduces the recommendation priority or score if the program being recommended was previously viewed.

(54) Title of the invention : INHIBITORS OF COX

(51) International classification	:C07D
(31) Priority Document No	:2003902208
(32) Priority Date	:08/05/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/JP04/05987
Filing Date	:26/04/2004
(87) International Publication No	:WO/2004/099130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ASTELLAS PHARMA INC.
Address of Applicant :3-11, Nihonbashi-Honcho 2-chome, Chuo-ku,
Tokyo 103-8411. Japan

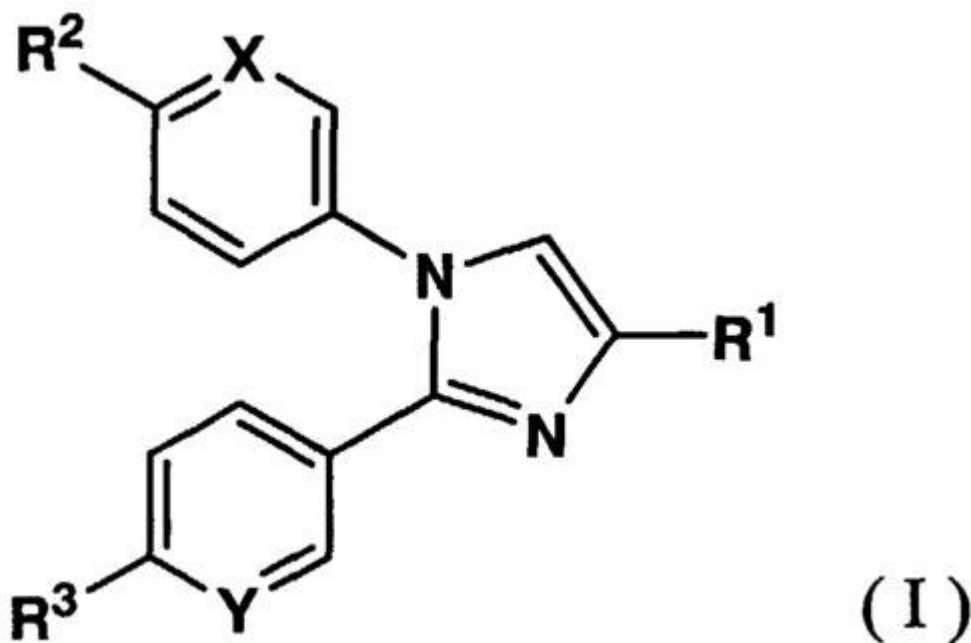
(72)Name of Inventor :
1)TAKAHASHI, Fumie
2)TERASAKA, Tadashi
3)MORITA, Masataka
4)KONISHI, Nobukiyo
5)NAKAMURA, Katsuya

No of Pages : 72

No of Claims : 10

(57) Abstract :

A compound of the formula (I) : wherein R¹ is cyano, and the like; R² is hydroxy, and the like; R³ is (lower)alkoxy, and the like; X and Y are each CH or N; or pharmaceutically acceptable salts thereof, which are useful as a medicament.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3327/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :08/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : MICROCRYSTAL

(51) International classification	:C07D 473/06
(31) Priority Document No	:2003-131417
(32) Priority Date	:09/05/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/06495
Filing Date	:07/05/2004
(87) International Publication No	:WO/04/099207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KYOWA HAKKO KOGYO CO. LTD.

Address of Applicant :6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo
1008185 Japan

(72)Name of Inventor :

1)KURODA, Kazutoshi.

2)AOKI, Noboru.

3)ISHIKAWA, Yasuhiro.

4)KIGOSHI, Makoto.

5)ASANOME, Kazuki.

6)UCHIDA, Akihiro.

7)OCHIAI, Toshiro.

8)HAYAKAWA, Eiji.

No of Pages : 29

No of Claims : 6

(57) Abstract :

Microcrystais of (E)-8-(3,4-dimethoxystyryl)-1,3- diethyl-7-methyl-3,7-dihydro-1H-purine-2,6-dione having an average particle size of less than 50µm; microcrystals of (E)-8-(3,4-dimethoxystyryl)-1,3-diethyl-7-methyl-3,7- dihydro-1H-purine-2,6-dione having an average particle size of less than 50µm and a crystallinity of 20% or more or the like, which possess excellent solubility, stability, bioavailability, dispersing property in a pharmaceutical formulation; and the like are provided. A solid pharmaceutical formulation which is characterized by comprising the same is also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3353/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESSING A SECURITY MESSAGE AUTHENTICATION CONTROL INSTRUCTION

(51) International classification	:G06F 9/30	(71)Name of Applicant :
(31) Priority Document No	:10/435,910	1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:12/05/2003	Address of Applicant : Armonk, NY 10504 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/GB04/01925	1)LUNDVALL, Shawn
Filing Date	:30/04/2004	2)SMITH, Ronald
(87) International Publication No	:WO/04/099976	3)YEH, Phil, Chi-Chung
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 11

(57) Abstract :

A method, system and computer program product for computing a message authentication code for data in storage of a computing environment. An instruction specifies a unit of storage for which an authentication code is to be computed. An computing operation computes an authentication code for the unit of storage.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3386/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : RIG BAKING

(51) International classification	:G06T 15/70
(31) Priority Document No	:60/470,590
(32) Priority Date	:14/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/015119
Filing Date	:12/05/2004
(87) International Publication No	:WO/2004/104749
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIXAR

Address of Applicant :1200 Park Avenue, Emeryville, California 94608
U.S.A.

(72)Name of Inventor :

1)ANDERSON, John

No of Pages : 25

No of Claims : 41

(57) Abstract :

Model components can be used to pose character models to create a variety of realistic and artistic effects. An embodiment of the invention analyzes the behavior of a model component to determine a statistical representation of the model component that closely approximates the output of the model component. As the statistical representation of model components execute faster than the original model components, the model components used to pose a character model can be replaced at animation time by equivalent statistical representations of model components to improve animation performance. The statistical representation of the model component is derived from an analysis of the character model manipulated through a set of representative training poses. The statistical representation of the model component is comprised of a weighted combination of posed frame positions added to a set of posing errors controlled by nonlinear combinations of the animation variables.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :03/01/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PYRAZOLOISOQUINOLINE DERIVATIVES AS KINASE INHIBITORS

(51) International classification	:C07D 471/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVENTIS PHARMACEUTICALS INC.
(32) Priority Date	:NA	Address of Applicant :300 Somerset Corporate Boulevard, Bridgewater,
(33) Name of priority country	:NA	NJ 08807-2854. U.S.A.
(86) International Application No	:PCT/US03/21144	(72)Name of Inventor :
Filing Date	:03/07/2003	1)MAJID, Tahir, N.
(87) International Publication No	:WO/2005/012301	2)HOPKINS, Corey
(61) Patent of Addition to Application Number	:NA	3)PEDGRIFT, Brian, L.
Filing Date	:NA	4)COLLAR, Nicola
(62) Divisional to to Application Number	:NA	5)WIRTZ-BRUGGER, Friederike
Filing Date	:NA	6)MERRILL, Jean

No of Pages : 91

No of Claims : 18

(57) Abstract :

Novel pyrazoloisoquinoline derivatives as kinase inhibitors are disclosed which are suitable for producing pharmaceuticals for the prophylaxis and therapy of diseases whose course involves an increased activity of NIK.

(54) Title of the invention : PREPARATION METHOD OF CATALYST FOR PRODUCING METHACRLIC ACID

(51) International classification	:B01J 27/24	(71)Name of Applicant :
(31) Priority Document No	:2003-154000	1)NIPPON KAYAKU KABUSHIKI KAISHA
(32) Priority Date	:30/05/2003	Address of Applicant :11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo
(33) Name of priority country	:Japan	1028172 Japan
(86) International Application No	:PCT/JP04/07262	(72)Name of Inventor :
Filing Date	:27/05/2004	1)SUDO, Atsushi
(87) International Publication No	:WO/2004/105941	2)SEO, Yoshimasa
(61) Patent of Addition to Application Number	:NA	3)KURAKAMI, Tatsuhiko
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 11

(57) Abstract :

A process for producing a catalyst with which methacrolein, isobutyraldehyde, or isobutyric acid can be catalytically oxidized in a vapor phase to produce methacrylic acid in high yield with high selectivity. The process, which is for producing a catalyst with which methacrolein, isobutyraldehyde, or isobutyric acid can be catalytically oxidized in a vapor phase to produce methacrylic acid, is characterized by comprising: (a) a step in which compounds each containing any of molybdenum, vanadium, phosphorus, copper, cesium, and NH₄ are mixed with water to prepare an aqueous solution or aqueous dispersion (hereinafter, both are collectively referred to as a slurry) of these compounds; (b) a step in which the slurry obtained in the step (a) is dried to obtain a dried slurry; (c) a step in which the dried slurry obtained in the step (b) is burned to obtain a burning product; (d) a step in which the burning product obtained in the step (c) is mixed with water and the mixture is separated by filtration into an aqueous solution and a water-insoluble matter; and (e) a step in which the water-insoluble matter obtained in the step (d) is dried to obtain a dried water-insoluble matter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3406/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD FOR IMPLEMENTING AUTHENTICATION OF HIGH-RATE PACKET DATA SERVICES

(51) International classification :H04L 9/32
(31) Priority Document No :03131035.4
(32) Priority Date :16/05/2003
(33) Name of priority country :China
(86) International Application No :PCT/CN04/00495
Filing Date :17/05/2004
(87) International Publication No :WO/04/102874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to 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 China

(72)Name of Inventor :

1)LI, Zhuo

2)GUO, Shikui

3)SHAO, Yang

4)GAO, Jianghai

5)CHEN, Dianfu

6)LI, Zhiming

7)WU, Weidong

No of Pages : 27

No of Claims : 21

(57) Abstract :

The invention discloses a method of implementing high speed data packet operation authentication, the method includes: user terminal establishing physical connection with access network takes user information saved in user identify module as user identity, starts to authenticate with the authentication entity based on the user identify module; according to said user identity, authentication entity gets the second random data and the second authentication value related to the second random data computed by share secret data; said user terminal computes the first authentication value based on the second random data and share secret data saved itself, authentication entity compares the first authentication value with the second authentication value, if equal, the authentication is succeed, if not equal, the authentication is failing. The method is that authentication is security, cost is lower, operation is conveniency.

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 2-CHLORO-3(PHENYLMETHOXY) PROPIONIC ACID POTASSIUM SALT

(51) International classification	:C07C 227/08
(31) Priority Document No	:MI98A001583
(32) Priority Date	:10/07/1998
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP99/04478
Filing Date	:29/06/1999
(87) International Publication No	:WO/00/02847
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2000/879/CHE
Filed on	:22/12/2000

(71)Name of Applicant :
1)BRACCO IMAGING S.P.A.
Address of Applicant :Via E. Folli, 50, I-20134 Milano Italy
(72)Name of Inventor :
1)AUSONIO, Marina
2)DISTASO, Carlo
3)ELIA, Giuseppe, Gerardo
4)LESIGNOLI, Alessandro
5)PIVA, Rodolfo
6)SECCHI, Carlo
7)VISCARDI, Carlo, Felice

No of Pages : 28

No of Claims : 17

(57) Abstract :

A process for the preparation of 2-Chloro-3-(phenylmethoxy)propionic acid Pottasium Salt without isolating any intermediate which comprises the steps of: Chlorinating methyl acrylate, reacting the resultant 2, 3-dichlorepropionic methyl ester acid with anhydrous sodium benzylate in an organic solvent and treating it with sodium hydroxide, acidifying the resultant 2-chloro-3 (phenylmethoxy) propionic add sodium salt and neub-alizing dle resultant acidic aqueous phase wittl potassium hydroxide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3488/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :22/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : COORDINATION COMPLEX SYSTEM COMPRISING BUILDING BLOCKS

(51) International classification	:B01J 31/00	(71)Name of Applicant :
(31) Priority Document No	:03076827.9	1)UNIVERSITEIT VAN AMSTERDAM
(32) Priority Date	:22/05/2003	Address of Applicant :Spui 21, NL-1012 WX Amsterdam Netherlands
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/50906	1)REEK, Joost, Nicolaas, Hendrik
Filing Date	:24/05/2004	2)CHEN, Ruifang
(87) International Publication No	:WO/2004/103559	3)KAMER, Paul, Clemens, Jozef
(61) Patent of Addition to Application Number	:NA	4)SLAGT, Vincent, Friso
Filing Date	:NA	5)VAN LEEUWEN, Petrus, Wilhelmus, Nicolaas, Maria
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43

No of Claims : 11

(57) Abstract :

The invention relates to a coordination complex system comprising a ligand having at least two donor moieties, which are complexed to at least a metal selected from a transition metal and lanthanide, characterized in that the ligand comprises at least two building blocks, each having at least one functional group and at least one donor moiety, wherein one building block is non-covalently bonded through its functional group to a complementary functional group of another building block or of a template, wherein the template comprises at least one other functional group that is noncovalently bonded to a complementary functional group of another building block, and wherein all building blocktemplate-building block structures are the same when the template contains more than two functional groups.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3494/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :22/12/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR PRODUCING PHTHALIC ANHYDRIDE

(51) International classification	:C07C 51/31	(71)Name of Applicant :
(31) Priority Document No	:103 23 817.4	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:23/05/2003	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/05246	1) NETO, Samuel
Filing Date	:15/05/2004	2)ZÜHLKE, Jürgen
(87) International Publication No	:WO/2004/103944	3)STORCK, Sebastian
(61) Patent of Addition to Application Number	:NA	4)ROSOWSKI, Frank
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 13

(57) Abstract :

The invention relates to a method for producing phthalic anhydride during which the catalytic gas phase oxidation of o-xylol and/or naphthalene ensues over at least three layers of catalysts of increasing activity, whereby only the last layer of the catalyst system contains phosphorous, and the last layer contains at least 10 % by weight of vanadium (expressed as V2O5) with regard to the active mass of the catalyst and has a ratio of vanadium (expressed as V2O5) to phosphorous of greater than 35.

(54) Title of the invention : START UP CIRCUIT FOR DELAY LOCKED LOOP

(51) International classification	:H03L 7/081
(31) Priority Document No	:60/482,260
(32) Priority Date	:25/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2004/000936
Filing Date	:23/06/2004
(87) International Publication No	:WO/2004/114524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)MOSAID TECHNOLOGIES INCORPORATED Address of Applicant :11 Hines Road, Kanata, Ontario K2K 2X1 Canada
(72) Name of Inventor : 1)MAI, Tony

No of Pages : 20

No of Claims : 15

(57) Abstract :

An initialization circuit in a delay locked loop ensures that after power up or other reset clock edges are received by a phase detector in the appropriate order for proper operation, after reset of the delay locked loop, the initialization circuit assures that at least one edge of a reference clock is received prior to enabling the phase detector to increase (or decrease) the delay in a delay line, after at least one edge of a feedback clock is received, the initialization circuit enables the phase detector to decrease (or increase) the delay in a delay line.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.361/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :30/03/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN ABSORPTION CHILLER AND A HEAT EXCHANGER TUBE

(51) International classification	:F 25 B 15/12	(71)Name of Applicant : 1)SANYO ELECTRIC CO., LTD
(31) Priority Document No	:10-86027	Address of Applicant :5-5 KEIHANHONDORI 2-CHOME ,
(32) Priority Date	:31/03/1998	MORIGUCHI-DHI , OSAKA-FU , Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MASAHIRO FURUKAWA
Filing Date	:NA	2)KAZUYASU IRAMINA
(87) International Publication No	: NA	3)HIROYUKI TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)CHIKARA SAEKI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 22

(57) Abstract :

An absorption chiller that uses an aqueous salt solution as an absorbent and water as a refrigerant, the absorption chiller including an evaporator that allows the water to trickle or flow downward onto the outer surface of a heat exchanger tube installed horizontally or approximately horizontally, an absorber that allows the aqueous salt solution to trickle or flow downward onto the outer surface of a heat exchanger tube installed horizontally or approximately horizontally, and a condenser that allows the water to be supplied onto the outer surface of a heat exchanger tube installed horizontally or approximately horizontally. At least one of the heat exchanger tubes is provided, on the inner surface thereof, with protruded threads formed in a spiral fashion. A plurality of rows of projections of a height of 0.2 to 0.4mm with flat portions on the top is provided on the outer surface of the tube successively at a pitch of 0.4 to 0.8mm between projections. The plurality of rows of projections is arranged in a spiral fashion in a direction opposite to that of the protruded threads and separated from each other at a pitch of 0.7 to 1. 4mm. Furthermore, the present invention provides the heat exchanger tube constructed in the forgoing manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :05/05/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : PREPARATION OF AGAR BIONANOPARTICLES

(51) International classification	:A61K 31/702	(71)Name of Applicant : 1)GORUR AMITA
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF MICROBIAL
(32) Priority Date	:NA	TECHNOLOGY, MADURAI KAMARAJ UNIVERSITY, MADURAI.
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)SAMBANDAM SHANMUGASUNDARAM
Filing Date	:NA	3)SUGUNA SHANMUGASUNDARAM
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GORUR AMITA
Filing Date	:NA	2)SAMBANDAM SHANMUGASUNDARAM
(62) Divisional to to Application Number	:NA	3)SUGUNA SHANMUGASUNDARAM
Filing Date	:NA	

No of Pages : 8

No of Claims : 5

(57) Abstract :

A process of preparation of agar bionanoparticles measuring 50nm to 80nm is described. These bionanoparticles prevent calcium induced clotting of human blood plasma, inhibits the growth of onion roots and human epidermoid carcinoma HEp2 cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.383/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :06/05/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN AUTOMATIC DEVICE FOR SWITCHING OFF THE IGNITION SYSTEM OF AN AUTOMOBILE WHENEVER IT COMES TO HALT OVER CONTINUOUS PREDETERMINED PERIOD OF TIME

(51) International classification	:B60Q 1/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.8, HADDOWS
(33) Name of priority country	:NA	ROAD, CHENNAI. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GEORGE RAVINDRAN JAYAPAL
(87) International Publication No	: NA	2)SUDHARSAN SUNDARAM
(61) Patent of Addition to Application Number	:NA	3)ANNAMALAI PALANIAPPAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 3

(57) Abstract :

An automatic device for switching off the ignition system of an automobile whenever it comes to a halt over a continuous predetermined period of time, comprising a sensor for sensing the wheel movement of the automobile; a microcontroller based circuit connected on its input side, to the sensor and on its output side, to the ignition system of the automobile, for receiving, the output signal from the sensor, and switching off the ignition system whenever the sensor senses no wheel movement over a continuous predetermined interval of time; a throttle switch, provided for the throttle and connected to the input side of the microcontroller, said throttle switch being actuated, on opening the throttle, to cause the microcontroller to switch on the ignition system and activate the starter system to re-start the engine, a neutral switch connected to the gear system and to the starter system, the neutral switch disabling the starter system from re-starting the engine unless, while opening the throttle, the gears are in neutral position, to enable the starter system to re-start the engine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :05/04/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : A SPINNING FRAME WITH A COMPACTING DEVICE

(51) International classification	:D01H 5/72	(71)Name of Applicant :
(31) Priority Document No	:198 15	1)MASCHINENFABRIK RIETER AG,
(32) Priority Date	325.2	Address of Applicant :KIOSTERSTRASSE 20, CH-
(33) Name of priority country	:06/04/1998	8406, WINTERTHUR, Switzerland
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)STALDER DR.HERBERT
(87) International Publication No	:NA	2)BUCHER ANDREA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 14

(57) Abstract :

In a spinning frame with a compacting device (26) between a drafting unit and a twisting and winding device a perforated compacting element (262), is being arranged below an umbrella (30). Within the compacting element (262) there is a suction element (200) with a suction device (201). A fibre band (10) runs through the compacting device (26) between the umbrella (30) and the compacting element (262), whereat the height of the gap between the umbrella (30) and the compacting device ranges between 0.5 to 3.5 mm. The air flowing laterally onto the fibre band (10) within the gap of height h can press protruding fibres onto the edge of the fibre band (10) against said fibre band, thereby reducing the hairiness of the yarn (12) in comparison to coventionally produced yarns.

(54) Title of the invention : ONE-PHASE COMMIT IN A SHARED-NOTHING DATABASE SYSTEM

(51) International classification :G06F 17/30
 (31) Priority Document No :60/492,019
 (32) Priority Date :01/08/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/024451
 Filing Date :28/07/2004
 (87) International Publication No :WO/2005/013155
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)ORACLE INTERNATIONAL CORPORATION
 Address of Applicant :500 Oracle Parkway, Redwood Shores, CA
 94065. U.S.A.
 (72)**Name of Inventor :**
1)BAMFORD, Roger
2)CHANDRASEKARAN, Sashikanth
3)PRUSCINO, Angelo

No of Pages : 31

No of Claims : 22

(57) Abstract :

Techniques are provided for handling distributed transaction in shared-nothing database system where one or more of the nodes have access to a shared persistent storage. Rather than coordinate the distributed transaction using a two-phase commit protocol, the coordinator of the distributed transaction uses a one-phase commit protocol with those participants that have access to the transaction status information maintained by the coordinator. The transaction status information may reside, for example, in the redo log of the coordinator. In case that the coordinator fails, those participants can determine the state of the distributed transaction based on information stored on the shared disk. In addition, the coordinator is able to determine whether it is possible to commit the distributed transaction based on information that is stored on the shared disk by the participants, without those participants entering a formal 'prepared ' state.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :21/05/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : NETWORK AND METHOD FOR EXCHANGING USEFUL DATA AND CONTROL DATA

(51) International classification	:H04L 12/28	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V Address of Applicant :GROENEWOUDSEWEG 1,NL-5621 BA EINDHOVEN Netherlands
(31) Priority Document No	:10024153.0	
(32) Priority Date	:19/05/2000	
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)HERRMANN CHRISTOPH
Filing Date	:NA	2)WASEL JOSEF
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 10

(57) Abstract :

The invention relates to a wireless network comprising a radio network controller (1) and a plurality of assigned terminals (2 to 9) for exchanging useful data and control data, which terminals respectively have a buffer for buffering data packets to be transmitted to the radio network controller (1) via a contention channel, and a measuring 5 device for measuring the occupancy level of at least one buffer. A terminal (2 to 9) is provided for transmitting a signaling sequence at a start time respectively predefined by the radio network controller (1) when an occupancy threshold of a buffer or various buffers is exceeded. The radio network controller (1) includes a device for correlating a signaling sequence sent by a terminal (2 to 9) and for detecting the pulse developed from a received 10 and correlated signaling sequence. After a signaling sequence assigned to a terminal (2 to 9) has been detected, the radio network controller (1) sends an indication to the terminal (2 to 9) that the data packets are further transmitted over a channel assigned only to the terminal (2 to 9)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.486/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :24/03/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHODS AND COMPOSITIONS OF NOVEL TRIAZINE COMPOUNDS

(51) International classification :C07D 251/18 (31) Priority Document No :10/253,388 (32) Priority Date :23/09/2002 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2003/009356 Filing Date :26/03/2003 (87) International Publication No :WO/2004/026844 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA		(71)Name of Applicant : 1)REDDY US THERAPEUTICS, INC Address of Applicant : 3065 Northwoods Circle, Norcross, GA 30071-1542 U.S.A. (72)Name of Inventor : 1)TIMMER, Richard, T 2)ALEXANDER, Christopher, W. 3)PILLARISETTI, Sivaram 4)SAXENA, Uday 5)YELESWARAPU, Koteswar, Rao 6)PAL, Manojit 7)REDDY, Jangalgar, Tirupathy 8)REDDY, Velagala, Venkata, Rama, Murali, Krishna 9)ALLURI, Sessa, Sridevi 10)KUMAR, Potlapally, Rajender 11)REDDY, Gaddam, Om

No of Pages : 753

No of Claims : 40

(57) Abstract :

The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.487/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :28/04/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : SPINNING FRAME WITH A COMPACTING DEVICE FOR A FIBRE BAND

(51) International classification	:D01 H13/00	(71)Name of Applicant : 1)MASCHINENFABRIK RIETER AG, Address of Applicant :KIOSTERSTRASSE 20, CH- 8406, WINTERTHUR, Switzerland
(31) Priority Document No	:198 19 022.0	(72)Name of Inventor :
(32) Priority Date	:29/04/1998	1)STALDER HERBERT
(33) Name of priority country	:Germany	2)SCHWAB THOMAS
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 9

(57) Abstract :

In a spinning frame with a compacting device a compacting element (V) with a guiding surface (VF) is being provided with holes (VB). The roughness of the guiding surface in circumferential direction of the compacting element (V) is being increased by providing grooves (VN) which are basically being arranged parallel or inclined to the axis (A) of the compacting element (V). By increasing the roughness the guiding surface (VF) can generate higher drawing forces onto a fibre band (F) in its running direction (L), in particular if the compacting element (V) operates together with a pressure roller.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :04/01/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CLEANING OF FILTRATION MEMBRANES WITH PEROXIDES

(51) International classification	:B01D 65/08
(31) Priority Document No	:03077118.2
(32) Priority Date	:04/07/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/007300
Filing Date	:29/06/2004
(87) International Publication No	:WO/2005/005028
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL N.V.
Address of Applicant :Velperweg 76, NL-6824 BM Arnhem
Netherlands
(72)**Name of Inventor :**
1)HOGT, Andreas, Herman
2)MASLOW, Wasil
3)MEIJER, John

No of Pages : 18

No of Claims : 12

(57) Abstract :

The present invention relates to a process for cleaning a filtration membrane by adding one or more peroxide compounds to the influx. Preferably, one or more activators and/or reductants are added to the influx as well, in order to improve the performance of the peroxide compound. Optionally, one or more chelating agents and/or one or more surfactants can be used in said process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.498/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :20/06/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ACETATLS OR KETALS

(51) International classification	:C07C 43/30	(71)Name of Applicant :
(31) Priority Document No	:00113463.4	1)DSM IP ASSETS .B. V
(32) Priority Date	:26/06/2000	Address of Applicant :HET OVERLOOM 1,6411 TE HEERLEN
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VOLKMAR BOESCH
(87) International Publication No	: NA	2)JUAN RAMON HERGUIJUELA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 21

(57) Abstract :

The present invention relates to a process for the preparation of acetals or ketals which comprises reacting an aldehyde or a ketone with an alcohol in the presence of a solid acid catalyst at a temperature from -50°C to 10°C, and removing water from the reaction product by pervaporation at a temperature from 60°C to 130°C using a hydrophilic membrane which is polymeric or ceramic.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :04/05/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR OBJECTIVELY EVALUATING THE FEEDABILITY QUALITY OF A CONTINUOUS WELDING WIRE

(51) International classification	:B23K 35/00	(71)Name of Applicant : 1)LINCOLN GLOBAL, INC.
(31) Priority Document No	:09/132,587	Address of Applicant :22801 ST.CLAIR AVENUE, CLEVELAND,
(32) Priority Date	:11/08/1998	OHIO 44117-1199, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ARTHUR KRAMER
Filing Date	:NA	2)BORIS KAHN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 25

(57) Abstract :

A method and system of determining the feedability of a continuous welding wire having a known diameter, said method and system comprising the steps of providing a supply of welding wire; pushing the wire by a wire feeder through a welding cable having a given long length and terminating in a welding gun with a tubular contact tip with a wire receiving passage generally matching the selected diameter of said welding wire, sensing the reactive force of the wire feeder as it pushes the wire through the cable and the tip; and causing a generally fixed current to flow between the contact tip and a workpiece whereby the advancing welding wire is melted and transferred to the workpiece in accordance with a given welding process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.522/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :04/06/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PREPARING NOVEL CRYSTALLINE FORM OF GATIFLOXACIN

(51) International classification	:A61K 31/476	(71)Name of Applicant : 1)MATRIX LABORATORIES LTD
(31) Priority Document No	:NA	Address of Applicant :1-1-151/1,IV FLOOR,SAIRAM
(32) Priority Date	:NA	TOWERS,ALEXANDER ROAD,SECUNDERABAC-500 003 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.CHAVA SATYANARAYANA
(87) International Publication No	: NA	2)DR.GORANTLA SEETA RAMANJANEYULU
(61) Patent of Addition to Application Number	:NA	3)MR.INDUKURI VENKATA SUNIL KUMAR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 4

(57) Abstract :

The present invention relates to a process for purification of novel polymorphic form of Gatifloxacin which comprises dissolving Gatifloxacin in about 15 - 50 volumes of methanol by heating to reflux temperature, removing insolubles if any, reducing the volume of the solution to about half of the original volume to one third volume under reduced pressure at temperature below 60°C, gradual cooling and maintaining at temperature of about 10°C to -20°C for about 30 min to about 4 hrs, followed by isolating and drying at temperature of about 45°C to 65°C.

(54) Title of the invention : METHOD FOR IMPLEMENTING A MEMORY

(51) International classification	:G06F 017/30	(71) Name of Applicant : 1)NOKIA TELECOMMUNICATIONS OY
(31) Priority Document No	:971065(FI)	Address of Applicant :KEILALAHDENTIE 4, FIN-02150 ESPOO.
(32) Priority Date	:14/03/1997	Finland
(33) Name of priority country	:Finland	(72) Name of Inventor :
(86) International Application No	:NA	1)TIKKANEN, MATTI
Filing Date	:NA	2)IIVONEN, JUKKA-PEKKA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 20

(57) Abstract :

The invention relates to a method for implementing a memory. The memory is implemented as a directory struture comprising a tree-shaped hierarchy having nodes at several different levels, wherein an individual element may contain the address of a lower node in the tree-shaped hierarchy and wherein an individual element may also be empty, the number of elements in the array corresponding to a power of two, or (ii) a bucket containing at least one element so that the type of an individual element in the bucket is selected from a group including a data unit, a pointer to a stored data unit, a pointer to another directory structure and another directory structure. To optimize storage space occupancy and memory efficiency, trie nodes are maintained in the directory structure in such a way that (1) in a trie node, the number of empty elements is smaller than or equal to half the number of elements in said node or alternatively the number of elements pointing to other trie nodes is greater than a fourth of the number of elements in the node, and (2) the number of addresses in the trie node pointing to other trie nodes is smaller than or equal to half the number of elements in the node, wherein when condition (1) is false the node is halved and when condition (2)is false the node is duplicated.The invention also relates to a structure in which buckets are not employed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :06/07/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A COOLANT FLOW FIELD PLATE FOR A FUEL CELL

(51) International classification	:H01 M8/02	(71) Name of Applicant : 1)SPIC SCIENCE FOUNDATION
(31) Priority Document No	:NA	Address of Applicant :MOUNT VIEW, 111,MOUNT
(32) Priority Date	:NA	ROAD,GUINDY,CHENNAI Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAMKUMAR PERUMAL
Filing Date	:NA	2)MUNUSAMY RAJA
(87) International Publication No	: NA	3)PARTHASARATHI SRIDHAR
(61) Patent of Addition to Application Number	:NA	4)KAVERIPATNAM SAMBAN DHATHATHREYAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 2

(57) Abstract :

A coolant flow field plate for a fuel cell is characterised by a plurality of vertically and parallely disposed channels C.Each channel is open at the top and at the bottom. A horizontally disposed passage pt at the top communicates with the open ends of each channel at the top and a horizontally disposed passage at the bottom Pb communicates with the open ends of each channel at the bottom. The coolant inlet I is in communication with the passage at the bottom open and the coolant outlet 0 is in comm unication with the passage at the top. (See Fig.I)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :15/02/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : AMPLIFYING CIRCUIT COMPRISING AN ENVELOPE MODULATED LIMIT CYCLES MODULATOR CIRCUIT

(51) International classification	:H03F 1/32, H03F 3/27	(71)Name of Applicant :
(31) Priority Document No	:03077273.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:18/07/2003	Address of Applicant :GROENEWOUDSEWEG 1, NL-5621 BA
(33) Name of priority country	:EUROPEAN UNION	EINDHOVEN, NETHERLANDS. Netherlands
(86) International Application No	:PCT/NL2004/000506	(72)Name of Inventor :
Filing Date	:12/07/2004	1)VAN ROERMUND, Arthur, Hermanus, Maria
(87) International Publication No	:WO 2005/008884	2)HEGT, Johannes, Albertus
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 25

(57) Abstract :

An amplifying circuit (10) for amplifying a modulated RF input signal, in particular for use in a radio transceiver circuit. The amplifying circuit (10) comprises a self-oscillating limit cycles modulator circuit (20-22, 26-29, 31-33), arranged for generating an amplified RF output signal from an RF input signal, and an envelope modulator circuit (34-36) arranged for amplitude modulating the RF output signal determined by envelope information extracted from the modulated input signal.

(54) Title of the invention : APPARATUS AND METHOD FOR SESING A FULL LEVEL CONDITION FOR A LARGE BASKET RECEPTACLE OR THE LIKE

(51) International classification	:G01F 23/292	(71) Name of Applicant : 1)DISKEY-JOHN
(31) Priority Document No	:08/822,230	Address of Applicant :15.5 COUNTRY CLUB ROAD AUBURN,
(32) Priority Date	:21/03/1997	ILLINOIS 62615 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)RONALD W STEFFEN
Filing Date	:NA	2)JOHN S GALMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 13

(57) Abstract :

An apparatus and method is disclosed for sensing a full level condition for a large basket. A signal generator an oscillating signal which is applied to energy emitters that are capable of transmitting electrical energy defined paths and across the width of the large basket. The transmitted electrical energy is received by a plurality receivers which output an electrical signal which is representative of the signal applied to the energy emitters when material which is being loaded into said basket does not interfere with the energy being transmitted along the defined paths. A logic circuit analyzes the signals output from the receivers and produces a status signal indicating whether material which is being loaded into the large basket has interfered with the energy being transmitted along the defined paths.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :23/01/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : CHIRAL COPPER COMPLEX CATALYST COMPOSITION AND ASYMMETRIC PRODUCTION PROCESS USING THE SAME

(51) International classification	:C07C 69/74	(71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA 541-8550 Japan
(31) Priority Document No	:2000- 016279	(72)Name of Inventor : 1)GOHFU SUZUKAMO 2)MAKOTO ITAGAKI 3)MICHIO YAMAMOTO
(32) Priority Date	:25/01/2000	
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 3

(57) Abstract :

There is disclosed chiral copper complex catalyst composition, which is obtained by contacting an optically active N-salicylideneaminoalcohol compound of formula (1): with a mono-valent or di-valent copper compound in an inert solvent, wherein R1 and R2 represent an alkyl group and the like, X1 and X2 represent a hydrogen atom, a halogen atom, a nitro group, an alkyl group, an alkoxy group, a cyano group or the like, and the amount of the mono-valent or di-valent copper compound is less than 1 mole per 1 mole of the optically active N-salicylideneaminoalcohol compound of formula (1), and a process for producing an optically active cyclopropane-carboxylic acid ester using the same.

(54) Title of the invention : A FLOOR CLEANING DEVICE

(51) International classification	:A47L	(71) Name of Applicant :
(31) Priority Document No	9/02	1)KRISHNASWAMY RAMASWAMY
(32) Priority Date	:NA	Address of Applicant :ROOTS MULTICLEAN LIMITED,
(33) Name of priority country	:NA	R.K.G.INDUSTRIAL ESTATE, GANAPATHY, COIMBATORE-641 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)KRISHNASWAMY RAMASWAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 10

(57) Abstract :

In a suction-type floor cleaning device, the suction ports and their associated valves are integrated with each other. The brushes are mounted through tapered conical surfaces on connecting members attached to the brush bearings for easy and quick brush removal. Connections to and from the fresh water and wash water tanks are provided on the common lid for said tanks, which is hollow and houses the various hoses. This makes the removal of tanks for cleaning etc. easy. Suction port movement and valve switching is isolated from the operating handle and is operated by a spring- loaded lever handle which rests in the forward cleaning mode. Larger wheels with their peripheries offset from the rear side of the device provide easy movement over stairs. Support wheels on the parking leg, suction ports and device sides take the weight off the brushes during parking, reduce wear on the suction port skirtings and of the brushes respectively.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.649/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :18/04/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : OPIATE ANALOGS SELECTIVE FOR THE DELTA-OPIOID RECEPTOR

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:60/411,724	1)THE CURATORS OF THE UNIVERSITY OF MISSOURI
(32) Priority Date	:18/09/2002	Address of Applicant :475 McReynolds Hall, Columbia, MO 65211-
(33) Name of priority country	:U.S.A.	2015 U.S.A.
(86) International Application No	:PCT/US03/29455	(72)Name of Inventor :
Filing Date	:18/09/2003	1)WELSH, William, J.
(87) International Publication No	:WO/04/026819	2)YU, Seong Jae
(61) Patent of Addition to Application Number	:NA	3)NAIR, Anil
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 60

No of Claims : 9

(57) Abstract :

Abstract Novel compounds which selectively bind to the delta-opioid receptor have been designed. These compounds have greater selectivity, improved water (blood) solubility, and enhanced therapeutic value as analgesics/Because agonists with sefectivity for the delta-opioid receptor have shown promise in providing enhanced analgesis without the addictive properties, the compounds of the present invention are better than morphine, naltrindole (NTI), spiroindanyloxymorphone (SIOM), and other known -opioid receptor selectors as analgesics.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/02/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR TRANSFORMING A FIRST SET OF WRITE PARAMETERS OF A WRITE STRATEGY INTO A SECOND SET OF WRITE PARAMETERS AT A DIFFERENT RECORDING SPEED

(51) International classification	:G11B 7/006
(31) Priority Document No	:03102278.3
(32) Priority Date	:24/07/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/051245
Filing Date	:16/07/2004
(87) International Publication No	:WO 2005/010873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)Name of Inventor :
1)TIEKE, Benno
2)VAN DER VLEUTEN, Maarten

No of Pages : 23

No of Claims : 12

(57) Abstract :

The present invention relates to a method and a corresponding device for transforming a first set of write parameters (W) of a write strategy, in particular a 2T write strategy, for recording marks in an information layer (301) of a record carrier (30) by irradiating the information layer (301) with a pulsed radiation beam (32) at a first recording speed (R) into a second set of write parameters (W') of said write strategy for recording marks at a second recording speed (R'), T representing the length of one period of a reference clock. In order to achieve an at least acceptable recording performance at the second recording speed, it is proposed according to the present invention that the duration of the write pulses is kept substantially constant in time, and the duration of a complete sequence of write pulses for recording a mark is kept substantially constant as a fraction of the reference clock T.

(54) Title of the invention : PROTECTION DEVICE AGAINST VOLTAGE SURGES WITH MOBILE ELECTRODE

(51) International classification	:H01H 83/10	(71)Name of Applicant :
(31) Priority Document No	:02/13378	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:25/10/2002	Address of Applicant :89, boulevard Franklin Roosevelt, F-92500 Rueil
(33) Name of priority country	:France	Malmaison France
(86) International Application No	:PCT/FR2003/002885	(72)Name of Inventor :
Filing Date	:02/10/2003	1)DOMEJEAN, Eric
(87) International Publication No	:WO/2004/042762	2)DICONNE, Robert
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 12

(57) Abstract :

A protection device against surge voltages, connected between an electrical line (50) and the earth connection (52), comprising a first connection electrode (12), a second connection electrode (18) and a switching electrode (22) mobile between an operating position, in contact with the first connection electrode, and a switching position, proximate the second connection electrode. An electrical dipole (36) comprising for example a voltage-dependent resistor (40) and/or a spark gap (38) connects the mobile electrode (22) to the second connection electrode (18). The mobile electrode (22) can be driven by a mechanism, an electromechanical relay and/or a magnetic circuit (46) providing repulsion when the current intensity becomes very high. The separation of the electrodes (12, 22) produces an arc which limits the current passing through the dipole then, by switching on to the second connection electrode (18), switches off the dipole thereby ensuring its protection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.677/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :17/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROTEOMICS METHOD OF DIAGNOSE RENAL DISORDERS

(51) International classification	:G01N 33/68	(71) Name of Applicant : 1)UTPAL TATU
(31) Priority Document No	:NA	Address of Applicant :21,RAMANUJAM APT, IISC CAMPUS,
(32) Priority Date	:NA	BANGALORE-560 012 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)UTPAL TATU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 6

(57) Abstract :

The invention relates to a novel method of determining the proteome pattern of urine sample and a diagnostic kit for diagnosis of renal disorders. The method involving separation of proteins using two- dimensional gel electrophoresis and identification of individual proteins thus separated, by MALDI-TOF mass spectrometry, is a well established and widely used technology, allowing 'proteomic' analysis of biological systems such as cells, organs and biological fluids. This proteomics analysis of protein mixtures provides a single, yet nearly complete and unique 'map' of the protein content of the mixture thereby also enabling quantitative evaluation of individual protein levels. this feature of the proteomics approach has been applied it to the analysis of protein content of the human urine, with suitable modification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.697/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :24/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD FOR -DEVELOPING A SIGNAL CONTAINING AN ORTHOGONAL SEQUENCE FOR EACH TRANSMIT ANTENNA

(51) International classification	:H04B 1/18	(71)Name of Applicant :
(31) Priority Document No	:09/648981	1)LUCENT TECHNOLOGIES INC
(32) Priority Date	:28/08/2000	Address of Applicant :600 MOUNTAIN AVENUE, MURRAY HILL,
(33) Name of priority country	:U.S.A.	NEW JERSEY 07974-0636 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MARKUS RUPP
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

Orthogonal sequences can be developed and used for use training and synchronizing in CDMA and TDMA systems. In particular, once a sequence is developed that has the length of the product of the channel length and the number of transmit antennas, the sequence is offset by a different amount for each transmit antenna. For example, each sequence could be offset by a multiple of the channel length for each transmit antenna, where the multiple ranges from 0 to N-1, where N is the number of transmit antennas. Furthermore, by not using exactly the same amount .of offset shifting for each transmit antenna, e.g., not having each signal offset by the channel length, but keeping the overall total shifting the same, e.g., the average of each shift is the channel length, it is possible to determine at a receiver from which transmit antenna a particular signal originated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/01/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A REACTOR FOR SUPPRESSION OF SOOT FORMATION

(51) International classification	:C01B 3/26	(71)Name of Applicant :
(31) Priority Document No	:60/175,427	1)HALDOR TOPSOE A/S
(32) Priority Date	:11/01/2000	Address of Applicant :NYMOLLEVEJ 55,DK-2800 KGS.LYNGBY
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)IVAR IVARSEN PRIMDAHL
(87) International Publication No	: NA	2)THOMAS SANDAHL CHRISTENSEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 2

(57) Abstract :

The present invention relates to a reactor for suppression of soot formation in the preparation of a gas selected from hydrogen, carbon monoxide and both, comprising within a pressure shell a refractory lining on an inner wall of the shell, an upper portion adapted to receive a hydrocarbon feedstock and an oxygen containing atmosphere and to partially oxidise the feedstock with oxygen, and a lower portion which may be provided with a reforming catalyst adapted to receive and steam reform the partially oxidised gas from the upper portion, and a reforming catalyst arranged at least on surface of the upper portion of the reactor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.702/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :27/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR LIMITING THE NUMBER OF SIMULTANEOUS CALL FORWARDING ATTEMPTS IN A CELLULAR COMMUNICATION SYSTEM

(51) International classification	:H04M 003/42	(71) Name of Applicant : 1)LUCENT TECHNOLOGIES INC
(31) Priority Document No	:09/650794	Address of Applicant :600 MOUNTAIN AVENUE,MURRAY
(32) Priority Date	:30/08/2000	HILL,NEW JERSEY 07974-0636 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)PATRICK JOSEPH BOYLE
Filing Date	:NA	2)MARK ALAN MCCORMICK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 20

(57) Abstract :

The present invention provides a method for limiting.' the number of simultaneous call forwarding attempts for a mobile unit. A call is made for a mobile unit. The call request is sent to the MSC associated with the mobile unit. When the mobile unit is not currently active at the MSC, the MSC sends a location request to an SCPo The SCP responds with a return message that includes a temporary location directory number (TLDN) and an indicator. The MSC checks the current number of simultaneous call forwarding attempts being made for the mobile unit. If the current number of simultaneous call forwarding attempts exceeds a threshold, the MSC does not forward the call. If the number of simultaneous attempts does not exceed a threshold, the MSC forwards the call to the mobile unit by sending it to the TLDN.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.703/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/02/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CONTENT IDENTIFIERS FOR MULTILAYERED OPTICAL STORAGE DISKS

(51) International classification	:G11B 27/32	(71)Name of Applicant :
(31) Priority Document No	:03102359.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:30/07/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	(NL). Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/051287	1)VAN ROMPAEY, Bart
Filing Date	:26/07/2004	2)KUIJPER, Maarten
(87) International Publication No	:WO 2005/010887	3)SEGERS, Josephus, B., M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 15

(57) Abstract :

The present invention is directed towards a method and device for providing data in a layered storage medium, such a storage medium, a signal (19) for provision of layer data in a storage medium as well as to a method and device for indicating correctness of content data on such a layered storage medium. Each layer of the storage medium comprises at least parts of a set of content data and identifying data (26, 28), which identifying data comprises a content identifier (26) that is common for and indicative of the whole set of content data, such that each layer having data belonging to the same set of content data has the same content identifier. In this way wrong combinations of sets of content data can easily be detected.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :28/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR REDUCTING DUST DEPOSITION ON POLYOLEFIN FILMS

(51) International classification	:C08L 67/02	(71) Name of Applicant :
(31) Priority Document No	:00810777.3	1)CIBA SPECIALTY CHEMICALS HOLDINGS INC
(32) Priority Date	:29/08/2000	Address of Applicant :KLYBECKSTARSS 141, 4057 BASEL
(33) Name of priority country	:EUROPEAN	Switzerland
	UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)LELLI NICOLA
Filing Date	:NA	2)ERGENC NADI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 7

(57) Abstract :

The present invention relates to a method for reducing dust deposition on polyolefin films, comprising, incorporating into the polyolefin film a polyetherester amide or a composition containing a polyetherester amide, wherein the polyolefm film is a coextruded film with three to 5 layers wherein at least one outer layer contains a polyetherester amide or a composition containing a polyetherester amide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :28/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS FOR PREPARING (2-HYDROXYPHENYL) OF FORMULA 1

(51) International classification	:C07D 251/24	(71)Name of Applicant :
(31) Priority Document No	:09/033,266	1)CIBA SPECIALTY CHEMICALS HOLDINGS INC
(32) Priority Date	:02/03/1998	Address of Applicant :KLYBECKSTRASSE 141, 4057 BASEL Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)TYLER ARTHUR STEVENSON
Filing Date	:NA	2)MICHAEL ACKERMAN
(87) International Publication No	: NA	3)JOHN FRANCIS OSWALD
(61) Patent of Addition to Application Number	:NA	4)Dr. PASCAL HAYOZ
Filing Date	:NA	5)Dr.ROGER MEUWLY
(62) Divisional to to Application Number	:NA	6)CHRISTIAN SCHREGENBERGER
Filing Date	:NA	

No of Pages : 55

No of Claims : 41

(57) Abstract :

A process for preparing 2-(2,4-dihydroxyphenyl)-4,6-diaryl-s-triazines or related compounds in three steps starting with cyanuric halide or corresponding phenoxy or alkoxy substituted triazine is described. Step 1 involves the nucleophilic displacement of one or two leaving groups in the triazine with a phenolic moiety. Step 2 involves a Friedel-Crafts reaction using a Lewis acid catalyst (preferably aluminum chloride) to replace the remaining leaving group(s) with aryl groups such as xylyl. Finally, step 3 involves replacing the phenolic moiety with a phenol such as resorcinol using preferably a protic acid catalyst or a combination of a Lewis acid and a protic acid catalyst. Alternatively, step 3 may be performed alone, e.g. starting from materials from other processes, or leading directly to a tris-hydroxyphenyl-s-triazine. The s-triazines prepared are useful as UV absorbers for the stabilization of organic substrates against the adverse effects of actinic light.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :28/08/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : IMPROVISED DRY & WET GRINDER

(51) International classification	:A47J 43/07	(71)Name of Applicant : 1)RATHINASAMY GOUNDER JOSEPH LOURTHURAJ
(31) Priority Document No	:NA	Address of Applicant :NO:8 J, BALASUNDARAM NAGAR,
(32) Priority Date	:NA	KAMADHENU NAGAR EXTENSION, K.R.PURAM, COIMBATORE-
(33) Name of priority country	:NA	641 030 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RATHINASAMY GOUNDER JOSEPH LOURTHURAJ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 3

(57) Abstract :

The aim is to provide an AN IMPROVISED DRY & WET GRINDER., involving an unique concept in the grinding technique. It basically has three segments, the Drum Assembly, Stationary Shaft Assembly and the Base Frame. The Drum Assembly carries a Circular Base Stone and a Worm Gear. The Stationary Shaft Assembly consists of a shaft, Upper Feed Arm, lower Feed Arm and a Base Stone. The Base Stone and the Circular Base Stone butt against each other, forming the grinding zone and the food material is guided through the upper feed arm to the grinding area, whereas the lower Feed Arm helps In the recycling process. Fineness and coarseness of the material to be ground is achieved by operating a pressure tam and lever assembly, mounted on top of the stationary shaft. Clockwise turn of the pressure came lever increases the pressure in the grind ing area and vice-versa.

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS

(51) International classification	:H04B 7/08	(71)Name of Applicant :
(31) Priority Document No	:60/421,309	1)QUALCOMM, INCORPORATED
(32) Priority Date	:25/10/2002	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US03/34567	(72)Name of Inventor :
Filing Date	:24/10/2003	1)KETCHUM, John, W.
(87) International Publication No	:WO/04/038952	2)WALLACE, Mark
(61) Patent of Addition to Application Number	:NA	3)WALTON, J., Rodney
Filing Date	:NA	4)HOWARD, Steven, J.
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 42

No of Claims : 50

(57) Abstract :

Channel estimation and spatial processing for a TDD MIMO system. Calibration may be performed to account for differences in the responses of transmit/ receive chains at the access point and user terminal . During normal operation, a MIMO pilot is transmitted on a first link and used to derive an estimate of the first link channel response , which is decomposed to obtain a diagonal matrix of singular values and a first unitary matrix containing both left eigenvectors of the first link and right eigenvectors of a second link . A steered reference is transmitted on the second link using the eigenvectors in the first unitary matrix , and is processed to obtain the diagonal matrix and a second unitary matrix containing both left eigenvectors of the second link and right eigenvectors of the first link . Each unitary matrix may be used to perform spatial processing for data transmission/reception via both links

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :25/01/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A WALL BREACHING WARHEAD

(51) International classification	:F42B 3/00	(71) Name of Applicant :
(31) Priority Document No	:IS 134735	1)RAFAEL-ARMAMENT DEVELOPMENT AUTHORITY LTD
(32) Priority Date	:25/02/2000	Address of Applicant :P O BOX 2250, HAIFA 31021 Israel
(33) Name of priority country	:Israel	(72) Name of Inventor :
(86) International Application No	:NA	1)ZEEV RITMAN
Filing Date	:NA	2)MORDECHAI AVITAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 10

(57) Abstract :

A wall breaching warhead 10 for forming a hole through a brick wall includes a shaped charge 12 of explosive material having a central axis 14. The front surface of shaped charge 12 includes a central portion 16, adjacent to central axis 14, having a generally convexly-curved shape, and an annular portion 18, circumscribing central portion 16, having a generally concavely-curved shape. A metallic liner 20, adjacent to at least annular portion 18 of the front surface of charge 12.

(54) Title of the invention : A CAPSULE CONTAINER

(51) International classification	:A61J 3/07
(31) Priority Document No	:9927144.7
(32) Priority Date	:17/11/1999
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RECKITT BENCKISER (UK) LIMITEDAddress of Applicant :103-105 BATH ROAD, SLOUGH,
BERKSHIRE, SL1 3HU U.K.**2)AQUASOL LIMITED**

(72)Name of Inventor :

1)Paul, John DUFFIELD,**2)Geoffrey, Robert HAMMOND,****3)David, Brian EDWARDS,****4)William, John MCCARTHY,****5)Arnold, Heyworth BECKETT,****6)Anthony, Douglas JACKMAN**

No of Pages : 65

No of Claims : 27

(57) Abstract :

A rigid capsule container comprising a body and a cap(s) made of one or more injection mouldable cellulose derivatives which are water soluble or water dispersible or in which a substantial part of the surface of these components is water soluble or water dispersible so as to leave perforations throughout the wall when the capsular container is placed in contact with an aqueous environment, wherein the container has one to six compartments, preferably one or two or three, the content of the various compartments being accessible to the aqueous environment when the capsular container is exposed to such an aqueous environment and the accessibility time of the various compartments is the same or different from one compartment to another compartment, with the proviso that the content of the container is not a fabric care, surface care or dish washing composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.771/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :15/04/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : NOVEL HETEROCYCLIC COMPOUNDS,PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:C07D 417/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR, REDDY'S LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :7-1-27,AMEERPET HYDERABAD 500 016.
(33) Name of priority country	:NA	Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIDYA BHUSHAN LOHARY
(87) International Publication No	: NA	2)BRAJ BHUSHAN LOHARY
(61) Patent of Addition to Application Number	:NA	3)PARASELLI BHEEMA RAO
Filing Date	:NA	4)GURRAM RANGA MADHAVAN
(62) Divisional to to Application Number	:NA	5)RAMANUJAM RAJAGOPALAN
Filing Date	:NA	6)RANJAN CHAKRAARTI

No of Pages : 80

No of Claims : 13

(57) Abstract :

The present invention relates to new heterocyclic compounds and their pharmaceutical acceptable salts having antidiabetic, hypolipidaemic, anihypertensive properties which could be more potent at relatively lower doses and having better efficacy with lower toxicity. The invention also relates to a process for the preparation of above said novel compounds and pharmaceutically acceptable salts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :15/04/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : MULTIFUNCTION EARPHONE-MICROPHONE DEVICE

(51) International classification	:H04B 1/38	(71)Name of Applicant :
(31) Priority Document No	:9-95950	1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD
(32) Priority Date	:14/04/1997	Address of Applicant :1006, KADOMA, KADOMA-SHI, OSAKA 571,
(33) Name of priority country	:Japan	JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANABU MATSUO
(87) International Publication No	: NA	2)MASAKI HOSHINO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 4

(57) Abstract :

A microcomputer is provided in an earphone-microphone device for the purpose of controlling the transmission/receipt of data with respect to a portable cellular phone by way of a serial data signal line and a serial clock signal line, the operation of a liquid crystal device driver, and the operation of a drive circuit of a vibrator. As a result, an earphone-microphone device itself can perform typical functions of the cellular phone, such as retrieval of phone-number-related data stored in the cellular phone, displaying of the thus-retrieved data, origination of a call to the called party indicated on a display, and actuation of the vibrator when there is an arrival of an incoming call.

(54) Title of the invention : A STATOR FOR A ROTATING ELECTRIC MACHINE

(51) International classification	:H02K 1/17	(71)Name of Applicant :
(31) Priority Document No	:2002-073001	1)MITSUBISHI DENKI KABUSHIKI KAISHA
(32) Priority Date	:15/03/2002	Address of Applicant :2-3 MARUNOUCHI,2-CHOME,CHIYODA-KU,TOKYO-100-8310 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KAZUHISA TAKASHIMA
Filing Date	:NA	2)MASAYUKI TAKAHASHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 6

(57) Abstract :

A stator for a rotating electric machine includes a hollow cylindrical yoke and a magnet assembly which is press fit inside the yoke. The magnet assembly includes a cylindrical magnet holder and a plurality of magnets mounted on the magnet holder. The magnet holder has a first ring portion, a second ring portion spaced from the first ring portion, and a plurality of connecting portions connecting the first and second ring portions. At least one end surface of each magnet contacts one of the ring portions over less than the entire area of the end surface, and the first ring portion contacts the first end surface of each magnet over a sufficiently large area of the first end surface to prevent damage to the magnets during press fitting of the magnet assembly into the yoke.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.804/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A FIXED TRACK AND A METHOD FOR MONITORING THE STATE OF THE SUBSTRUCTURE OF FIXED TRACKS

(51) International classification	:G01C 15/00
(31) Priority Document No	:102 46 312.3
(32) Priority Date	:04/10/2002
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2003/010886
Filing Date	:01/10/2003
(87) International Publication No	:WO/2004/033992
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PFLEIDERER INFRASTRUKTURTECHNIK GMBH & CO. KG
Address of Applicant :Ingolstädter Strasse 51, 92318 Neumarkt
Germany
(72)**Name of Inventor :**
1)KLEEBERG, Jens

No of Pages : 6

No of Claims : 6

(57) Abstract :

The invention relates to a fixed track with substructure supporting plates(1) supporting a track plate(2),characterized in that for monitoring the state of the substructure of the fixed track at the ends(4,5) of the substructure supporting plates (1) measuring bolts(6) are fastened,which in vertical recesses(7) pass freely through said track plate(2).The invention also relates to a method for monitoring the state of the substructure of a fixed track.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.822/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :04/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A COATING AND A METHOD OF COATING A MATERIAL WITH SAID COATING

(51) International classification	:C08K 5/00	(71)Name of Applicant :
(31) Priority Document No	:2002 1668/02	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:07/10/2002	Address of Applicant :Klybeckstrasse 141, CH-4057 Basel Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:PCT/EP2003/010835	1)TITTMANN, Rolf
Filing Date	:30/09/2003	
(87) International Publication No	:WO/2004/031280	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 12

(57) Abstract :

The invention relates to a coating having a thickness of from 5 to 25 μm , comprising a high-molecular-weight organic material and from 5 to 9 g/m² colored pigments, wherein, based on the total amount of colored pigments, (a) from 30 to 90 % by weight of 3,6-di(4'-biphenyl)-2,5-dihydro-pyrrolo[3,4-c]-pyrrole-1,4-dione having a specific surface area of from 20 to 50 m²/g and (b) from 10 to 70 % by weight of a further organic colored pigment, selected from the series consisting of quinacridone, diketo-pyrrolo[3,4-c]-pyrrole, dioxazine, indanthrone, perylene, phthalocyanine and 3-amino-1H-isoindol-1-one-oximatometal complex pigments and solid solutions and mixtures thereof, are present.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.826/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :22/04/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD OF SYNCHRONIZING SATELLITE SWITCHED CDMA COMMUNICATION SYSTEM

(51) International classification	:H04B 07/216	(71)Name of Applicant : 1)AT & CORP.,
(31) Priority Document No	:08/704041	Address of Applicant :32, AVENUE OF THE AMERICAS, NEW
(32) Priority Date	:28/08/1996	YORK, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)DIAKOUMIS PARISSIS GERAKOULIS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract :

Synchronization of a terrestrial transmitted CDMA signal with despreading and resspreading in a remote satellite, for transmission to a second 5 terrestrial site, is achieved in accord with the processes recited in the appended claims. Uplink access and synchronization signals are acquired at a satellite switch and a reference propagation delay time is established in terms of quantified timing marks with intervals within a size range of chip intervals used in the CDMA spreading codes of the system. The propagation delay is defined in terms of one of 10 the quantified timing marks defining when a first signal from a terrestrial subscriber unit is received. This propagation delay is transmitted to a terrestrial subscriber unit and utilized to adjust the timing of uplink CDMA code chips.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/01/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : DRUG FOR CANCER THERAPY

(51) International classification	:A61K 38/16	(71)Name of Applicant :
(31) Priority Document No	:2004-080454	1)MORINAGA MILK INDUSTRY CO., LTD.
(32) Priority Date	:19/03/2004	Address of Applicant :33-1, Shiba 5-chome, Minato-ku, Tokyo,
(33) Name of priority country	:Japan	1088384 Japan
(86) International Application No	:PCT/JP05/04123	(72)Name of Inventor :
Filing Date	:09/03/2005	1)HATAKE, Kiyohiko
(87) International Publication No	:WO/2005/089788	2)TERUI, Yasuhito
(61) Patent of Addition to Application Number	:NA	3)MISHIMA, Yuji
Filing Date	:NA	4)YAMADA, Akio
(62) Divisional to to Application Number	:NA	5)SAKURAI, Takuma
Filing Date	:NA	6)ITOH, Takehito

No of Pages : 47

No of Claims : 26

(57) Abstract :

A lactoferrin partial peptide or lactoferrin hydrolyzate mixture that can be obtained by hydrolysis of lactoferrin with the use of a hydrolase and that in the antibody therapy for cancer, have the efficacy of enhancing the cytotoxic activity of antibody drug. The lactoferrin partial peptide or lactoferrin hydrolyzate mixture can be used as an active ingredient of medicine for enhancing the cytotoxic activity of antibody drug in the antibody therapy for cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.852/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/03/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : A RECORDER, A DISC AND A METHOD FOR RECORDING INFORMATION ON A DISC

(51) International classification	:G11B 7/007
(31) Priority Document No	:03102511.7
(32) Priority Date	:12/08/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/051449
Filing Date	:11/08/2004
(87) International Publication No	:WO 2005/015551
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)MEINDERS, Erwin, R.
2)LANGEREIS, Gerardus, R.,
3)HELLMIG, Joachim, W. ,

No of Pages : 25

No of Claims : 24

(57) Abstract :

When recording information in tracks or in a two-dimensional pattern care must be taken not to irradiate the adjacent tracks or pits. This results in a loss of data density on the recording medium because of the track pitch or pit distance that must be observed. A reduction in track pitch is possible to the point where the focused spot of the laser also irradiates the adjacent land area and tracks or pits. This increases the achievable data density of the recording medium. By using grooves and/or by using a dye with special absorption characteristics the effect of the irradiation of the adjacent tracks or pits can be reduced, effectively only recording marks in the desired location.

(54) Title of the invention : BALL ACTUATOR

(51) International classification	:H01H 3/50	(71) Name of Applicant :
(31) Priority Document No	:0013789	1)SCHNEIDER ELECTRIC INDUSTRIES SA
(32) Priority Date	:27/10/2000	Address of Applicant :89 BOULEVARD FRANKLIN ROOSEVELT,
(33) Name of priority country	:France	F-92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PIERRE BATTEUX
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 17

(57) Abstract :

A ball actuator 10 comprises a case 12 supporting a striker 14 with an energy storage spring 16, a control rod 18 movable in translation in a direction parallel to a geometric axis 19, and detent balls 20 and control balls 22 in equal numbers. When the rod is moved in translation by an electromagnetic relay 100, the control balls 22 escape and enable the detent balls 20 to be freed so that the striker 14 is released. Each control ball 22 is in contact with two detent balls 20 and with the rod 18 so that the forces applied to the rod 18 by the control balls 29 are much lower than the forces exerted by the striker 14 on the detent balls 22. A high-efficiency actuator is thus achieved requiring a low operating energy and with small overall dimensions

(12) PATENT APPLICATION PUBLICATION

(21) Application No.870/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :10/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A BITUMEN COMPOSITION AND A PROCESS OF PREPARING THE SAME

(51) International classification	:C08K 5/098
(31) Priority Document No	:02292520.0
(32) Priority Date	:11/10/2002
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2003/050707
Filing Date	:10/10/2003
(87) International Publication No	:WO/2004/033547
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
Address of Applicant : Carel van Bylandtlaan 30, NL-2596 HR The Hague Netherlands
(72)**Name of Inventor :**
1)DEYGOUT, François Julien Raoul
2)SEIVE, Alain Marcel Bernard

No of Pages : 21

No of Claims : 9

(57) Abstract :

The present invention provides a bitumen composition comprising: -(i)from 0.1 to 25 % wt of an elastomer, (ii) from 0.1 to 40 % wt of a solvent, (iii) from 30 to 99 % wt of a bitumen, (iv) from 0.1 to 30 % wt of a lithium salt of a C10-C40 fatty acid or hydroxy fatty acid, and optionally (v) from 0 to 70 % wt of a filler, all weights based on total bitumen composition, wherein the solvent is of general formula (I), wherein R1 represents a hydrogen atom or a hydrocarbyl group having from 1 to 6 carbon atoms, R2 represents a hydrocarbyl group having from 1 to 6 carbon atoms, and the sum of the carbon atoms in R1 and R2 is from 5 to 10. The invention also relates to a process of preparing a bitumen composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :11/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR ASSIGNING AND SEARCHING A MOBILE SUBSCRIBER ROAMING NUMBER

(51) International classification	:H04Q 7/00	(71)Name of Applicant :
(31) Priority Document No	:02145166.4	1)ZTE CORPORATION
(32) Priority Date	:08/11/2002	Address of Applicant :ZTE PLAZA ,KEJI ROAD SOUTH,HI-TECH
(33) Name of priority country	:China	INDUSTRIAL PARK,NANSHAN DISTRICT,SCHENZHEN
(86) International Application No	:PCT/CN2003/00880	CITY,GUANGDONG PROVINCE 518057 China
Filing Date	:21/10/2003	(72)Name of Inventor :
(87) International Publication No	:WO/2004/043084	1)ZHOU YUXIANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

The present invention provides a method for assigning and searching a mobile subscriber roaming number, wherein a Visitor Location Register, the mobile subscriber roaming number is managed by a plurality of Visitor Location Register modules, said method of assigning a mobile subscriber roaming number is characterized in that, said mobile subscriber roaming number comprises a Visitor Location Register module number, and said Visitor Location Register module number is utilized to directly determine the correspondence relationship between said assigned mobile subscriber roaming number and the Visitor Location Register module in said Visitor Location Register that manages said mobile subscriber roaming number.

(54) Title of the invention : A METHOD FOR PRODUCING TEREPHTHALIC ACID

(51) International classification	:C07C 51/43	(71)Name of Applicant :
(31) Priority Document No	:2002-330754	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:14/11/2002	Address of Applicant :33-8, Shiba 5-chome, Minato-ku, Tokyo 108-
(33) Name of priority country	:Japan	0014. Japan
(86) International Application No	:PCT/JP2003/014550	2)TOMOE ENGINEERING CO., LTD.
Filing Date	:14/11/2003	(72)Name of Inventor :
(87) International Publication No	:WO/2004/043893	1)NUMATA, Motoki
(61) Patent of Addition to Application Number	:NA	2)ISOGAI, Takayuki
Filing Date	:NA	3)OGATA, Tomohiko
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 13

(57) Abstract :

The present invention relates to a method for producing terephthalic acid comprising: (A) a step of oxidizing paraxylene in a solvent mainly comprising acetic acid in the presence of a heavy-metal catalyst with molecular oxygen at a temperature of 130 to 250°C and under a pressure of 0.2 to 12 MPa to obtain a slurry containing terephthalic acid crystals; (B) a solidliquid separation step of separating said slurry into crude terephthalic acid cakes and a mother liquor mainly comprising acetic acid under a pressure between the atmospheric pressure and 12 MPa; (C) a step of cleaning said crude terephthalic acid cakes with a cleaning fluid under a pressure between the atmospheric pressure and 12 MPa; and (D) a step of evaporating any liquid remaining on or in said crude terephthalic acid cakes under a pressure between the atmospheric pressure and 12 MPa after cleaning; characterized in that: said steps (B) and (C) are carried out using a single common a screen bowl decanter internal energy possessed by said terephthalic acid cakes or liquid remaining on or in said terephthalic acid cakes is used as at least a portion of the energy for evaporating the liquid remaining in or on said terephthalic acid cakes in said step (D); and at least part of crystals containing terephthalic acid entrained in vapor produced in said step (D) are recovered and the crystals thus recovered are resupplied to a step for producing terephthalic acid.

(54) Title of the invention : NOVEL N-ARYLSULFONYL-3-SUBSTITUTED INDOLES HAVING SEROTONIN RECEPTOR AFFINITY USEFUL AS THERAPEUTIC AGENTS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:C07D 209/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUVEN LIFE SCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :SERENE CHAMBERS,ROAD NO 7,BANJARA HILLS,HYDERABAD 500 034 Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMAKRISHNA VENKATA SATYA NIROGI
Filing Date	:NA	2)SHIRSATH VIKAS SHREEKRISHNA
(87) International Publication No	: NA	3)KAMBHAMPATI RAMA SASTRI
(61) Patent of Addition to Application Number	:NA	4)RAO VENKATA SATYA VEERABHADRA VADLAMUDI
Filing Date	:NA	5)JASTI VENKATESWARLU
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 3

No of Claims : 98

(57) Abstract :

~ Novel N-Arylsulfonyl -3-substituted indoles as well, process for their preparation are disclosed. These novel indoles are represented by the general formula (I), wherein A may be -CH₂, and R₁₁ and R₁₂' refer to substitutions on the carbon whenever A is CH₂; R₁ to R₂' R₃, R₄, R₅, R₆, R₇, R₈, R₉, R₁₀, R₁₁ to R₁₂' R₁₄ and R₁₅ may be same or different and each independently represent hydrogen, halogen, oxo, thio, perhaloalkyl, hydroxy, amino, nitro, cyano, formyl, amidino, guanidino, substituted or unsubstituted groups selected from linear or branched (C₁-C₁₂)alkyl, (C₁-C₁₂)alkenyl, (C₁-C₁₂)alkynyl, (C₃..; C₇)cycloalkyl, (C₃-C₇)cycloalkenyl, bicycloalkyl, bicycloalkenyl, (C₁-C₁₂)alkoxy, cyclo(C₃-C₇)alkoxy, aryl, aryloxy, aralkyl, aralkoxy, acyl, acyloxy, acylamino, monoalkylamino, dialkylamino, arylamino, diarylamino, aralkylamino, alkoxycarbonyl, hydroxyalkyl, aminoalkyl, monoalkylaminoalkyl, dialkylaminoalkyl, alkoxyalkyl, alkylthio, thioalkyl, alkoxy carbonylamino, aryloxy carbonylamino, aralkyloxy carbonylamino, aminocarbonylamino, alkylaminocarbonylamino, dialkylaminocarbonylamino, alkylamidino, alkylguanidino, di-alkylguanidino, carboxylic acid and its derivatives, sulfonic acids and its derivatives; R₁₃' R₁₆ and R₁₇ may be same or different and each independently represents Hydrogen, substituted or unsubstituted groups selected from linear or branched (C₁-C₁₂)alkyl, (C₁-C₁₂)alkenyl, (C₁-C₁₂)alkynyl, (C₃-C₇)cycloalkyl, (C₃..; C₇)cycloalkenyl, bicycloalkyl, bicycloalkenyl, aryl, aralkyl, heterocyclylalkyl; optionally R₁₃ along with either R₁₆ or R₁₇ and the two nitrogen atoms may form a 6 or 7-membered heterocyclic ring, which may be further substituted with R₁₄ and R₁₅, and may have either one, two or three double bonds; "n" is an integer ranging from 1 to 4, wherein the carbon chains which "n" represents may be either linear or branched. These compounds have serotonin receptor affinity and are useful as therapeutic agents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :11/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM AND METHOD FOR IMPROVING STANDBY TIME BY UTILIZING SLEEP UNIT HANDOFF

(51) International classification	:H04Q 7/38
(31) Priority Document No	:10/292,191
(32) Priority Date	:11/11/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/020392
Filing Date	:28/06/2003
(87) International Publication No	:WO/2004/045236
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM, INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121
U.S.A.
(72)**Name of Inventor :**
1)NEUFELD, Arthur, J.

No of Pages : 16

No of Claims : 24

(57) Abstract :

The mobile station is in the sleep mode until just prior to a designated slot. Upon wakeup, the mobile station ensures a link is maintained with the network by measuring the strength of several pilots. If a neighbor pilot is stronger than the current pilot, a handoff is performed. After handoff, the Control Channel Capsule (CCC) may be demodulated by the mobile station to obtain new overhead information, such as neighbor pilots. If no handoff is performed, the reacquisition slew for the current pilot is measured and fed back to the sleep controller to determine the next wake-up time. The mobile station then returns to sleep mode.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.92/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :15/01/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : EVAPORATOR/CONDENSER FOR A HEAT PUMP

(51) International classification	:F28F 09/02	(71) Name of Applicant : 1)MODINE MANUFACTURING COMPANY
(31) Priority Document No	:08/788,525	Address of Applicant :1500 DEKOVEN AVENUE, RACINE,
(32) Priority Date	:24/01/1997	WISCONSIN 53403. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)TERRY L. CHAPP
Filing Date	:NA	2)C. JAMES ROGERS
(87) International Publication No	: NA	3)WILLKIAM MARKUSEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 15

(57) Abstract :

Improved condensate drainage is achieved while compact size is retained in a condenser/evaporator for use in a heatpump system in a construction having first and second, generally congruent tubular headers, with one of the headers being an upper header and the other of the headers being a lower header. A first row of elongated tube slots is located in the upper header while a second row of elongated tube slots is located in the lower header. Each tube slot in the first row has a corresponding tube slot in the second row and corresponding tube slots, in the rows are aligned with one another. Elongated, straight, flattened tubes extend between the headers, in parallel with each other and a first port is provided for refrigerant in one of the headers and a second port is provided for refrigerant in the other of the headers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.927/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : ASYNCHRONOUS COMMUNICATION SYSTEM

(51) International classification	:G06F 1/00	(71)Name of Applicant :
(31) Priority Document No	:0226661.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/11/2002	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.K.	Netherlands
(86) International Application No	:PCT/IB2003/004992	(72)Name of Inventor :
Filing Date	:05/11/2003	1)ADAMSON, Anthony
(87) International Publication No	:WO/2004/046898	2)FLEMING, George, S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 13

(57) Abstract :

A data storage system, and associated asynchronous communication system and method are described. The data storage system includes data storage means (46) for storing data and an asynchronous transmitter/receiver (45) arranged to communicate over an IEEE 1394 network (30). The data storage means (46) is arranged to accept inputs and to output via an access limiting connector. At least selected data files of the stored data include copy control limiting information, a request for a data file including the copy control limiting information from the data storage means being permitted by the access limiting connector only upon successful authentication. A permitted requested file being encrypted and transmitted asynchronously by the transmitter/receiver (45).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A WELDABLE COMPONENT OF STRUCTURAL STEEL AND A METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C 38/54
(31) Priority Document No	:02 14422
(32) Priority Date	:19/11/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2003/003361
Filing Date	:13/11/2003
(87) International Publication No	:WO/2004/048631
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDUSTEEL CREUSOT
Address of Applicant :Immeuble "La Pacific", La Defense 7, 11/13
Cours Valmy, F-92800 Puteaux France
(72)**Name of Inventor :**
1)BEGUINOT, Jean
2)BRISSON, Jean-Georges

No of Pages : 14

No of Claims : 11

(57) Abstract :

A weldable component of structural steel, its chemical composition comprises, by weight: 0.10%:≤ C : ≤ 0.22% 0.50% : ≤ Si : ≤ 1.50% Al : ≤ 0.9% 0% : ≤ Mn : ≤ 3% 0% : ≤ Ni : ≤ 5% 0% : ≤ Cr : ≤ 4% 0%:≤ Cu : ≤1% 0%:≤ Mo + W/2 : ≤1.5% 0.0005% : ≤ B : ≤ 0.010% N : ≤ 0.025% optionally at least one element selected from V, Nb, Ta, and Ca, at contents of less than 0.3%, and/or from Ti and Zr at contents of less than or equal to 0.5%, wherein the chemical composition comprises 0.50% : ≤ Si : ≤ 1.50%, 0.0005% : ≤ B : ≤ 0.010%, the remainder being iron and impurities resulting from the production operation. The invention also relates to a method for manufacturing the same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.933/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR MAKING AN ABRASION RESISTANT STEEL PLATE AND STEEL PLATE OBTAINED

(51) International classification	:C21D 1/19	(71)Name of Applicant :
(31) Priority Document No	:02/14425	1)INDUSTEEL CREUSOT
(32) Priority Date	:19/11/2002	Address of Applicant :Immeuble "La Pacific", La Défense 7, 11/13
(33) Name of priority country	:France	Cours Valmy, F-92800 Puteaux France
(86) International Application No	:PCT/FR2003/003357	(72)Name of Inventor :
Filing Date	:13/11/2003	1)BEGUINOT, Jean
(87) International Publication No	:WO/2004/048618	2)BRISSON, Jean-Georges
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 9

(57) Abstract :

The invention concerns a method for making an abrasion-resistant steel part consisting of 0.1 % C 0.23 %; 0 % Si 2 %; 0 % Al 2 %; 0.5 % $\text{Si} + \text{Al}$ 2 %; 0 % Mn 2.5 %; 0 % Ni 5 %; 0 % Cr 5 %; 0 % Mo 1 %; 0 % W 2 %; 0.05 % $\text{Mo} + \text{W}/2$ 1 %; 0 % B 0.02 %; 0 % Ti 0.67 %; 0 % Zr 1.34 %; 0.05 % $\text{Ti} + \text{Zr}/2$ 0.67 %; 0 % S 0.15 %; $\text{N} < 0.030$, optionally 0 % to 1.5 % of Cu ; optionally Nb , Ta and V such that $\text{Nb}/2 + \text{Ta}/4 + \text{V}$ 0.5 %; optionally Se , Te , Ca , Bi , Pb contents 0.1 %; the rest being iron and impurities. Additionally: 0.095 % $\text{C}^* = \text{C} - \text{Ti}/4 - \text{Zr}/8 + 7\text{xN}/8$, $\text{Ti} + \text{Zr}/2 - 7\text{xN}/2$ 0.05 % and $1.05\text{xMn} + 0.54\text{xNi} + 0.5\text{OxCr} + 0.3\text{x}(\text{Mo} + \text{W}/2)^{1/2} + \text{K} > 1.8$, with $\text{K} = 1$ if $\text{B} \text{ (G)} > 0.0005$ % and $\text{K} = 0$ if $\text{B} < 0.0005$ %. After austenitization, the method consists in: cooling at a speed > 0.5 °C/s between AC3 and $\text{T} = 800 - 270\text{x}\text{C}^* - 90\text{xMn} - 37\text{xNi} - 70\text{XCr} - 83\text{x}(\text{Mo} + \text{W}/2)$ and about $\text{T} - 50$ °C; then cooling at a speed $0.1 < \text{Vr} < 1150\text{xep} - 1.7$ between T and 100 °C, (ep = thickness of plate in mm); cooling down to room temperature and optionally planishing. The invention also concerns the resulting plate.

(54) Title of the invention : VIDEO ABSTRACTING

(51) International classification	:G11B 21/10	(71)Name of Applicant :
(31) Priority Document No	:03102566.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:18/08/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/051383	1)BARBIERI, Mauro
Filing Date	:04/08/2004	
(87) International Publication No	:WO 2005/017899	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 12

(57) Abstract :

A method of creating a collection of relevant video segments (201,203) by selecting respective portions (222-234, 242-254) from a video stream (200) which corresponds to a program is disclosed. The collection of relevant video segments (201,203) can be applied as video trailer or as video abstract. Hence the duration of the collection of relevant video segments is relatively short compared with the duration of the program. The method comprises: receiving transcript information associated with the program, the transcript information comprising a plurality of sentences; detecting a first exclamatory syntactical element in a first one of the sentences; selecting a first one of the portions (202) from the video stream (200), which corresponds to the first exclamatory syntactical element; and associating the first one of the portions (202) with a first one of the relevant video segments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.938/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :05/05/1997

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC TIME DIVISION ACCESS

(51) International classification	:H 04J3/06	(71) Name of Applicant :
(31) Priority Document No	:08/701342	1)AT & T CORP
(32) Priority Date	:22/08/1996	Address of Applicant :32 AVENUE OF THE AMERICAS,NEW
(33) Name of priority country	:U.S.A.	YORK,10013-2412 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ALBERT BENZIMRA
(87) International Publication No	: NA	2)RICHARD F PACE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 22

(57) Abstract :

The present invention is a system and method for providing wireless packet data transmission without dependence on a fixed time slot access method or central timing mechanism. An available radio frequency (RF) channel in a communications network is divided into time frames which are further divided into time slots, wherein corresponding single time slots in each frame define a logical channel for carrying user packet data. The network includes a plurality of nodes divided into at least two time domain groups, wherein the time domain groups are divided into segments. Each of the time domain groups includes an independent timing source for synchronizing the time slots of logical channels within a time domain, wherein communication between nodes is accomplished through a data messaging scheme, such as a token passing scheme. Buffer segments interface between the time domain groups. The buffer segments maintain logical synchronization for communication between interconnected time domains by dynamically reassigning the token from the logical channel of a first time domain to an unused time slot of another logical channel in response to a given offset condition. The logical channel for dynamic reassignment is chosen such that the time slot of a first time domain does not overlap the logical channel used by a second time domain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :04/02/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : A CONCRETE SLEEPER FOR A RAILWAY TRACK WITH MONOBLOCK OR DOUBLE BLOCK SLEEPERS

(51) International classification	:E01B 37/00	(71)Name of Applicant : 1)PATIL PFLEIDERER TRACK SYSTEMS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :205&206, AMARCHAND SHARMA
(32) Priority Date	:NA	COMPLEX, SARDAR POATEL ROAD, SECUNDERABAD. Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BACHMANN, HANS
(87) International Publication No	: NA	2)GEISSLER. FRANZ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 12

(57) Abstract :

A concrete sleeper for a railway track with monoblock sleepers or double block sleepers characterised in that at least one projecting concrete block (7, 7', 7", 7''') is provided integrally on the lower side of each concrete sleeper block (2,3) and reinforcements are embedded in the concrete sleeper with part of the reinforcements (4) projecting out from the lower side of the concrete sleeper blocks (2,3) wherein the height of the projecting concrete block (7, 7', 7", 7''') is more than the length of the projecting part of the reinforcements (4) below the concrete sleeper (1) allowing placing of the concrete sleeper block on a support layer (5) before alignment and embedding in concrete mass.

(54) Title of the invention : A DATA TRANSMISSION APPARATUS

(51) International classification	:H04L 25/03	(71)Name of Applicant :	
(31) Priority Document No	:7-077974	1)MATSUSHITA ELECTRIC INDUSTRIAL CO LTD	
(32) Priority Date	:03/04/1995	Address of Applicant :1006,OAZA KADOMA,KADOMA-	
(33) Name of priority country	:Japan	SHI,OSAKA 571-8501 Japan	
(86) International Application No	:NA	2)KABUSHIKI KAISHA TOSHIBA	
Filing Date	:NA	(72)Name of Inventor :	
(87) International Publication No	: NA	1)TANAKA SHIN-ICHI	
(61) Patent of Addition to Application Number	:NA	2)KOJIMA TADASHI	
Filing Date	:NA	3)HIRAYAMA KOICHI	
(62) Divisional to Application Number	:552/MAS/1996	4)SHIMADA TOSHIYUKI	
Filed on	:03/04/1996		

No of Pages : 103

No of Claims : 12

(57) Abstract :

A data transmission apparatus for transmitting an original data has a converter for converting the original data to sequential data codes. The data code is formed by a combination of HIGH level binary codes and LOW level binary codes. The maximum length of a continuous binary codes of one level, such as HIGH level, in the data codes is limited to Tmax' e.g., to 14T, in which T is a unit length representing one binary code, and the minimum length of a continuous binary codes of one level, such as HIGH level, in the data codes is limited to Tmin' e.g., 3T. A generator generates a synchronization code. The synchronization code is formed by a combination of HIGH and LOW level binary codes. The synchronization code comprises an identifier having a continuous binary codes of one level, such as HIGH level, with a predetermined length 16T which is 2T greater than Tmax. An inserter inserts the synchronization code intermittently in the sequential data codes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :17/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : ABRASION RESISTANT STEEL AND METHOD OF PRODUCING THE SAME

(51) International classification	:C21D 1/19
(31) Priority Document No	:02/14424
(32) Priority Date	:19/11/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2003/003359
Filing Date	:13/11/2003
(87) International Publication No	:WO/2004/048620
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDUSTEEL CREUSOT
Address of Applicant :IMMEUBLE "LA PACIFIC", LA DEFENSE 7,
11/13 COURS VALMY, 92800 PUTEAUX. France

(72)**Name of Inventor :**
1)BEGUINOT, Jean
2)BRISSON, Jean-Georges

No of Pages : 19

No of Claims : 20

(57) Abstract :

The fabrication of a steel resistant to abrasion consists of subjecting the sheet to a heat treatment in the hot forming operation or after austenite by reheating in a furnace. The hardening process involves: (a) cooling at a medium cooling rate of greater than 0.5 degrees C/s between a temperature greater than Ac3 and a given temperature between T and T-50; (b) then cooling at a core medium cooling rate Vr less than $1150 \times \text{ep power} - 1.7$ and greater than 0.1 degrees C/s between the temperature T and 100 degrees C, ep being the thickness of the sheet in mm; and (c) cooling to ambient temperature and possibly performing a planishing operation. The temperature T is defined as being: $T=800-270 \times C \text{ asterisk}-90 \times \text{Mn}-37 \times \text{Ni}-70 \times \text{Cr}-83 \times (\text{Mo}+\text{W}/2).C \text{ asterisk}=\text{C}-\text{Ti}/4-\text{Zr}/8+7 \times \text{N}/8$.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :04/05/1998

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND AN APPARATUS FOR CONTROLLING THE PRODUCTION OF A LIQUEFIED NATURAL GAS

(51) International classification	:F 25 J 001/00	(71)Name of Applicant : 1)AIR PRODUCTS AND CHEMICALS, INC.
(31) Priority Document No	:08/899899	Address of Applicant :7201 HAMILTON BOULEVARD ,
(32) Priority Date	:24/07/1997	ALLENTOWN, PA 18195-1501 , U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)JORGE ANIBAL MANDLER
Filing Date	:NA	2)PHILIP A BROCHU
(87) International Publication No	: NA	3)JAMES ROBERT HAMILTON,JR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 33

(57) Abstract :

The present invention relates to a method and an apparatus for controlling the production of a liquefied natural gas (LNG) outlet stream (222) by refrigeration of the natural gas flowing through a liquefaction process, comprising the steps of: (a) measuring a temperature and a flow rate of the LNG outlet stream (222); and (b) varying the refrigeration of the natural gas to adjust the temperature value of the LNG outlet stream (222) and independently adjusting the rate of the LNG flowing through the process, thereby to maintain the flow rate of the LNG outlet stream (222) at a predetermined flow value and the temperature at a predetermined temperature value.

(54) Title of the invention : PROCESS FOR THE PREPARATION OF AMMONIA FROM A HYDROGEN AND NITROGEN CONTAINING SYNTHESIS GAS.

(51) International classification	:C10C 001/04	(71)Name of Applicant :
(31) Priority Document No	:60/071,283	1)HOLDOR TOPSOE A/S
(32) Priority Date	:13/05/1996	Address of Applicant :NYMOLLEVEJ 55, DK-2800
(33) Name of priority country	:Denmark	LYNGBY,DENMARK. Denmark
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NIELS UDENGAARD
(87) International Publication No	: NA	2)JOHN SKAANDERUP LARSEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 3

(57) Abstract :

The present invention relates to a process for the preparation of ammonia from a hydrogen and nitrogen-containing synthesis gas comprising steps of ;a) admixing to the synthesis gas a first and a second recycle gas stream from ammonia separation steps (t) and (g) ; (b) pressurizing the admixed gas from step (a) (c) dividing the gas from step (b) into a first make up gas stream and a second make up gas stream; (d) introducing the first make up gas stream into a first ammonia reactor and withdrawing a first process stream being rich in ammonia; (e) introducing the second ammonia make up gas stream into a second ammonia reactor and withdrawing a second process stream being rich in ammonia; (f) separating ammonia from the first process stream and recycling the remainder of the process stream being the first recycle gas stream to step (a); (g) separating ammonia from the second process stream and recycling the remainder of the process stream being the second recycle gas stream to step (a); (h) combining separated ammonia from step (f) and step (g) and forming an ammonia product stream. (i) withdrawing the ammonia product stream.

(54) Title of the invention : CONTAINER AND GENERALLY ELONGATED ITEM FEED-DISPENSING MACHINE

(51) International classification	:B65G 47/14	(71) Name of Applicant :
(31) Priority Document No	:P200202691	1)MULET VALLES, Tomas
(32) Priority Date	:22/11/2002	Address of Applicant :C/ Cavall Bernat, 35, 08230 MATADEPERA
(33) Name of priority country	:Spain	(BARCELONA) Spain
(86) International Application No	:PCT/ES2003/000589	(72) Name of Inventor :
Filing Date	:20/11/2003	1)COMAS CORRAL, Javier
(87) International Publication No	:WO/2004/048236	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 14

(57) Abstract :

The inventive machine consists of a hopper (1) into which the objects are dropped in a random manner, said hopper comprising a base (2) which is inclined towards an adjustable outlet (3). A unit dispensing element (5) is disposed below the aforementioned outlet and dispenses units in the direction of an unloading plate (22) with a grooved front edge (23) which intersects with the blades (11) of an elevator (6). The distance between said blades is less than double the width of the objects to be handled. The elevator leads to a transfer mechanism consisting of a conveyor (27) which also comprises grooved blades (28) and which is disposed on a base plate (29) that is bordered by two rails (30) which guide the objects towards a chute (17). Moreover, tilting means are provided in order to tilt the objects as they fall through the chute, such that said objects adopt the correct position upon reaching the outfeed conveyor (41), between two lateral walls (34). The outfeed conveyor (41) co-operates with another conveyor (36) which is provided with numerous push elements (35), the distance between said push elements corresponding to the width of the objects to be conveyed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.970/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :19/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : AN INKJET PRINthead AND A METHOD OF EJECTING A DROP OF A BUBBLE FORMING LIQUID FROM A PRINthead

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:B41J 2/135 :10/302,577 :23/11/2002 :U.S.A. :PCT/AU03/01500 :17/11/2003 :WO/04/048110 :NA :NA :NA :NA	(71)Name of Applicant : 1)SILVERBROOK RESEARCH PTY LTD Address of Applicant :393 Darling Street, Balmain, New South Wales 2041 Australia (72)Name of Inventor : 1)SILVERBROOK, Kia

No of Pages : 51

No of Claims : 33

(57) Abstract :

There is disclosed an ink jet printhead which comprises a plurality of nozzles and one or more heater elements corresponding to each nozzle. Each heater element is configured to heat a bubble forming liquid in the printhead to a temperature above its boiling point to form a gas bubble therein. The generation of the bubble causes the ejection of a drop of an ejectable liquid (such as ink) through the respective corresponding nozzle, to effect printing. The printhead includes a structure which is less than 10 microns thick, on which the nozzles are incorporated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.971/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/12/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : NEW COMPOUNDS AND THEIR USE IN MEDICINE PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. REDDY'S LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :7-1-27,AMEERPET,HYDERABAD 500 016
(33) Name of priority country	:NA	Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEBNATH BHUNIYA
(87) International Publication No	: NA	2)SAIBAL KUMAR DAS
(61) Patent of Addition to Application Number	:NA	3)GURRAM RANGA MADHAVAN
Filing Date	:NA	4)JAVED IQBAL AND RANJAN CHAKRABARTI
(62) Divisional to to Application Number	:NA	5)REEBA KANNIMEL VIKRAMADITHYAN
Filing Date	:NA	

No of Pages : 118

No of Claims : 13

(57) Abstract :

The present invention relates to novel alkoxy propionic acid and their pharmaceutical acceptable salts having use as antidiabetic,hypolipidemic,antiobesity and hypocholesterolemic compounds. The invention also relates to a process for the preparation of above said novel compounds and pharmaceutically acceptable salts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.973/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :19/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : THERMAL INK JET WITH CHEMICAL VAPOR DEPOSITED NOZZLE PLATE

(51) International classification	:B41J 2/05	(71)Name of Applicant :
(31) Priority Document No	:10/302,668	1)SILVERBROOK RESEARCH PTY LTD
(32) Priority Date	:23/11/2002	Address of Applicant :393 Darling Street, Balmain, New South Wales
(33) Name of priority country	:U.S.A.	2041 Australia
(86) International Application No	:PCT/AU2003/001513	(72)Name of Inventor :
Filing Date	:17/11/2003	1)SILVERBROOK, Kia
(87) International Publication No	:WO/2004/048107	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 53

No of Claims : 49

(57) Abstract :

There is disclosed an ink jet printhead which comprises a plurality of nozzles and one or more heater elements (10) corresponding to each nozzle. Each heater element (10) is configured to heat a bubble forming liquid (11) in the printhead to a temperature above its boiling point to form a gas bubble (12) therein. The generation of the bubble (12) causes the ejection of a drop of an ejectable liquid (such as ink) through the respective corresponding nozzle (3), to effect printing.The printhead has a structure that is formed by chemical vapor deposition (CVD) on which the nozzles are incorporated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :24/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A COMMUNICATION SYSTEM FOR CELL MIGRATION AND METHOD THEREOF

(51) International classification	:H04Q 7/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:NA	Address of Applicant : S-164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/SE2003/000035	1)ENGSTRÖM, Anna, Barbro, Ulrika
Filing Date	:13/01/2003	2)JOHANSSON, Martin, Nils
(87) International Publication No	:WO/2004/064430	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 9

(57) Abstract :

The present invention relates to cell plans and cell plan changes in point to multipoint systems (PMP). A cell plan arrangement is provided comprising cells having four 90° sectors to which individual sector at least one of four orthogonal channels, such as channels distinguished by two frequencies and two polarisations, are allocated. A method is furthermore provided allowing gradual sector-by-sector migration into a 45° sector cell plan. The cell plan offers advantageous carrier to interference ration (C/I) improvements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/738/CHE A

(19) INDIA

(22) Date of filing of Application :28/11/2000

(43) Publication Date : 01/06/2007

(54) Title of the invention : PREPARATION OF ISOXAZOLIN-3-YLACYLBENZENES

(51) International classification :C07D 261/04		(71)Name of Applicant :
(31) Priority Document No :19820722.0-09		1)BASF AKIENGESELLSCHAFT
(32) Priority Date :11/05/1998		Address of Applicant :67056 LUDWIGSHAFEN, Germany
(33) Name of priority country :Germany		(72)Name of Inventor :
(86) International Application No :PCT/EP99/03006		1)RHEINHEIMER, JOACHIM,
Filing Date :04/05/1999		2)VON DEYN, WOLFGANG,
(87) International Publication No :WO 99/58509		3)GEBHARDT, JOACHIM
(61) Patent of Addition to Application Number :NA		4)RACK, MICHAEL
Filing Date :NA		5)LOCHTMAN, RENE
(62) Divisional to to Application Number :NA		6)GOTZ, NORBERT
Filing Date :NA		7)KEIL, MICHAEL,
		8)WITSCHER, MATTHIAS,
		9)HAGEN, HELMUT
		10)MIBLITZ, ULF
		11)BAUMANN, ERNST

No of Pages : 62

No of Claims : 14

(57) Abstract :

The present invention relates to A process for preparing isoxazoles of the formula I. where the substituents are as defined below: R is hydrogen, C1-C6-alkyl, R2 is C1-C6-alkyl R3, R4, R5 are hydrogen, C1-C6-alkyl, or R4 and R5 together form a bond, R6 is a heterocyclic ring, N is 0, 1 or 2; Which comprises preparing an intermediate of the formula VI Where R1,R3,R4 and R5 are as defined above, and subsequent reaction to give compounds of the formula I.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1550/CHE A

(19) INDIA

(22) Date of filing of Application :07/11/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR THE PREPARATION OF SITALOPRAM

(51) International classification	:C07D 307/87
(31) Priority Document No	:09977920
(32) Priority Date	:14/04/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK99/00210
Filing Date	:14/04/1999
(87) International Publication No	: WO/99/30548
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)H LUNDBECK A/S
Address of Applicant :OTTILIAVEJ,DK-2500 VALBY-
COPENHAGEN Denmark
(72)**Name of Inventor :**
1)HANS PETERSEN

No of Pages : 18

No of Claims : 15

(57) Abstract :

The present invention provides a method for the preparation of citalopram comprising reductive hydrolysis of a compound of Formula (IV) wherein R is N,N-disubstituted amid group or an optionally substituted 4, 5-dihydro-1,3-oxazol-2-yl group, and conversion of the resulting 5-formyl compound to citalopram.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/181/CHE A

(19) INDIA

(22) Date of filing of Application :07/02/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : A CONTRACEPTIVE DEVICE

(51) International classification	:A61F 6/20
(31) Priority Document No	:09/112,085
(32) Priority Date	:08/07/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/15560
Filing Date	:08/07/1999
(87) International Publication No	: WO/00/13624
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMS RESEARCH CORPORATION
Address of Applicant :10700 BREN ROAD WEST MINNETONKA
MINNESOTA 55343 U.S.A.
(72)**Name of Inventor :**
1)CALLISTER, Jeffrey, P
2)TREMULIS, William, S

No of Pages : 19

No of Claims : 35

(57) Abstract :

A device for occluding a body lumen, and particularly contraceptive or sterilization device for occluding a reproductive tract or lumen to prevent the passage of reproductive cells through the tract or lumen, generally comprising a tubular member, and a mesh member, transversely disposed on the tubular member lumen. The mesh member is permeable to allow for tissue ingrowth, which produces a tissue impregnated mesh occluding the body lumen. The occluding device of the invention can be used in the fallopian tubes of a female patient, the vas deferens of a male patient, or other body lumen.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/348/CHE A

(19) INDIA

(22) Date of filing of Application :13/03/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : NOVEL FACTOR VIIa INHIBITORS

(51) International classification	:A61K 38/00	(71)Name of Applicant :
(31) Priority Document No	:EP 98117506.0	1)SANOFI-AVENTIS DEUTSCHLSND GMBH
(32) Priority Date	:15/09/1998	Address of Applicant :Bruningstrasse 50, D-65929 Frankfurt am Main
(33) Name of priority country	:U.K.	Germany
(86) International Application No	:PCT/EP1999/006449	(72)Name of Inventor :
Filing Date	:02/09/1999	1)SAFAR, Pavel
(87) International Publication No	:WO/2000/015658	2)SAFAROVA, Alena
(61) Patent of Addition to Application Number	:NA	3)WILDGOOSE, Peter
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 59

No of Claims : 10

(57) Abstract :

The present invention relates to novel compounds, their preparation, their use and pharmaceutical compositions containing the compounds which have a strong antithrombotic effect through reversible inhibition of activated blood coagulation factor VIIa (FVIIa).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/361/CHE A

(19) INDIA

(22) Date of filing of Application :15/03/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR PREPARING CONDITIONED MEDIUM AND THE CONDITIONED MEDIUM THEREOF

(51) International classification :C12N 5/06

(31) Priority Document No :60/175,581

(32) Priority Date :11/01/2000

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

(86) International Application No :PCT/US2001/001030

Filing Date :10/01/2001

(87) International Publication No :WO/2001/051616

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GERON CORPORATION

Address of Applicant :230 Constitution Drive Menlo Park, CA 94025

U.S.A.

(72)Name of Inventor :

1)CARPENTER, Melissa, K.

2)FUNK, Walter, D.

3)GOLD, Joseph, D.

4)INOKUMA, Margaret, S.

5)XU, Chunhui

No of Pages : 105

No of Claims : 5

(57) Abstract :

A method for producing a conditioned medium suitable for culturing pluripotent stem cells in a growth environment essentially free of feeder cells comprising: culturing pluripotent stem cells in a medium such as herein described, at a temperature of 20 -40°C, wherein the cells are a euploid cell line that can proliferate in culture for a period of 1-24 weeks; and harvesting the medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/818/CHE A

(19) INDIA

(22) Date of filing of Application :15/06/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUBTILASE ENZYMES HAVING AN ADDITIONAL AMINO ACID RESIDUE IN AN ACTIVE SITE LOOP REGION

(51) International classification	:C11D 3/386	(71)Name of Applicant :
(31) Priority Document No	:PA 1998 01674	1)NOVOZYMES A/S
(32) Priority Date	:18/12/1999	Address of Applicant : Krogshoejvej 36 DK-2880 Bagsvaerd Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:PCT/DK99/00714	1)ANDERSEN VILBOUR, Kim
Filing Date	:20/12/1999	2)MIKKELSEN, Frank
(87) International Publication No	:WO/00/37599	3)HANSEN KAMP, Peter
(61) Patent of Addition to Application Number	:NA	4)ANDERSEN, Carsten
Filing Date	:NA	5)NØRREGAARD-MADSEN, Mads
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 62

No of Claims : 24

(57) Abstract :

This invention relates to a subtilase enzymes of the I-S1 and I-S2 sub- groups having at least one additional amino acid residue in position 99 of the active site loop(b) region from position 95 to 103,whereby said additional amino acid residue(s) correspond to the insertion of at least one amino acid residue between positions 99 and 100.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/888/CHE A

(19) INDIA

(22) Date of filing of Application :25/06/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR THE PREPARATION OF CITALOPRAM

(51) International classification	:A61K 31/343	(71)Name of Applicant :
(31) Priority Document No	:09891874	1)H. LUNDBECK A/S
(32) Priority Date	:25/10/1999	Address of Applicant :Ottoliavej 9 DK-2500 Valby Copenhagen
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/DK1999/000581	(72)Name of Inventor :
Filing Date	:25/10/1999	1)ROCK, Michael, Harold
(87) International Publication No	:WO/2000/012044	2)PETERSEN, Hans
(61) Patent of Addition to Application Number	:NA	3)ELLEGAARD, Peter
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 12

(57) Abstract :

This invention relates to a method for the preparation of citalopram comprising reaction of a compound of Formula (IV), wherein R is C1-6 alkyl, acyl, C1-6 alkylsulfonyl or arylsulfonyl, with 3-(N,N-dimethylamino)-propyl magnesium halide, to prepare citalopram. In another aspect, the present invention provides the novel intermediates of Formula (IV). In a further aspect, the invention relates to methods for preparing the intermediates of Formula (IV).

(54) Title of the invention : SWITCHED-MODE POWER SUPPLY WITH A POWER FACTOR CORRECTION CIRCUIT AS WELL AS A COIL FOR A CORRECTION CIRCUIT FOR THIS PURPOSE

(51) International classification :H02M 1/00
 (31) Priority Document No :101 35 599.8
 (32) Priority Date :20/07/2001
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP02/07839
 Filing Date :15/07/2002
 (87) International Publication No :WO03/010876A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

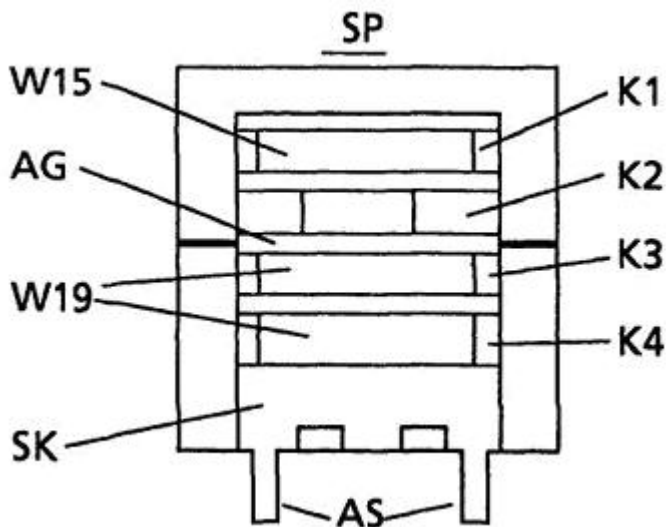
(71)Name of Applicant :
1)THOMSON LICENSING S.A
 Address of Applicant :46 QUAI A.LE GALLO F-92100 BOULOGNE-BILLANCOURT, France
 (72)Name of Inventor :
1)ACHIM ELGERT
2)MICHEL THIBAUT
3)JEAN-PAUL LOUVEL

No of Pages : 13

No of Claims : 11

(57) Abstract :

The switched-mode power supply according to the invention has a power factor correction circuit, which operates on the principle of a current pump and has a first coil (L15) for damping voltage spikes, as well as a second coil (L19) for power factor correction. The two inductances (L15, L19) are in this case connected in series and are arranged on a coil former (SK) and on a common core (CR). In one preferred exemplary embodiment, an E/E ferrite core is used as the core (CR), and a coil former with chambers is used as the coil former (SK), with the windings (W15, W19) of the two inductances (L15, L19) being arranged in different chambers (K1, K3, K4). An empty chamber (K2), which is located in the region of the air gap (AG) in the core (CR), is advantageously arranged between the two inductances. This partially decouples the two inductances by means of the air gap, so that the damping response of the first inductance (L15) is better.



(54) Title of the invention : MOBILE COMMUNICATION WITH UNLICENSED- RADIO ACCESS NETWORKS

(51) International classification :H04L12/56,H04Q7/38
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2004/003367
 Filing Date :30/03/2004
 (87) International Publication No :WO2005/099185A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

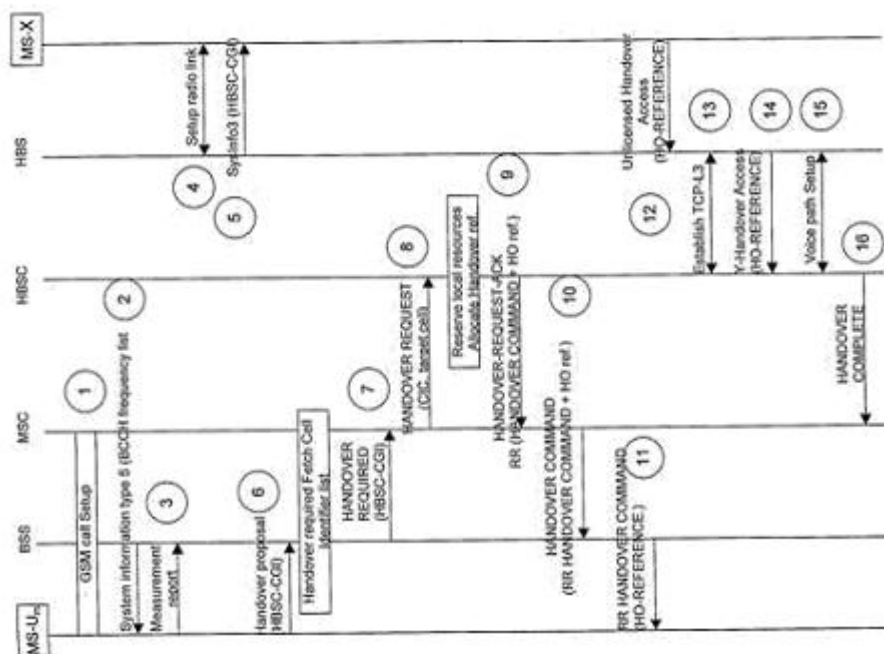
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L. M. ERICSSON (publ)
 Address of Applicant :S-164 83 Stockholm, Sweden
 (72)Name of Inventor :
1)Jari, VIKBERG,
2)Tomas, NYLANDER
3)Magnus, HALLENSTAL
4)Thomas, WALLDEEN

No of Pages : 28

No of Claims : 14

(57) Abstract :

A mobile telecommunication network includes a core network portion, a first access network and a second access network. The first access network comprises a plurality of base station adapted to communicate with mobile station via a licensed radio interface and with the core network portion. The second access network comprises a plurality of access points each defining a mini-cell and adapted to communicate with mobile station over an unlicensed-radio interface and an access network controller adapted to communicate with the core network portion and with the plurality of access points. The second access network is further adapted to set up a radio link with a mobile station that is entering a mini-cell and conducting an active call with the first access network and to communicate a cell identifier to the mobile station. The cell identifier identifies at least one mini-cell of the second access network to the core network portion for handover. At least one base station of the first access network is adapted to receive a handover proposal message from the mobile station containing the cell identifier and to communicate the cell identifier to the network portion in a message indicating that handover is required.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1167/MUM/2001 A

(19) INDIA

(22) Date of filing of Application :10/12/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : THE METHOD OF TREATING CANCER

(51) International classification	:A61K39/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CADILA PHARMACEUTICALS LTD.
(32) Priority Date	:NA	Address of Applicant :IRM HOUSE, OFF C.G. ROAD,
(33) Name of priority country	:NA	NAVRANGPURA, AHMEDABAD - 380 009, Gujarat India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BAKULESH MAFATLAL KHAMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 36

(57) Abstract :

Present invention relates to the method of treating cancer. According to present invention, a pharmaceutical composition made from "Mycobacterium w'(Mw) is found to be useful in the management of cancer. We have now found that the same therapeutic agent is useful in management of cancer. The use of Mycobacterim w containing formulations is associated with decrease in burden of cancer tissue, decreasing symptoms associated with cancer and improving quality of life. It also improves tolerance to other therapies.

(54) Title of the invention : METHOD AND INDUCTOR LAYOUT FOR REDUCED VCO COUPLING

(51) International classification	:H01F 17/00
(31) Priority Document No	:60549,611
(32) Priority Date	:03/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/001515
Filing Date	:15/02/2005
(87) International Publication No	:WO2005/096328A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

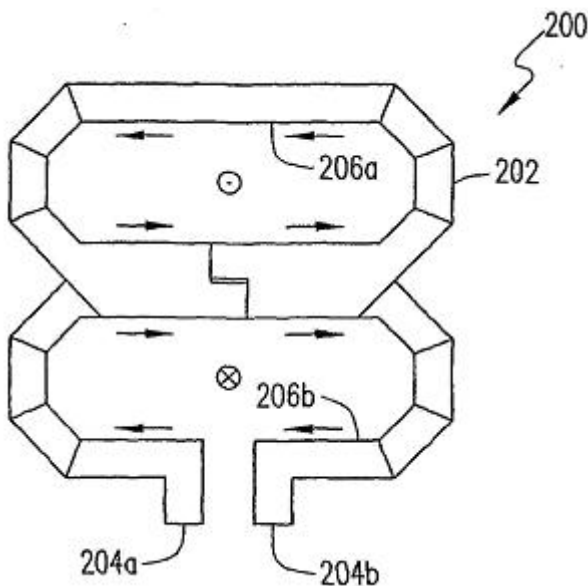
(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :SE-164 83 Stockholm, Sweden
 (72)**Name of Inventor :**
1)MATTSSON, Thomas

No of Pages : 27

No of Claims : 22

(57) Abstract :

Method and system are disclosed for reducing mutual EM coupling between VCO resonators and for implementing the same on a single semiconductor chip. The method and system involve using inductors that are substantially symmetrical about their horizontal and/or their vertical axes and providing current to the inductors in a way so that the resulting magnetic field components tend to cancel each other by virtue of the symmetry. In addition, two such inductors may be placed near each other and oriented in a way so that the induced current in the second inductor due to the magnetic field originating from first inductor is significantly reduced. The inductors may be 8-shaped, four-leaf clover-shaped, single-turn, multi-turn, rotated relative to one another, and/or vertically offset relative to one another. This Abstract is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.



(54) Title of the invention : CHEMICAL PROCESS

(51) International classification	:C02F 1/26	(71) Name of Applicant :
(31) Priority Document No	:0016336.0	1)SYNGENTA LIMITED
(32) Priority Date	:03/07/2000	Address of Applicant :Haslemere Surrey GU27 3JE, U.K.
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/GB01/02622	1)RAYMOND VINCENT HEAVON JONES
Filing Date	:14/06/2001	2)JENNIFER ANN WHITE
(87) International Publication No	:WO 02/02464	3)JOANNE EMMA MURRAY
(61) Patent of Addition to Application Number	:NA	4)BARRY STUAR CROMBIE
Filing Date	:NA	5)JAMES SAMUEL SHANE ROUNTREE
(62) Divisional to Application Number	:10/MUMNP2003	6)JACQUELINE ANN CAMPBELL
Filed on	:01/01/2003	

No of Pages : 19

No of Claims : 11

(57) Abstract :

A process for extracting from aqueous solution the alkali metal or ammonium salt of a phenol, naphthol, anthrol or phenanthrol or the corresponding thiol, which comprises contacting an aqueous alkaline or neutral solution of the alkali metal or ammonium salt, in which is dissolved an alkali metal or ammonium fluoride, chloride, bromide, hydroxide, nitrate, nitrite, sulphate, sulphite, sulphide, thiosulphate, phosphate, hydrogen phosphate, carbonate, bicarbonate, cyanate, thiocyanate, borate, chlorate, chlorite, hypochlorite, perchlorate, chromate, dichromate or permanganate, with a partially water-miscible organic solvent so as to transfer aqueous solution of the alkali metal or ammonium salt of the phenol, naphthol, anthrol or phenanthrol or corresponding thiol into the solvent whilst retaining separate aqueous and solvent phases, and thereafter separating the solvent phase containing the alkali metal or ammonium salt and water from the aqueous phase, the ratio of solvent to water in the separated solvent phase being from 0.5:1 to 10:1 w/w.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1198/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/10/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : GRANULATE FOR USE IN A CLEANING PRODUCT AND PROCESS FOR ITS MANUFACTURE

(51) International classification	:C11D 3/22	(71)Name of Applicant :
(31) Priority Document No	:04076130.6	1)Hindustan Lever Limited
(32) Priority Date	:09/04/2004	Address of Applicant :Hindustan Lever House, 165-166 Backbay
(33) Name of priority country	:EUROPEAN	Reclamation, Mumbai, 400 020, Maharashtra India
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/002467	1)BOEREFIJN Renee
Filing Date	:07/03/2005	2)KOHLUS Reinhard
(87) International Publication No	:WO 2005/097962	3)RANADE Vidyadhar Sudhir
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 8

(57) Abstract :

A granulate for use in a particulate cleaning product, the granulate consisting of granules which comprise: (a) at least 30% by weight of granulation auxiliary selected from water-soluble non-acid organic crystalline solids; and (b) at least 0.1% by weight of functional cleaning material other than an enzyme or an inorganic compound; and (c) optionally, one or more other ingredients. The granulate may instead comprise: (a) at least 20% by weight of granulation auxiliary selected from non-acid water-soluble organic crystalline solids; and (b) at least 0.1% by weight of temperature sensitive functional cleaning material other than an enzyme or an inorganic compound; and (c) optionally, one or more other ingredients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1240/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/10/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : POLYMERS PRODUCED BY USING SULPHUR COMPOUNDS IN THE FORM OF TRANSFER AGENTS FOR CONTROLLED RADICAL POLYMERISATION OF ACRYLIC ACID AND THE USE THEREOF

(51) International classification	:C07C 329/00	(71) Name of Applicant :
(31) Priority Document No	:0408307	1)COATEX S.A.S.
(32) Priority Date	:28/07/2004	Address of Applicant :35, RUE AMPERE, Z. I. LYON-NORD, F-
(33) Name of priority country	:France	69730 GENAY, France
(86) International Application No	:PCT/FR05/000703	(72) Name of Inventor :
Filing Date	:23/03/2005	1)SUAU JEAN-MARC
(87) International Publication No	:WO2006/024706	2)JACQUEMET CHRISTIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 59

(57) Abstract :

The invention concerns the polymers obtained by the use of sulphur compounds in a process for controlled radical polymerisation in water of acrylic acid and/or acrylic acid with hydrosoluble monomers. It concerns also their uses as dispersant agents or agents to aid grinding and/or co-grinding of mineral matters in aqueous suspensions, and as dispersant agents incorporated directly in aqueous formulations containing mineral matters. Finally, the invention concerns the formulations of mineral matters obtained in this manner.

(54) Title of the invention : INTEGRATED, NON-SEQUENTIAL, REMOTE MEDICATION MANAGEMENT AND COMPLIANCE SYSTEM

(51) International classification :G04B 47/00
 (31) Priority Document No :60/565,221
 (32) Priority Date :24/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042187
 Filing Date :15/12/2004
 (87) International Publication No :WO2005/109119
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)IN-RANGE SYSTEMS, INC.

Address of Applicant :1130 12th Avenue, Suite 2, Altoona, PA 16601 U.S.A.

(72)Name of Inventor :

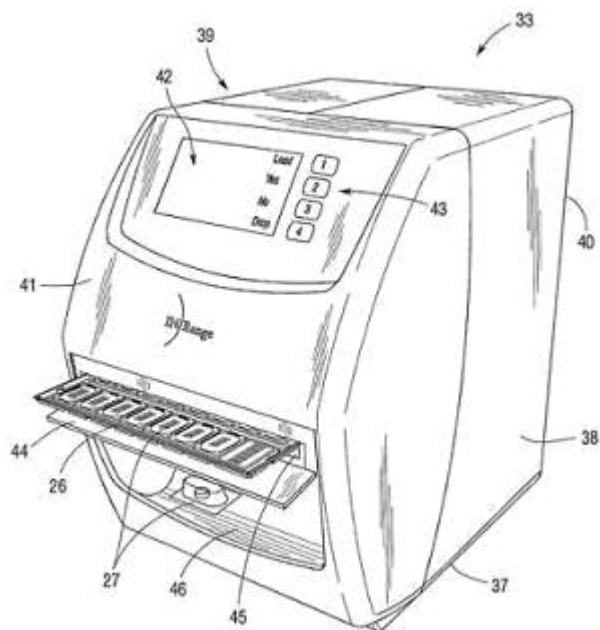
1)BOGASH, Robert, C.**2)BOSSI, Christopher, E.****3)PAPP, Mary, Anne****4)VEREB, Christopher, J.****5)DOWNEY, Harvey, E.****6)GRAFIUS, Gerald, R.****7)ROGERS, David, C.****8)COON, Dennis**

No of Pages : 92

No of Claims : 72

(57) Abstract :

An integrated medication management and compliance system for enabling a care provider to remotely manage and deliver individual doses of therapeutic products to a patient, in a non-sequential fashion. The system includes delivery apparatus remotely located from the care provider, wherein the apparatus stores a plurality of sealed unit dose packages that are delivered to a patient at a scheduled dosing time. The delivery apparatus is coupled to a control facility and to a computer terminal of the care provider by way of a secure communications network. The system enables the patient's medication regimen to be remotely tailored in real-time to accommodate fluid medical conditions.



(54) Title of the invention : CONVENIENCE PACKAGE FOR THIN FILM PRODUCTS

(51) International classification :B65D 83/08
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CN2004/000503
 Filing Date :18/05/2004
 (87) International Publication No :WO2005/110891A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

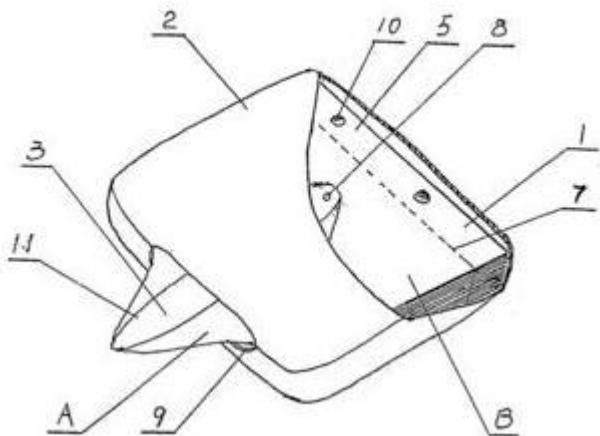
(71)**Name of Applicant :**
1)CHUM, Tung, Hang
 Address of Applicant :Flat D, 8/F, leapont Industrial Bldg. 18-28 Woliu
 Hang Road, Fo Tan, Shatin, N.T., Hongkong(China)
 (72)**Name of Inventor :**
1)CHUM, Tung, Hang

No of Pages : 10

No of Claims : 10

(57) Abstract :

A convenience package (10) for thin film products according to aspects of the present invention places a folded stack (20) of thin film plastic bags inside a container (22) to protect the bags during shipping, handling and dispensing. The container surrounds the plastic bags and includes an opening (24) through which individual bags (30) are retrieved. The plastic bags are attached to each other in such a manner that retrieval of a first bag through the opening in the container partially retrieves a second bag and leaves part of the second bag protruding through the opening. Attachments between bags within the container ensure that each bag (30) is opened as it is retrieved through the opening (24).



(54) Title of the invention : FILTER CARTRIDGE FOR LIQUID FILTRATION

(51) International classification :B01D29/21
 (31) Priority Document No :60/562,045
 (32) Priority Date :13/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/011256
 Filing Date :04/04/2005
 (87) International Publication No :WO2005/099861
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

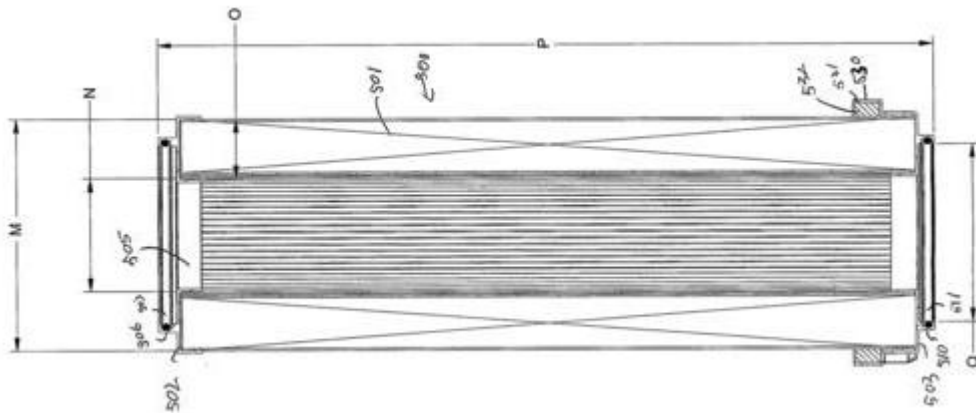
(71)**Name of Applicant :**
1)DONALDSON COMPANY, INC.
 Address of Applicant :1400 West 94th Street, P.O. Box 1299,
 Minneapolis, Minnesota 55440-1299, U.S.A.
 (72)**Name of Inventor :**
1)HACKER, John R.

No of Pages : 99

No of Claims : 27

(57) Abstract :

liquid filter arrangement including an internally recieved treatment agent storage and release cartridge is provided. The assembly is configured for diffusion of the treatment agent from the treatment agent storage and release cartridge, into liquid flowing through the filter arrangement. A particular arrangement shown is configured which provides for a dynamic type of liquid flow providing a current directed through the treatment agent storage and release cartridge. In the preferred arrangements, an initial static type of flow followed by later dynamic flow, is provided. Alternatives, methods of assembly and descriptions of use are provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1283/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/11/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : POLYMERIZABLE DICHROMOPHORIC DICHROIC AZO DYES

(51) International classification	:C09B69/10
(31) Priority Document No	:044052801
(32) Priority Date	:04/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/CH2005/000233
Filing Date	:26/04/2005
(87) International Publication No	:WO2005/105932A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Rolic AG

Address of Applicant :Chamerstrasse 50, 6301 Zug, Switzerland

(72)Name of Inventor :

1)PEGLOW, Thomas

2)CHERKAOUI, Zoubair Mohammed

3)MOIA, Franco

No of Pages : 78

No of Claims : 61

(57) Abstract :

The present invention is directed towards polymerizable dichromophoric dichroic azo dyes comprising azo-chromophores to which polymerizable groups are attached leading to dyes having sufficient solubility in combination with high coloring power and high order parameter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1316/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/11/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYDROCARBYL METAL HALIDES, ESPECIALLY ALKYL TIN HALIDES

(51) International classification	:C07F 7/22	(71)Name of Applicant :
(31) Priority Document No	:MI2004A001086	1)BAERLOCHER ITALIA
(32) Priority Date	:28/05/2004	Address of Applicant :Via San Colombano 62/A, 26900 Lodi, Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/005496	1)COMINI, Andrea
Filing Date	:20/05/2005	2)MAYUKH, Ganesh, Warawdekar
(87) International Publication No	:WO2005/118600	3)ANAND, Padmakar, Gokhale
(61) Patent of Addition to Application Number	:NA	4)RAJENDRA. Shantilal, Kasliwal
Filing Date	:NA	5)GITA, Anil, Bendale
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 15

(57) Abstract :

Described is a process for the preparation of hydrocarbyl metal halides, such as alkyl tin chlorides, in which a reaction between the metal in its metallic state and a hydrocarbyl halide is catalyzed by a dihydrocarbyl sulfoxide or a dihydrocarbyl formamide in the presence of a hydrocarbyl metal halide and wherein the pressure of the reaction vessel is varied during the reaction

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1445/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/11/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR MESSAGE- BASED INTERACTIVE SERVICES

(51) International classification	:H04Q7/20
(31) Priority Document No	:60/571,926
(32) Priority Date	:18/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/017241
Filing Date	:17/05/2005
(87) International Publication No	:WO 2005/117471A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Mobile 365

Address of Applicant :4511 Singer Court, Suite 300, Chantilly, VA
20151, U.S.A.

(72)Name of Inventor :

1)LOVELL, ROBERT C., JR.

No of Pages : 19

No of Claims : 28

(57) Abstract :

A method and system for providing message-based interactive services includes receiving a short code message from a mobile subscriber relating to a service desired by the mobile subscriber from an interactive service device, routing the short code message for processing, and instructing the interactive service device to operate in accordance with the short code message.

(54) Title of the invention : APPARATUS, SYSTEM AND METHOD FOR PROVIDING VOICEMAIL SERVICE USING A PACKET DATA MESSAGING SYSTEM

(51) International classification :H04M1/725
 (31) Priority Document No :60/574,757
 (32) Priority Date :26/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/018505
 Filing Date :25/05/2005
 (87) International Publication No :WO2005/120030
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

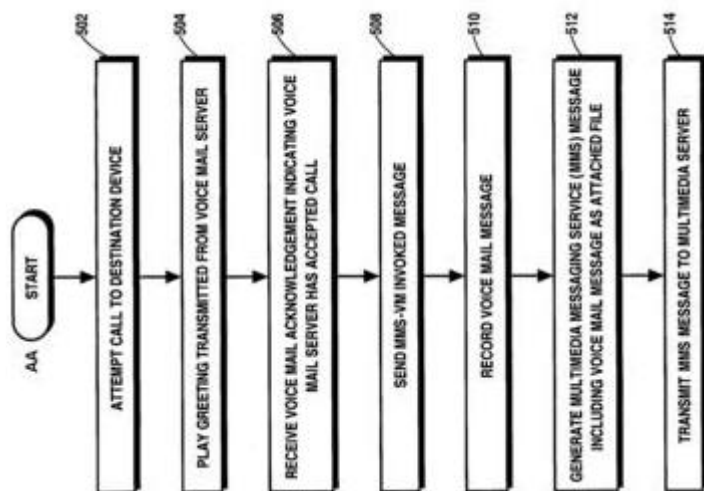
(71)Name of Applicant :
1)QUALCOMM Incorporated
 Address of Applicant :5775 Morehouse Drive, San Diego, California
 92121-1714 U.S.A.
 (72)Name of Inventor :
1)GOGIC, ALEKSANDAR

No of Pages : 35

No of Claims : 45

(57) Abstract :

An apparatus, system, and method provide voicemail service suing a packet data messaging service such as multimedia message service (MMS.) Upon detecting that the call has been diverted to the voicemail server, rather than using a real-time voice connection to record a voicemail message, the voicemail message is recorded at an origination mobile station and transmitted in a packet data message through a packet data messaging service center such as a multimedia messaging service center (MMS-C). If the destination device is a destination mobile station subscribing to the packet data message service, the packet data message is deposited in the destination mobile station. Where the destination device is a device without access to the service, the packet data message is forwarded to a destination address in a voice mail server associated with the voicemail box of the destination device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :28/11/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : INTELLECTUAL PROPERTY CREATION ASSISTING METHOD BY COOPERATIVE INTELLECTUAL MANAGEMENT SYSTEM, INFORMATION PROVIDING SYSTEM ADDED WITH SUB-LICENCE MANAGEMENT FUNCTION, AND COMPUTER PROGRAM

(51) International classification :G06F17/60
(31) Priority Document No :2004-150692
(32) Priority Date :20/05/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/009488
Filing Date :18/05/2005
(87) International Publication No :WO2005/114510A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GREENNET CO., LTD

Address of Applicant :11-12, Toranomom 3-chome, Minato-ku, Tokyo
1050001, Japan

2)THE UNIVERSITY OF TOKUSHIMA

(72)Name of Inventor :

1)KINJOU, ISAO

2)HISHIYAMA, Yuugorou

3)BAI, Ki Moon

4)NAKASUJI, Katsuyoshi

5)FUJII, Akio

6)HAMADA, Yasunori

No of Pages : 69

No of Claims : 12

(57) Abstract :

To provide an assisting method for creating an intellectual value together with information requesters. Second intellectual property management system SLs1 to SLs3 provided in second-class licensees given sub-licenses for system use form a first-class licensee make requests for intellectual property information in the first-class licensee in response to requests from user system US1 to US3 having demands for creating intellectual properties. The first intellectual property management system MLs publishes a search result of intellectual property information, which is obtained in response to a request from a user system US4, on a browser screen customized for the first intellectual property management system MLs itself, and allows the user system US4 to browse the search result. Moreover, the first intellectual property management system MLs publishes search result of the intellectual property information requested of the second intellectual property management system on browser screens customized for the second intellectual property management systems, and distributes the search result. The second intellectual property management system SIs1 to SLs3 allow the user system US1 to US4 to browse the browser the browser screens.

(54) Title of the invention : MITIGATION OF TRANSMIT POWER SPIKES FOR A POWER CONTROLLED DATA TRANSMISSION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/005
 (31) Priority Document No :10/841,299
 (32) Priority Date :07/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013520
 Filing Date :19/04/2005
 (87) International Publication No :WO2005/114866A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

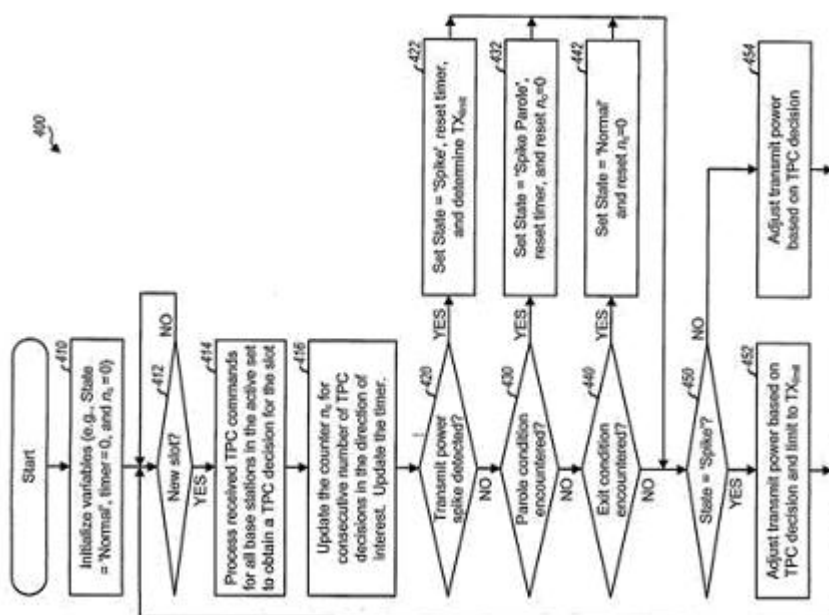
(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775 Morehouse Drive, San Diego California
 92121-1714, U.S.A.
 (72)Name of Inventor :
1)KASTURI, Nitin
2)SUBRAHMANYA, Parvathanathan

No of Pages : 38

No of Claims : 34

(57) Abstract :

Techniques to mitigate spikes in transmit power, by reducing the magnitude and/or duration of the spikes, are described. Initially, power control is performed in a normal manner and in accordance with a transmit power control (TPC) scheme. If a (e.g., upward) transmit power spike is detected, the power control is performed in manner to mitigate the adverse effects of the spike and in accordance with another TPC scheme. An upward transmit power spike may be detected, e.g., if a predetermined number of consecutive TPC commands in the upward direction is obtained for increasing transmit power. The upward transmit power spike may be mitigated by limiting the transmit power, reducing the rate of transmit power adjustment in the upward direction, delaying and/or filtering TPC decisions used for transmit power adjustment, preventing upward adjustment of transmit power, and so on. Multiple states may be defined and used to facilitate power control with spike mitigation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1474/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/12/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : LED BONDING STRUCTURES AND METHODS OF FABRICATING LED BONDING STRUCTURES

(51) International classification	:G01N33/68
(31) Priority Document No	:60/565,960
(32) Priority Date	:28/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/014493
Filing Date	:27/04/2005
(87) International Publication No	:WO2005/106497A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CREE INC.

Address of Applicant :4600 Silicon Drive, Durham, North Carolina
27703-8475, U.S.A.

(72)Name of Inventor :

1)DAVID BEARDSLEY SLATER, JR

2)JOHN ADAM EDMOND

No of Pages : 18

No of Claims : 27

(57) Abstract :

An LED chip includes a bond pad suitable for thermosonic or thermocompression bonding such as Sn, AuSn or other metals. The physical dimensions of the bond pad are selected to discourage or prevent solder squeeze-out during thermocompression or thermosonic bonding with or without flux. In some embodiments, an AuSn bond pas is designed to accept 30g to 70g of force or more without squeeze-out.

(54) Title of the invention : INTRAOCULAR LENS IMPLANTING INSTRUMENT

(51) International classification :A61F9/00
 (31) Priority Document No :60/577,429
 (32) Priority Date :04/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/019629
 Filing Date :03/06/2005
 (87) International Publication No :WO2005/117781A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

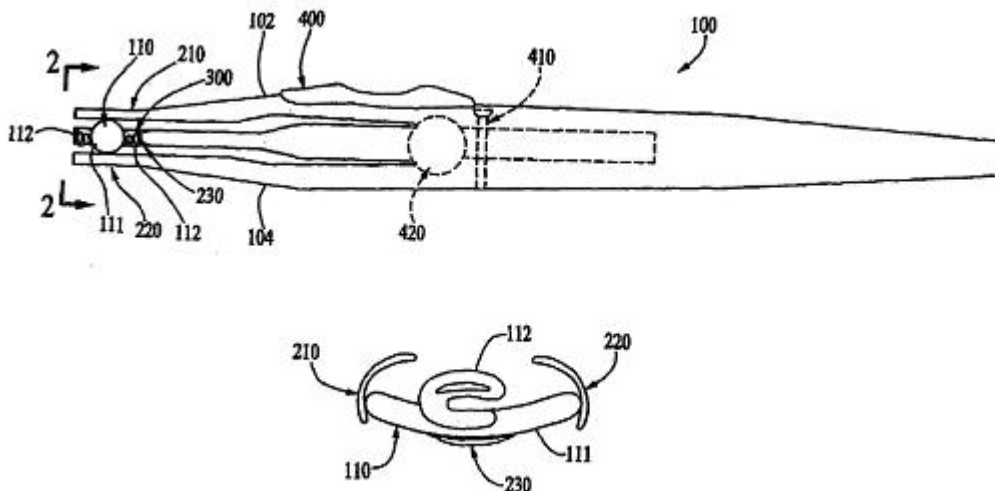
(71)Name of Applicant :
1)OII INTERNATIONAL, INC.
 Address of Applicant :C/o Richard Aguilera, President, 4290 E. Brickell
 St. Suite A, Ontario, CA 91761, U.S.A.
2)PORTNEY, Valdemar
 (72)Name of Inventor :
1)PORTNEY, Valdemar
2)ABRAMOV, Alexander
3)GAPELHAKOV Rifat

No of Pages : 18

No of Claims : 10

(57) Abstract :

An instrument 100 for implanting an elastically deformable intraocular lens 110 has a forceps jaw 210 and 220, a stationary member and operations structure. The operations structure includes members capable of enabling the sequential (i) placing the lens 110 in the undeformed state on the stationary member, (ii) closing the forceps jaws 210 and 220 to fold the lens 110 into its folded state and forming a folding chamber with a nozzle 240 at its end, and (iii) pushing of the lens 110 in its folded state axially out of the folding chamber through the nozzle 240 so as to allow the lens 110 to expand from its folded state to its undeformed state



(54) Title of the invention : IMPROVED DATA MESSAGING EFFICIENCY FOR AS ASSISTED WIRELESS POSITION DETERMINATION SYSTEM

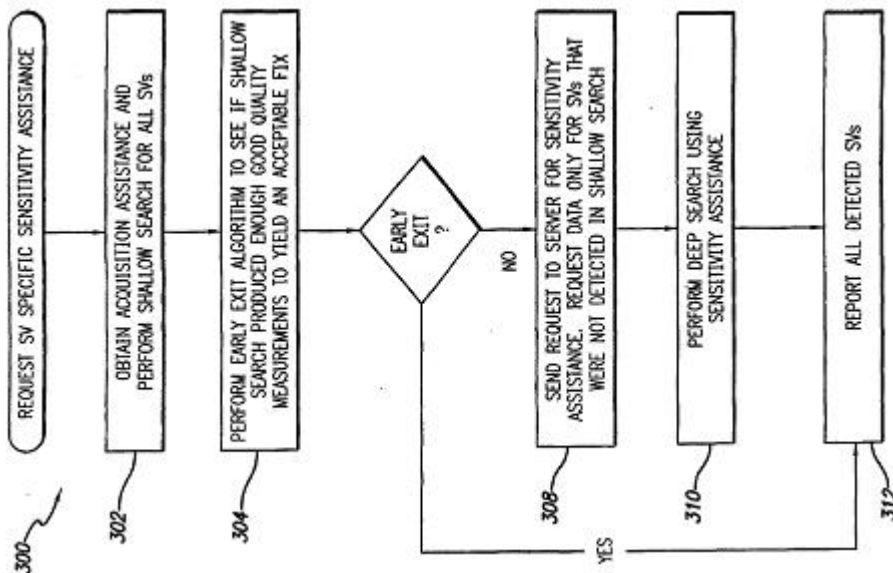
(51) International classification	:G01S1/00	(71)Name of Applicant :
(31) Priority Document No	:10/854,981	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/05/2004	Address of Applicant :5775, Morehouse Drive, San Diego, California
(33) Name of priority country	:U.S.A.	92121-1714, U.S.A.
(86) International Application No	:PCT/US2005/018916	(72)Name of Inventor :
Filing Date	:26/05/2005	1)ROWITCH, Douglas N.
(87) International Publication No	:WO 2005/119287	2)PATRICK Christopher
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 31

(57) Abstract :

An assisted wireless position determination system includes a plurality of based stations and a plurality of wireless devices, such as mobile telephones and personal digital assistants, adapted to communicate with the base stations. The wireless position determination system also includes a position determination system for determining the geographic position of the wireless devices. The position determination system includes a position determination entity (PDE) that is connected to the base stations and serves as a processing server for computing the position of the wireless devices. The system and method reduces or eliminates redundant and superfluous data. In addition, the system and method ensure that the wireless device is not loaded with additional capacity, and that the wireless device is provided with precise location information. The embodiments of the system and method of the invention are compliant with the TIA/EIA IS-801 standard or other standards.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/12/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : NOVEL PHARMACEUTICAL FORMULATION OF CEFIXIME FOR ENHANCED BIOAVAILABILITY

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LUPIN LTD.
(32) Priority Date	:NA	Address of Applicant :159, CST Road, Kalina, Santacruz (E), Mumbai -
(33) Name of priority country	:NA	400 098, Maharashtra India
(86) International Application No	:PCT/IN2004/000128	(72)Name of Inventor :
Filing Date	:10/05/2004	1)WAGH, Sanjay
(87) International Publication No	:WO 2005/107703A1	2)AGA, Hidaytulla
(61) Patent of Addition to Application Number	:NA	3)AVACHAT, Makarand
Filing Date	:NA	4)SEN, Himadri
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 27

(57) Abstract :

A chewable tablet comprising Cefixime having a mean particle size between 20 μ and 120 μ wherein the said composition demonstrates bioequivalence to a suspension of Cefixime trihydrate. The process of preparation of the chewable tablet comprises the steps of optionally micronizing Cefixime such that the mean particle size of the Cefixime particles is between 20 μ and 120 μ , blending with other excipients, roll compaction, milling to form granules, blending to form a secondary blend and compression of the secondary blend to form tablets.

(54) Title of the invention : DELIVERY OF INFORMATION OVER A COMMUNICATION CHANNEL

(51) International classification :H04L29/00
 (31) Priority Document No :60/571,673
 (32) Priority Date :13/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/016837
 Filing Date :13/05/2005
 (87) International Publication No :WO2005/114943A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

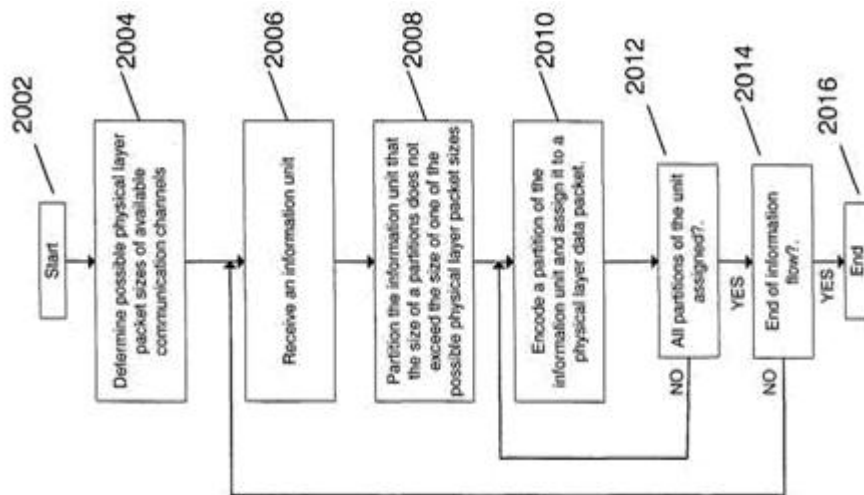
(71)Name of Applicant :
1)QUALCOMM INCORPORATED
 Address of Applicant :5775, Morehouse Drive, San Diego, California
 92121-1714, U.S.A.
 (72)Name of Inventor :
1)GARUDADRI, HARINATH
2)SAGETONG, Phoom
3)NANDA, Sanjiv
4)LUNDBY, Stein

No of Pages : 74

No of Claims : 71

(57) Abstract :

Methods and apparatus are described for transmitting information units over a plurality of constant bit rate communication channel. The techniques include encoding the information units, thereby creating a plurality of data packets. The encoding is constrained such that the data packet size match physical layer packet sizes of the communication channel. The information units may include a variable bit rate data stream, multimedia data, video data, and audio data. The communication channels include CMDA channels, WCDMA, GSM channels, GPRS channels, and EDGE channels.



(54) Title of the invention : PROTECTED STABILIZER LINK OR TIE ROD AND BALL RACE PROTECTING CAP

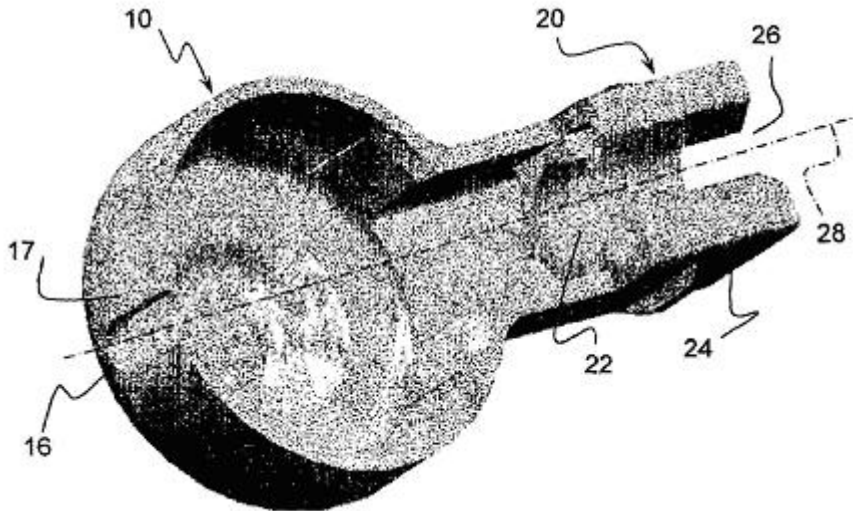
(51) International classification	:F16C11/06,F16C9/04	(71)Name of Applicant :
(31) Priority Document No	:10/875,834	1)ZF LEMFORDER METALLWAREN AG
(32) Priority Date	:24/06/2004	Address of Applicant :ABT. SCHUTZRECHTE, Z. HDN. HERRN
(33) Name of priority country	:U.S.A.	HUTTNER, POSTFACH 1220, 49441 LEMFORDE, Germany
(86) International Application No	:PCT/US05/022771	(72)Name of Inventor :
Filing Date	:24/06/2005	1)DEARING DANIEL
(87) International Publication No	:WO2006/002423A1	2)COLE MICHAEL
(61) Patent of Addition to Application Number	:NA	3)MCBROOM RYAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

A stabilizer link or tie rod (62) is provided with a ball (30) and stud (32) and with a housing (34) with an outer surface (36) and with an interior surface (38) defining a ball cavity (40). The housing is connected with a link rod (42). A race insert (56) is provided having a housing liner surface engaging the housing interior surface and an interior ball race surface in contact with the ball and a housing end portion defining a closure interface with the housing. A protective cap (10) is provided with a barrier surface extending over the closure interface and over the housing outer surface. The cap has a retaining surface engaging each of the housing and the rod.



(54) Title of the invention : SYSTEM AND METHOD FOR OUTBOUND CALLING FROM A DISTRIBUTED TELECOMMUNICATIONS PLATFORM

(51) International classification :H04M3/00
 (31) Priority Document No :60/584,068
 (32) Priority Date :30/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US/2005/023128
 Filing Date :30/06/2005
 (87) International Publication No :WO 2006/004844
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

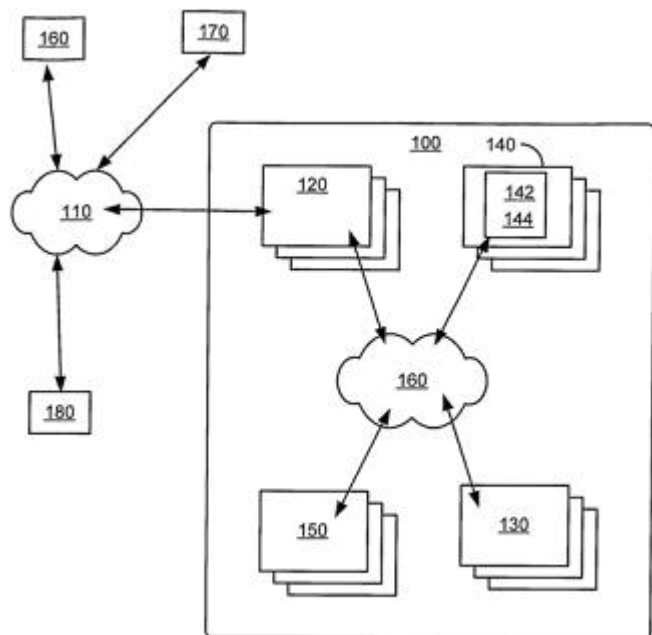
(71)Name of Applicant :
1)GLENAYRE ELECTRONICS, INC.
 Address of Applicant :11360 Lakefield Drive, Duluth, GA 30097,
 U.S.A.
 (72)Name of Inventor :
1)BETTIS, Sonny, R.
2)PLOTKY, Jon, S
3)MORAES, Ian, M.
4)LOWMAN, Philip, L.
5)SPENCER, James, H.

No of Pages : 24

No of Claims : 36

(57) Abstract :

Outbound calling from a Voice extensible Markup Language (VXML) based voicemail system, which has distributed architecture, is disclosed. The voicemail system includes a media server (120(A)), which is in communication with a telephone network. The media sever (120 (A)) includes multiple communication termination-link components (202), and the communication termination-link components (202) are adapted to couple to trunks that extend to the telephone network. The media server (120(A)) also includes a networks interface (208) that is adapted to receive and provide communications to components of the telecommunications platform. The media server also includes a link-selector (214), a browser module (212), and a processor (204). The link-selector (214) is adapted to select a given communication termination-link component form the plurality of communication termination-link components. The browser module is adapted to provide a browser session, which is associated with the given communication termination link, and the processor implements the link-selector and the browser module in responsive receiving an outbound notification via the network interface.



(54) Title of the invention : TORQUE MULTIPLIER

(51) International classification :F03G3/00
 (31) Priority Document No :PA/a/2004/006381
 (32) Priority Date :28/06/2004
 (33) Name of priority country :Mexico
 (86) International Application No :PCT/MX2004/000041
 Filing Date :30/06/2004
 (87) International Publication No :WO2006/001686A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

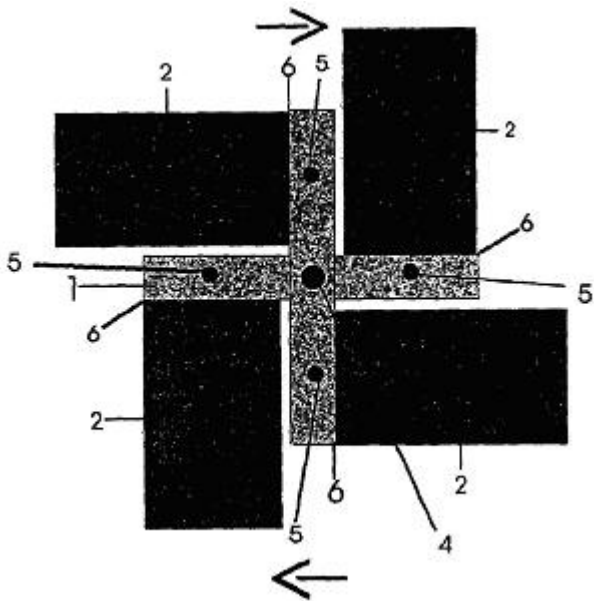
(71)**Name of Applicant :**
1)GIL ALDRETE, FERNANDO MANUEL
 Address of Applicant :Margaritas No. 7, Col. Cristal, Municipio De Cuautitlan, Estado de Mexico, 54875, Mexico
 (72)**Name of Inventor :**
1)GIL ALDRETE, FERNANDO MANUEL

No of Pages : 10

No of Claims : 7

(57) Abstract :

Apparatus comprised of two cross-shaped pieces with four arms arranged at 90 angles, assembled by pairs, aligned, separated apart and in a parallel position, with a central bore into which a motor shaft is connected to be the rotation axis of the entire apparatus. At the 90° spaces bounded by four arms of the cross-shaped pieces, four rectangular pieces are connected which upon rotation of the entire apparatus, produce centrifugal force. Said rectangular pieces work as levers, with their fulcrum on the rotation axis and with the centrifugal force applied on the pairs of arms in the parallel position of the cross-shaped pieces, to which said rectangular levers are connected, and following the same rotation direction, which results in a torque increase.



(54) Title of the invention : DISTRIBUTED CUSTOMIZABLE VOICEMAIL SYSTEM

(51) International classification :H04M1/64
 (31) Priority Document No :60/584,444
 (32) Priority Date :30/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/023164
 Filing Date :30/06/2005
 (87) International Publication No :WO2006/004862A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

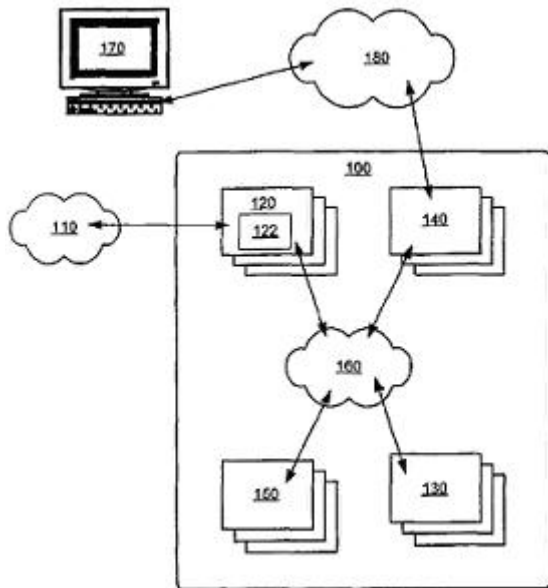
(71)Name of Applicant :
1)GLENAYRE ELECTRONICS INC
 Address of Applicant :11360 Lakefield Drive, Duluth, GA 30097,
 U.S.A.
 (72)Name of Inventor :
1)BETTIS, SONNY, R
2)PLOTKY, Jon, S
3)MORAES, Ian, M
4)SPENCER, James, H
5)LOWMAN, PHILIP, L.

No of Pages : 21

No of Claims : 24

(57) Abstract :

A Voice eXtensible Markup Language (VXML) based voicemail system that has a distributed architecture is disclosed. The VXML voicemail system includes a media server and an application server. The media server is in communication with a telephone network. The media server receives a telephone call through the telephone network and invokes a voicemail service of the voicemail system by sending a request to an application server. The application server is adapted to generate a Voice eXtensible Markup Language (VXML) page in response to receiving the request and provide the media server with the VXML page to the media server, wherein the media server renders at least a portion of the VXML page. Methods for implementing VXML based voicemail systems are also disclosed. One method includes the steps: receiving a telephone call from a caller, the telephone call being received from a telephone network at a media server, receiving at an application server, a request from the media server for a service; responsive to receiving the request, generating, at the application server, a Voice eXtensible Markup Language (VXML) page; and rendering at least a portion of the VXML page.



(54) Title of the invention : CAR BODY FOR A MOTOR VEHICLE

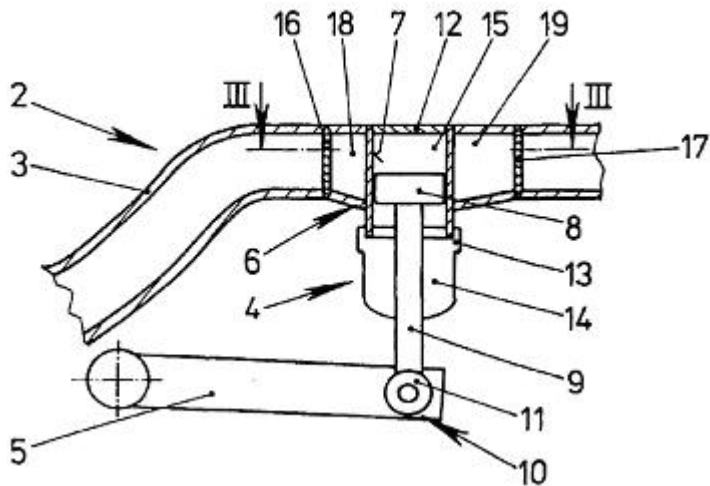
(51) International classification	:B62D25/08	(71)Name of Applicant :	1)GM GLOBAL TECHNOLOGY OPERATONS, INC.
(31) Priority Document No	:10 2004 030471.8		Address of Applicant :300 RENAISSANCE CENTER DETROIT, MI
(32) Priority Date	:24/06/2004		48265-3000 U.S.A.
(33) Name of priority country	:Germany	(72)Name of Inventor :	1)SIEBENEICK JURGEN
(86) International Application No	:PCT/EP05/006777		
Filing Date	:23/06/2005		
(87) International Publication No	:WO 2006/000406		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 10

No of Claims : 8

(57) Abstract :

A pressure chamber (15) of gas spring damping unit (4) is arranged within the cross section of a longitudinal beam (3) in a motor vehicle body (1). For this purpose, a tubular connecting piece(6) that is closed by a cover (12) is welded into the longitudinal beam (3) A piston (8) of the gas spring damping unit (4) is arranged in longitudinally displaceable manner in the connecting piece (6). The space occupied by the gas spring damping unit (4) is thereby kept particularly small.



(54) Title of the invention : CARTRIDGE AND SENSOR - DISPENSING INSTRUMENT

(51) International classification :G01N33/487
 (31) Priority Document No :60/582,712
 (32) Priority Date :24/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/022843
 Filing Date :23/06/2005
 (87) International Publication No :WO 2006/002432A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

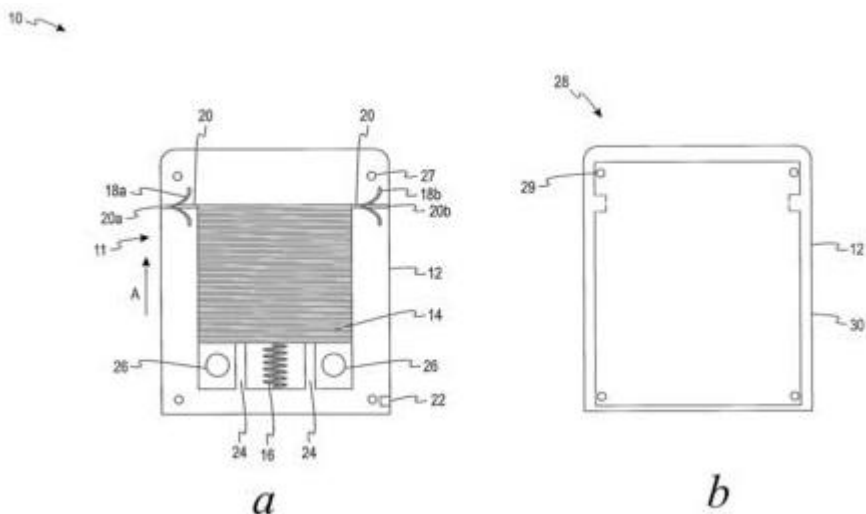
(71)Name of Applicant :
1)BAYER HEALTHCARE LLC
 Address of Applicant :555 WHITE PLAINS ROAD, TARRYTOWN,
 NY 10591, U.S.A.
 (72)Name of Inventor :
1)MOHAMMAD A . KHEIRI
2)D. GLENN PURCELL

No of Pages : 30

No of Claims : 28

(57) Abstract :

A disposable cartridge adapted to be used with a sensor-dispensing instrument, the disposable cartridge comprising: a housing forming at least one opening therethrough; a plurality of test sensor being stacked in the housing, the plurality of test sensors being adapted to assist in testing at least one analyte; a mechanical mechanism adapted to urge the plurality of test sensors in first direction, one of the plurality of test sensors being positioned for ejection from the cartridge; and a plurality of moveable seals being adapted to be in a closed position that seals the at one opening so as to provide a substantially moisture-proof and a substantially air-tight cartridge, and one of the plurality of moveable seals being adapted to be in an open position that allows one of plurality of test sensors to be moved therethrough.



(54) Title of the invention : METHOD FOR PRODUCING PIGMENTARY PARTICLES THAT ARE SELF-BINDING, DRY, OR IN AN AQUEOUS SUSPENSION OR DISPERSION, AND CONTAIN INORGANIC MATERIALS AND BINDING AGENTS

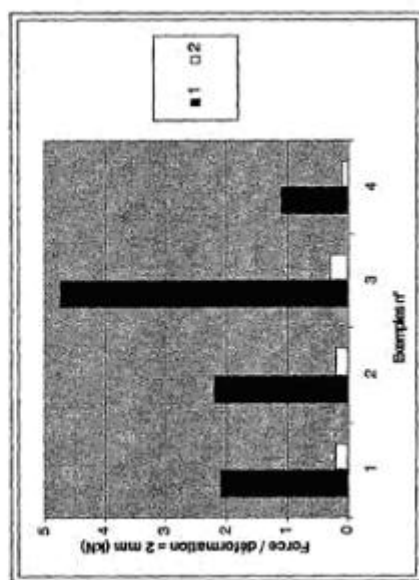
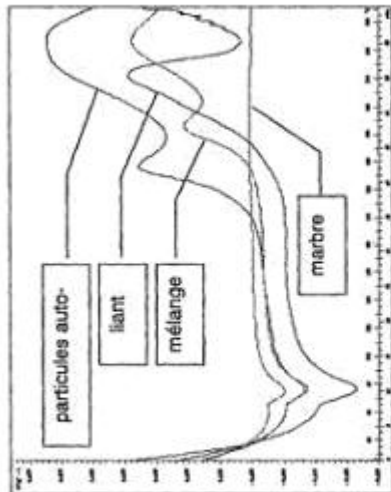
(51) International classification	:C09C3/04	(71)Name of Applicant :
(31) Priority Document No	:04/07806	1)OMYA DEVELOPMENT AG
(32) Priority Date	:13/07/2004	Address of Applicant :BASLERSTRASSE 42, CH-4665 OFTRINGEN
(33) Name of priority country	:France	Switzerland
(86) International Application No	:PCT/IB05/002762	(72)Name of Inventor :
Filing Date	:12/07/2005	1)GANE PATRICK
(87) International Publication No	:WO 2006/008657	2)SCHOELKOPF JOACHIM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 30

(57) Abstract :

The invention concerns a process for the manufacture self-binding pigmentary particles, dry or in aqueous suspension or dispersion, containing at least one inorganic matter and at least one binder, where the said process comprises the following stages: a) forming one or more aqueous suspension of at least on inorganic matter and introducing them into a mill with a view to stag c), b) forming or taking one or more aqueous solution of suspensions or emulsions of at least one binder and introducing them into a mill with a view to stage c), c) co-grinding the aqueous suspension or suspension obtained in stage a) with aqueous solutions or suspension or emulsion obtained in stage b) so as to obtain an aqueous suspension of self-binder pigmentary particles, d) possibly co-grinding the aqueous suspension or dispersion obtained in stage c) with one or more aqueous solutions or suspension emulsions of at least one binder e) possibly drying the aqueous suspension obtained in stage c) or in stage d) f) increasing the concentration of aqueous suspension obtained at stage c) or d) thermal or mechanical concentration, g) dispersing the aqueous suspension obtained at stage f) through using at least one dispersing agent and / or at least one wetting agent.



(54) Title of the invention : A METHOD OF ENCRYPTING AND TRANSFERRING DATA BETWEEN A SENDER AND RECEIVER USING A NETWORK

(51) International classification :H04L9/08
 (31) Priority Document No :0411560.6
 (32) Priority Date :24/05/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/001479
 Filing Date :18/04/2005
 (87) International Publication No :WO2005/117331A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GCRYPT LIMITED

Address of Applicant :Enterprises House, 21 Buckle Street London, E1 8NN U.K.

(72)Name of Inventor :

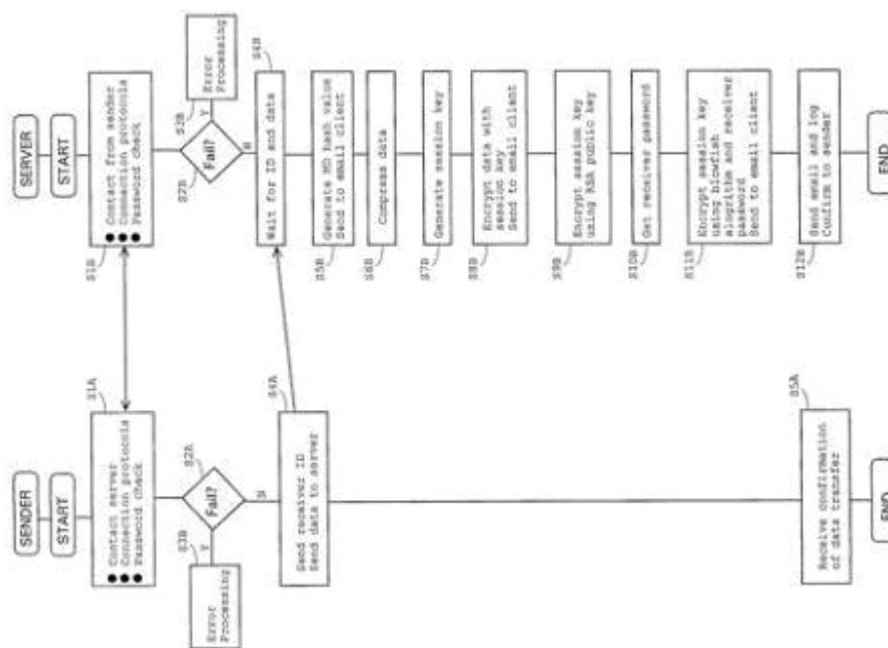
1)ALCULUMBRE, Michael

No of Pages : 30

No of Claims : 27

(57) Abstract :

The present invention relates to a method of encrypting and transferring data between a sender and receiver using a network thereby transferring data in a secure manner. The method comprises the steps of a server receiving from the sender an identifier of the receiver (S4A, S4B); establishing a transfer specific encryption key specific to the transfer (S7B) encrypting the data using the transfer specific encryption key (S8B) the server accessing receiver specific information according to the received identifier of the receiver and encrypting, with the receiver specific information, said transfer specific encryption key (S11B); transferring the encrypted data and the encrypted transfer specific encryption key over the network for receipt by the receiver (S11B); the server receiving from the receiver the encrypted transfer specific encryption key; the server accessing the receiver specific information to decrypt the encrypted transfer specific encryption key; and decrypting the encrypted data using the decrypted transfer specific encryption key.



(54) Title of the invention : CRYSTAL FORMS OF (3R)-1-(2-METHYLALANYL-D-TRYPTOPHYL)-3-(PHENYLMETHYL)-3-PIPERIDINECARBOXYLIC ACID 1,2,2-TRIMETHYLHYDRAZIDE

(51) International classification :C07D401/06
(31) Priority Document No :60/583,757
(32) Priority Date :29/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/022408
Filing Date :22/06/2005
(87) International Publication No :WO2006/016995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAPPHIRE THERAPEUTICS, INC.

Address of Applicant :1031 US Highway 22, Suite -303 Bridgewater, NJ 08807, U.S.A.

(72)Name of Inventor :

1)LORIMER, KEITH

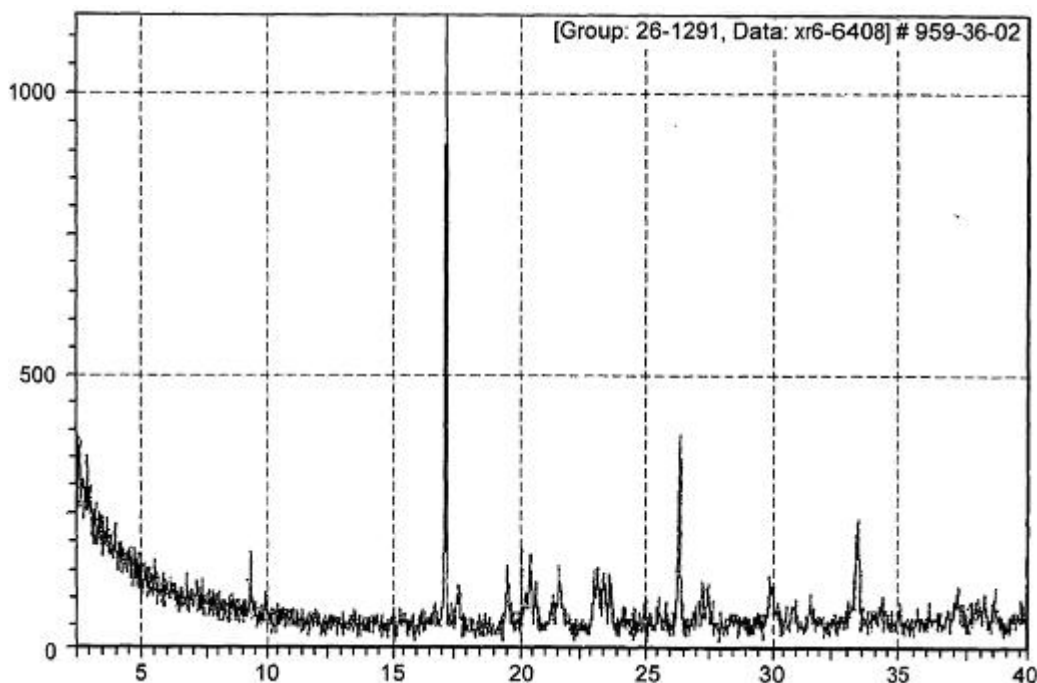
2)PINES, Seemon, H.

No of Pages : 54

No of Claims : 68

(57) Abstract :

Crystalline polymorphs of (3R)-1-(2-methylalanyl-D-tryptophyl)-3-(phenylmethyl)-3-piperidinecarboxylic acid 1,2,2-trimethylhydrazide which are useful as pharmaceutical agents are disclosed. Methods of production and isolation of these polymorphs and pharmaceutical compositions which include these polymorphs and pharmaceutical methods of treatment are also disclosed. The crystalline polymorphs of the present invention are useful as they act directly on the pituitary gland cells to release growth hormone.



(54) Title of the invention : SEMI-PERMEABLE FABRICS FOR TRANSFER BELT AND PRESS FABRIC APPLICATIONS

(51) International classification :D21F7/08
 (31) Priority Document No :10/896,532
 (32) Priority Date :22/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/025253
 Filing Date :18/07/2005
 (87) International Publication No :WO2006/020097A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

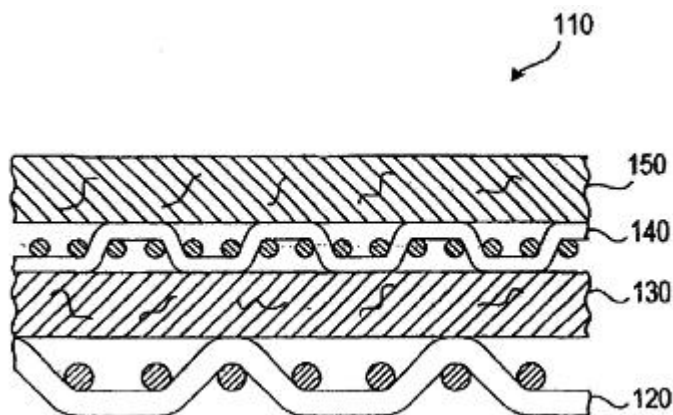
(71)Name of Applicant :
1)Albany International Corp.
 Address of Applicant :1373, Broadway, Albany,New York 12204,
 U.S.A.
 (72)Name of Inventor :
1)Robert A, Hansen

No of Pages : 19

No of Claims : 18

(57) Abstract :

A papermaker's fabric (110) formed by arranging a number of layers (120,130,140, 150) in a predetermined manner, wherein at least one layer (140) comprises a material which is woven, knitted or braided and has a first melting point temperature and wherein each of the remaining layers (120,130,150) has a melting point temperature which is higher than said first melting point temperature and heating said number of layers to a temperature at least equal to said first melting point temperature and less than said melting point temperature of each of the remaining layers such that said at least one layers melts without melting the remaining layers.



(54) Title of the invention : RADIO TRANSMISSION DEVICE, RADIO RECEPTION DEVICE, RADIO TRANSMISSION METHOD AND RADIO RECEPTION METHOD

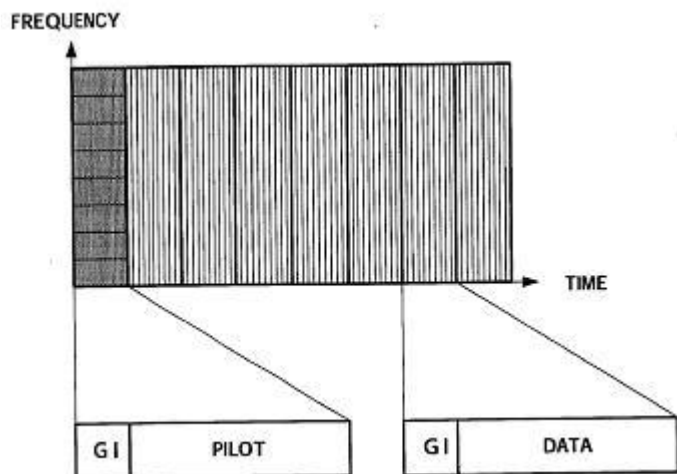
(51) International classification	:H01L27/00	(71)Name of Applicant :
(31) Priority Document No	:2004-222388	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
(32) Priority Date	:29/07/2004	Address of Applicant :1006, Oaza Kadoma, Kadoma-shi, Osaka 571-
(33) Name of priority country	:Japan	8501, Japan
(86) International Application No	:PCT/JP2005/013093	(72)Name of Inventor :
Filing Date	:14/07/2005	1)Kenichi MIYOSHI
(87) International Publication No	:WO2006/011376A1	2)Akihiko NISHIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 18

(57) Abstract :

A radio transmission device capable of improving channel estimation precision for each frequency. In this device, an FFT unit (103) subjects a data signal to a Fourier transformation. A signal substitution unit (108) substitutes the frequency component of a portion of a plurality of frequency components composing the Fourier-transformed data signal, for a pilot signal. An IFFT unit (109) subjects the data signal, the frequency component of which has been partially substituted for the pilot signal, to an inverse Fourier transformation. A transmission RF unit (111) transmits the inversely Fourier-transformed data signal on a single carrier.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.274/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :05/03/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : CHEMOENZYMATICALLY HYDROLYSABLE BIOLOGICALLY ACTIVE COMPOUNDS

(51) International classification	:A61K38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KOPRAN RESEARCH LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PARIJAT HOUSE, 1076 DR E MOSES ROAD,
(33) Name of priority country	:NA	WORLI, MUMBAI-400 018, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAYANT VENKATESH DESHPANDE
(87) International Publication No	: NA	2)VAISHALI MADHUKAR KADAM
(61) Patent of Addition to Application Number	:NA	3)VANDANA SANDEEP GUPTA
Filing Date	:NA	4)KAMLESH JAYANTILAL RANBHAN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 7

(57) Abstract :

This invention relates to chemoenzymatically biologically active compounds. This invention also relates to process for the preparation of the chemoenzymatically hydrolysable biologically active compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :29/03/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A METHOD AND SYSTEM TO CALCULATE OPERATIONAL RISK

(51) International classification	:G06Q10/00 G06Q40/00	(71) Name of Applicant : 1)ICICI BANK LTD Address of Applicant :BANDRA KURLA COMPLEX, MUMBAI, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)V. SRAVAN KUMAR
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 26

(57) Abstract :

The present invention relates to a method for calculating operational risk exposure for a product or a process, said method comprising the steps of: - storing the data relating to the errors and losses in respect of said product or process, entering the transaction data, entering the translator function, building frequency and severity distribution for said losses, simulating loss distribution based on said frequency and severity distribution, and calculating risk exposure on the basis of said simulations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.427/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :08/04/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUCHAK - A PREDICTIVE TOOL FOR CREATING TEXT IN INDIAN LANGUAGES

(51) International classification	:G10L11/00 G10L13/06 G10L15/02 G10L21/00	(71) Name of Applicant : 1)PENFOSYS PRIVATE LIMITED Address of Applicant :291, SOMAWAR PETH, PUNE 411 011, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KALA SRIRAM
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 3

(57) Abstract :

This invention relates to a predictive tool for creating text in Indic languages based on analyzing phonetic syllables of words and their frequency. The tool also has a frequency profiler which adapts to the frequency of a users use of words in the Indic script to create texts.

(54) Title of the invention : SKIN AND HAIR TREATMENT COMPOSITION AND PROCESS FOR USING SAME RESULTING IN CONTROLLABLY-RELEASABLE FRAGRANCE AND/OR MALODOUR COUNTERACTANT EVOLUTION

(51) International classification	:A61K8/00 A61K7/75	(71)Name of Applicant :
(31) Priority Document No	:10/823,492	1)INTERNATIONAL FLAVORS & FRAGRANCES INC.
(32) Priority Date	:13/04/2004	Address of Applicant :521 WEST 57TH STREET, NEW YORK, NY
(33) Name of priority country	:U.S.A.	10019, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CLINT DEE WINTON BROOKS
(87) International Publication No	: NA	2)LEWIS MICHAEL POPPLEWELL
(61) Patent of Addition to Application Number	:NA	3)STEVEN SEMOFF
Filing Date	:NA	4)JEROME I. LINDAUER
(62) Divisional to to Application Number	:NA	5)KAIPING LEE
Filing Date	:NA	6)YUEQIAN ZHEN
		7)MELANIE BETH PROL
		8)JOHAN GERWIN LODEWIJK PLUYTER

No of Pages : 53

No of Claims : 26

(57) Abstract :

Described is a human epidermal and/or human hair treatment composition of (i) fragrance and/or malodour counteractant and(ii) fragrance-and/or malodour counteractant-compatible solvent-containing microcapsules provided in a suspension gel or emulsion. Also described is a method for delivery of fragrance and beneficial agents to the human epidermal surface area region treatment and/or human hair treatment wherein the microcapsules remain on the human epidermis and/or on the hair follicles for a substantial period of time subsequent to their application and the microcapsules are ruptured over a period of time, thereby effecting both an initial delivery of fragrance and beneficial agent subsequent to rubbing, and, in addition, a controlled release of fragrance and beneficial agents into to the treated human epidermis and/or hair follicles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.439/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :06/04/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PREPARATION OF DENATONIUM HYDROXIDE AND USE THEREOF FOR QUATERNARY AMMONIUM SALTS

(51) International classification	:C07C3/00	(71)Name of Applicant :
(31) Priority Document No	:04078299.7	1)DISHMAN PHARMACEUTICALS AND CHEMICALS LTD.
(32) Priority Date	:06/12/2004	Address of Applicant :BHADR-RAJ CHAMBERS, SWASTIK CROSS
(33) Name of priority country	:EUROPEAN UNION	ROAD, NARVANGPURA, AHMEDABAD - 380 009, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VYAS, RANJNIKANT JANMEJAY
(87) International Publication No	:WO2006/062406A2	2)SHAH, JAYSHREE H
(61) Patent of Addition to Application Number	:NA	3)RAVAL, RAVINDRA NIRANJANBHAI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

The invention relates to a process for the preparation of a quaternary ammonium hydroxide, in particular denatonium hydroxide, and the use thereof for the preparation of a quaternary ammonium salt, in particular denatonium benzoate. Due to its extremely bitter taste, this latter compound is applied in the art as an aversive agent, biocide, antifoulant and flavorant. It is usually prepared from a quaternary ammonium halide in an organic environment, which after isolation and purification is converted to a hygroscopic and unstable hydroxide intermediate, which in turn is immediately converted to the salt of interest in the solvent in which it is prepared. It is now found that these isolation steps can be avoided by performing the reaction at aqueous conditions. This is more straightforwardly and does not require costly precautions to avoid contact while handling. Moreover, the process of the invention allows to produce the quaternary ammonium salt from a lignocaine compound in a one-pot synthesis involving mostly water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.460/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF SUBSTANTIALLY PURE AMORPHOUS FLUVASTATIN

(51) International classification	:C07D209/24 C07D209/18 A61K31/404	(71) Name of Applicant : 1)Glenmark Pharmaceuticals Limited Address of Applicant :B/2,Mahalaxmi Chambers, 22,Bhulabhai Desai Road, Post Box No. 26511,Mumbai-400 026. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SHEKHAR BHASKAR BHIRUD
(33) Name of priority country	:NA	2)RAMASUBRAMANIAN SRIDHARAN
(86) International Application No	:NA	3)SAMIR JAIVANT NAIK
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 59

No of Claims : 51

(57) Abstract :

A process for producing fluvastatin or a pharmaceutically acceptable salt thereof in a substantially pure amorphous form is provided comprising (a) providing a solvent solution comprising substantially non-amorphous fluvastatin or a pharmaceutically acceptable salt thereof in a solvent capable of dissolving the fluvastatin; and (b) recovering fluvastatin or a pharmaceutically acceptable salt thereof in a substantially pure amorphous form. Also provided is an alternative process for producing fluvastatin or a pharmaceutically acceptable salt thereof in a substantially pure amorphous form comprising (a) providing a solvent solution comprising a straight or branched C₁ - C₄ alkyl ester of substantially non -omorphous fluvastatin in a lower alcoholic solvent or cyclic ether solvent capable of dissolving the fluvastatin; (b) hydrolyzing the fluvastatin ester solution with an aqueous solution comprising an alkali metal hydroxide; and (c) recovering fluvastatin or a pharmaceutically acceptable salt thereof in a substantially pure amorphous form.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :19/04/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : ELECTRICITY GENERATION FROM URINE

(51) International classification	:C02F1/469	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHRIKANT RAJARAM KOKARE
(32) Priority Date	:NA	Address of Applicant :3 AT/ POST: BNALI, TAL:JATH, DIST:
(33) Name of priority country	:NA	SANGLI 416 404, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRIKANT RAJARAM KOKARE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 5

(57) Abstract :

It is widely recognized that rural areas in developing countries, suffer an energy crisis from oil price increase on one hand and from the depletion of traditional fuel resources such as firewood on the other hand. Urine is one of it, which has not been considered as major ingredient for biomass energy conversion. Total volume of urine excreted by an adult is about 1500 ml in a day and it varies according to season and age of human being. If we consider a country like India or China where more than one billion people resides, 1.5 billions of liter of urine is thrown off every day. Realizing the potential of these urine as in general and their constituents in particular we have to recycle some part of it.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :25/04/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : An Improved Air-Cooler

(51) International classification	:F25B13/00 F25D3/00	(71) Name of Applicant : 1)SHAH ANURAG
(31) Priority Document No	:NA	Address of Applicant :207, Shubham Apartment, Napier Town,
(32) Priority Date	:NA	Jabalpur, Pin-482001, Madhya Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SHAH ANURAG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 4

No of Claims : 2

(57) Abstract :

The invention air cooler of present invention would do away with the cooling pads that are positioned on the three or more sides of present day air coolers as also with the water pump. It would mount the motor on top of the cooler and drive the exhaust fan with a belt and pulleys or a gear arrangement. To the other end of the shaft of the exhaust fan would be fixed a fan like structure of a diameter larger than that of the exhaust fan with a wetting material like cloth for its blades fixed to the shaft of the exhaust fan an angle almost normal to the plane of rotation of the exhaust fan. This fan like structure would act as a mistifier as its wetting blades would pass through the water in the tank at the bottom creating a zone of fine water droplets to be blasted into the room air with full force as the rear of the cooler be left uncovered when the cooler is in use.

(54) Title of the invention : AN AUTO TRANSFER SWITCH WITH ELECTRICAL INTERLOCK MECHANISM CAPABLE OF SUPPLYING POWER FROM PREFERRED ELECTRIC SOURCE

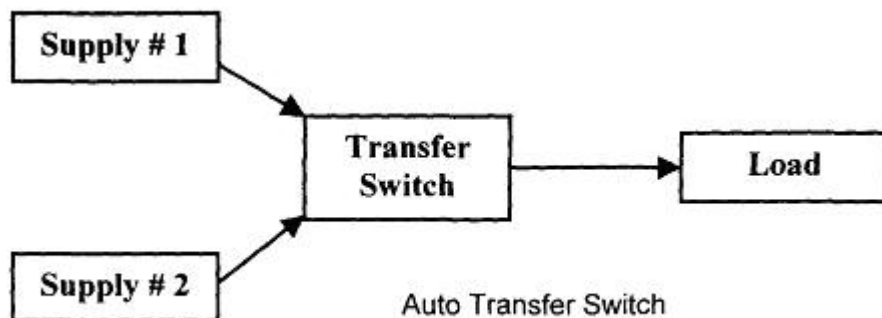
(51) International classification	:H02J3/14 H02J9/06 H02J3/12	(71)Name of Applicant : 1)Larsen & Toubro Limited Address of Applicant :L & T House, Ballard Estate, Mumbai -400 001, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Pravin P Mhaskar
(33) Name 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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

Present invention is an ATS (ATS) with electrical interlock mechanism capable of supplying power form preferred source out of Normal or Alternate power sources. Power is supplied to load form two power sources namely Normal and Alternate. Auto Transfer Switch (ATS) based on selection of preferred supply will detect respective source through detection circuit. If selected source is in healthy state as per set values available with ATS, then only ATS will connect; this detects two sources and gives command to interlocking unit. Interlocking unit receives signals form controller as well as form electrical switching devices regarding their status. Interlocking unit controls operation of ATS thereby making ATS less dependent on controller. Internal power required for operation of ATS is derived for the above said power sources.



(54) Title of the invention : A SPINNING ROTOR FOR OPEN END SPINNING MACHINE

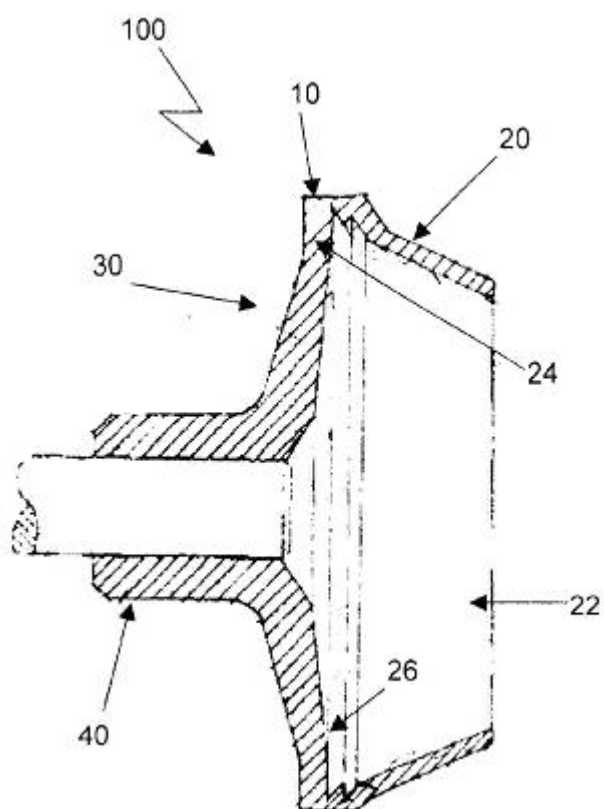
(51) International classification	:D01H4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)The Arvind Mills Ltd.
(32) Priority Date	:NA	Address of Applicant :Naroda Road, Ahmedabad- 380 025, Gujarat
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sachin Kulkarni
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 10

(57) Abstract :

The present invention provides a spinning rotor comprising an inclined annular wall portion defining rotor opening, a base wall portion connected to the annular inclined wall portion, a mounting hub extending exteriorly from the base wall portion and at least two collecting grooves in the interior of annular wall for accumulating fibers for ring of aligned and parallel fibers while spinning and imparting a spinning angle for producing united yarn having a structure like ring spinning yarn. The yarn obtained from the open end apparatus comprising the said spinning rotor has structure like a yarn obtained from the ring spinning apparatus.



(54) Title of the invention : MECHANISM FOR SEALABILITY OF OVERLOAD RELAY IN OFF CONDITION

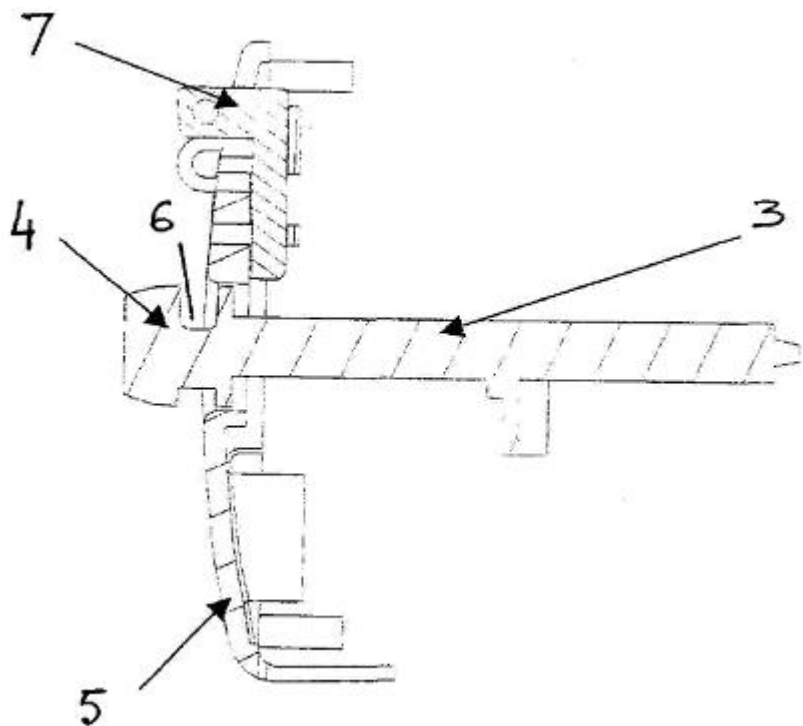
(51) International classification	:H01H51/06 H01H51/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate, Mumbai 400 001
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAUDHARI,Hemant Laxman
(87) International Publication No	: NA	2)OCHANI,Deepak Mangharam
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 9

(57) Abstract :

A mechanism for sealability of overload relay in off condition, the said mechanism comprising interrupter means (3 and 4) adapted for interrupting the flow of pick up current in the contactor coils through the normally close contact (1) of the relay and means (7) adapted for holding the said interrupter means (3) permanently in its depressed position interrupting the flow of pick up current in the contactor coils. The mechanism sealability mechanism can be sealed by any type of seal for sealing the slider (7) with the relay shroud (5).



(54) Title of the invention : MECHANICAL CO-AXIAL SINGLE STAGE SPEED REDUCER

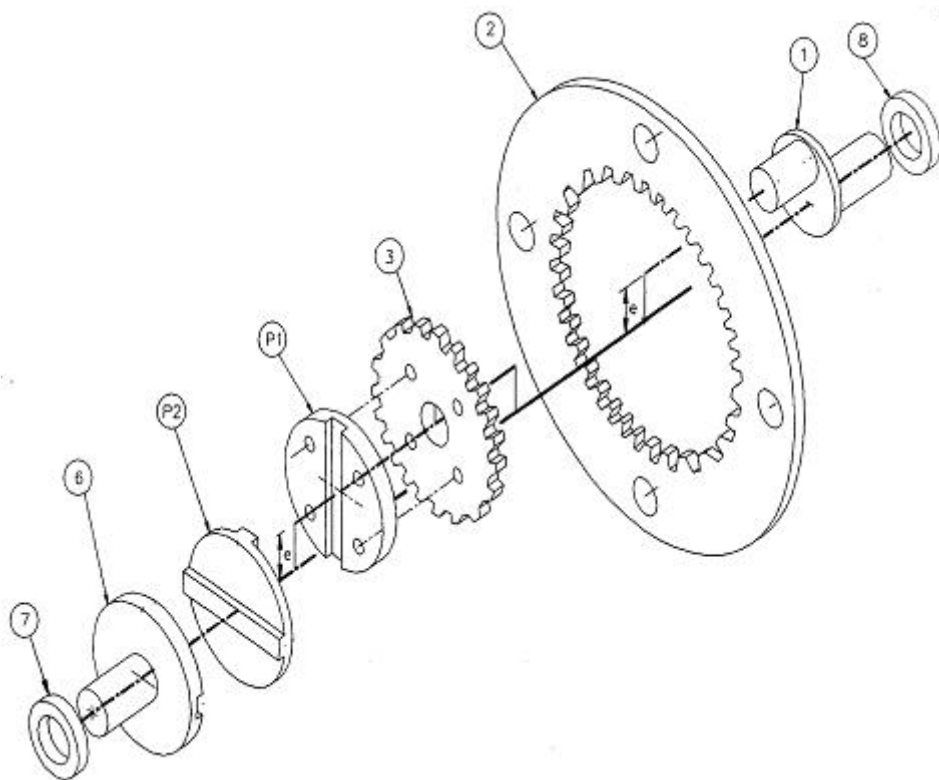
(51) International classification	:F16H35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAYKUMAR BALKRISHNA KALBURGI
(32) Priority Date	:NA	Address of Applicant :Ninay Nagar, Sector-8/B, Flat- D/6, Chandlodia
(33) Name of priority country	:NA	Road, Ahmedabad-382481, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAYKUMAR BALKRISHNA KALBURGI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 8

(57) Abstract :

A mechanical co-axial single stage speed reducer consisting mainly an eccentric input shaft, a pair of pinion and annular stationary ring with matching gear teeth. The pinion is mounted on the eccentric shaft with bearing so that it can freely rotate on eccentric portion of the input shaft. The diameter of pinion is smaller than the internal teeth gear diameter. due to cycloidal motion the pinion rotates in a direction opposite to that of input shaft but at slower speed. A novel three piece motion transmitter consisting of three parts, one part connected to the pinion and has straight slots or projection in it, second a floating disc having matching slot or projection on both sides but at 90 degrees, and the third piece which also has mating slot or projection is attached to the output shaft which is concentric with the stationary annular ring with internal gear teeth. thus the three piece motion transmitter transfers the rotary motion from pinion to the output shaft.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.67/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :23/01/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERRING SOFTWARE PIRACY IN A VOLUME LICENSE ENVIRONMENT

(51) International classification	:H04L9/00	(71) Name of Applicant :
(31) Priority Document No	:10/356,225	1)MICROSOFT CORPORATION
(32) Priority Date	:31/01/2003	Address of Applicant :ONE MICROSOFT WAY
(33) Name of priority country	:U.S.A.	REDMOND, WASHINGTON 98052 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CAGLAR GUNYAKTI
(87) International Publication No	: NA	2)KRISTJAN E.HATLELID
(61) Patent of Addition to Application Number	:NA	3)NING ZHANG
Filing Date	:NA	4)XIAOXI TAN
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 36

(57) Abstract :

A unique volume license key (VLK) is provided to a volume license holder. A signed file containing the VLK and the data derived from volume from volume license holder's submitted computing environment information is provided to the volume license holder along with the licensed software. The license file is stored in a central location, such as on an installation server, or locally on client machines, in a rather large file of any type. Upon login, the license file is read, the data authenticated and the system is activated. If license data cannot be authenticated, a connected system either fully functions in grace period or run in reduced functionality mode until authentication succeeds. If the system is disconnected, the system is functional only with disconnected features until it joins a network again. In a completely off-line installation, the license file is generated by the volume license holder using software vendor assigned specific VLK and software vendor provided security hardware device. The distribution methods of software package, the VLK, and the license file can be flexible, including, but not limited to, single or multiple media.

(54) Title of the invention : A NOVEL DISPOSABLE SLIPPER AND METHOD OF MANUFACTURE THEREOF

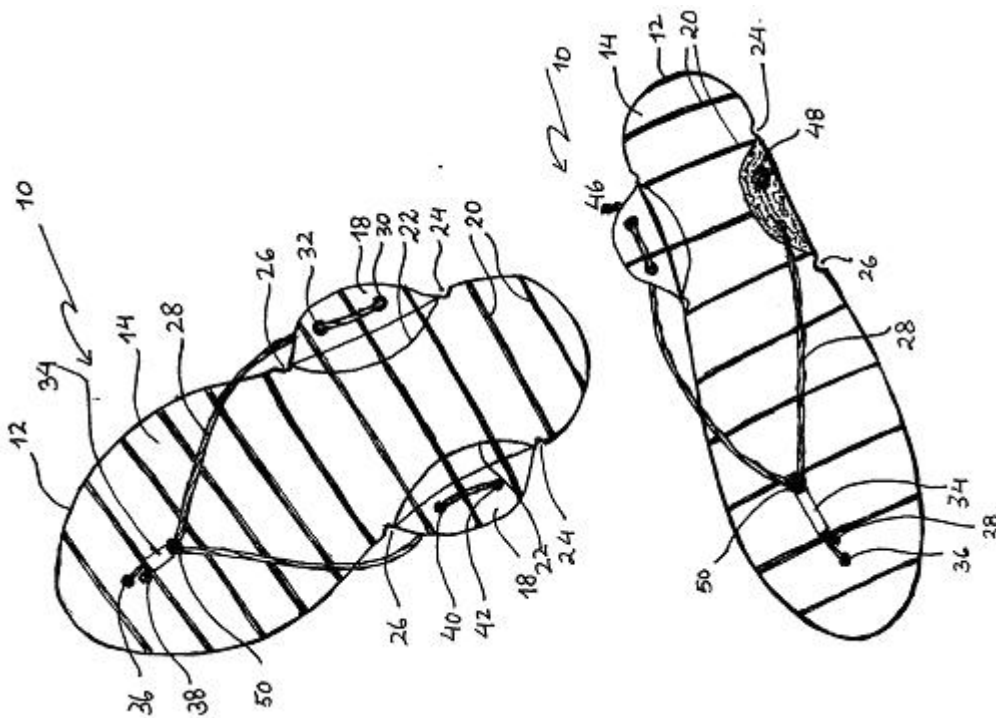
(51) International classification	:A43B9/00 A41B11/00	(71)Name of Applicant : 1)SATISH GOKHALE
(31) Priority Document No	:NA	Address of Applicant :Rajeev', 828 Shivajinagar, V.G.Kale Road, Pune
(32) Priority Date	:NA	411 004, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SATISH GOKHALE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 19

(57) Abstract :

A disposable footwear made from recycled paper or other cellulosic fibre, comprising: - a flexible sole element having an undersurface and upper surface, - flap elements extending from the sole element and directed vertically upwards; - holes defined in the sole element and the flap elements; - a plurality of grooves on the upper surface of the sole element - plurality of notches at the junction of the sole element and the flap element; - at least one cord element passing through the holes and forming a foot holding structure.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :08/06/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING SILVER AND THE METHOD OF MAKING THE SAME.

(51) International classification	:A01N25/00 A01N25/04	(71) Name of Applicant : 1)SANJEEV KHANDELWAL Address of Applicant :PREM NIVAS, 13, ALTAMOUNT ROAD, MUMBAI - 400 026, 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)SANJEEV KHANDELWAL
Filing Date	:NA	2)PRATIBHA OMRAY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 11

(57) Abstract :

A topical semisolid (gel) formulation composition of nanoparticle Silver and method for producing improved topical semisolid (gel) formulation is disclosed. Topical semisolid (gel) formulation of the invention is having silver with the particle size in the range of nanometer to subnanometer. The nanoparticle size of the silver is responsible for its enhanced therapeutic action.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :29/06/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A DISASTER MANAGEMENT SYSTEM

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PADMANABHAN SEKHAR
(32) Priority Date	:NA	Address of Applicant :G-1/13, PREMJIYOT COMPLEX, CHEMBUR-
(33) Name of priority country	:NA	MANKHURD LINK ROAD, SHIVAJI NAGAR, GOVANDI, MUMBAI
(86) International Application No	:NA	400 043, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PADMANABHAN SEKHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 8

(57) Abstract :

The present invention provides better security to premises along with home automation at a reasonable cost. Disaster management system of this invention is the unique device based of wireless technology combined with custom built hardware to secure the premises from forced intrusion, fire, gas leak and accurately control the humidity and temperature. Various sensors are fixed at appropriate places in the premises to sense and activate DMS to sent alerts in the form of SMS on mobile to the concern person for further necessary action. It can also send as the voice massage and E-mail. Web camera can also be arranged in premises to record the event for record and action for required. DMS can be used to activate or deactivate any electronic device as per schedule or switch on/off with the use of the sensor and can report back the same through SMS/ E mail/ voice massage or on contact number. It can report/ record of any variation in power supply like tempering of connection, power failure etc. it is compatible to all mobiles and accepted to global system to control remotely. By using DMS in an empty house any disaster happens, hardware of the system will observe the change and output device of the system notify the same to concern person for necessary action.

(54) Title of the invention : AN IMPROVED METAL BARS WITH SURFACE TREATMENT

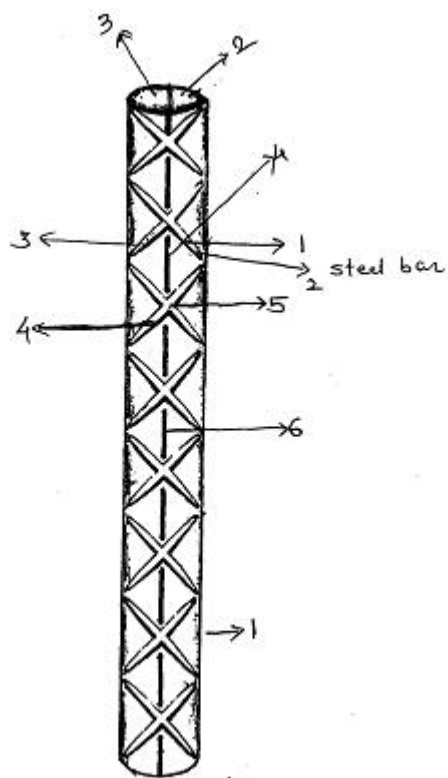
(51) International classification	:C21D8/08 C21D9/70	(71)Name of Applicant : 1)ALLIED FERROMELT PVT. LTD. Address of Applicant :PLOT NO 376, 381-385 VILLAGE SANGHVI, TALUKA KHANDALA, DIST. SATARA, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHIRAZ SABANALI JEENA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 4

(57) Abstract :

The invention relates to a process of manufacturing a metal bar having cross ribs on both the surfaces of the bar front and back intersected by straight ribs passing through the apex of the individual cross on both of its surface front and back comprising charging suitable metal composition in a furnace to produce an ingots; treating the ingots in a rolling mill to give a specific configuration suitable for civil construction providing a surface treatment of Ethylene oxide. So as to obtained corrosion resistant with high stencil straight metal bar suitable for civil construction.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.71/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :27/01/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC BUSINESS LOGIC INTEGRATION

(51) International classification	:G06F9/45	(71)Name of Applicant :
	G06F17/60	1)MILLENNIUM IT (USA) INC,
(31) Priority Document No	:10/400,243	Address of Applicant :245 FIRST STREET,18TH
(32) Priority Date	:27/03/2003	FLOOR,CAMBRIDGE,MA 02142, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)LAKSHITHA C.SURASINGHE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 28

(57) Abstract :

A system for dynamically integrating changes in the rules governing business operation into an application program that implements the rules in order control business operations includes a dynamic business logic rule to the application software as executable routines. The DBLRI presents to a user one or more graphical user interfaces ("GUIs") through which the user writes functional-language expressions for the business logic rules. The respective GUIs correspond to various types of business logic rules, and provide to the user menus of associated functions, operators and parameters that are available for use. The set of parameters associated with a given GUI is dynamically updated, to correspond to change in the underlying business logic rules. The user writes and/or edits the expressions for the respective business logic rules by selectively combining the available functions, operators and parameters. The DBLRI translates the functional expressions into executable routines by evaluating the corresponding expressions and producing associated executable parse trees or DLLs. The application software then calls the executable routines at appropriate times. The DBLRI operates also with a dynamically configurable that provides various parameters required for the business logic rules as the rules are updated, added and/or revised.

(54) Title of the invention : SAFY CYLINDER CAP

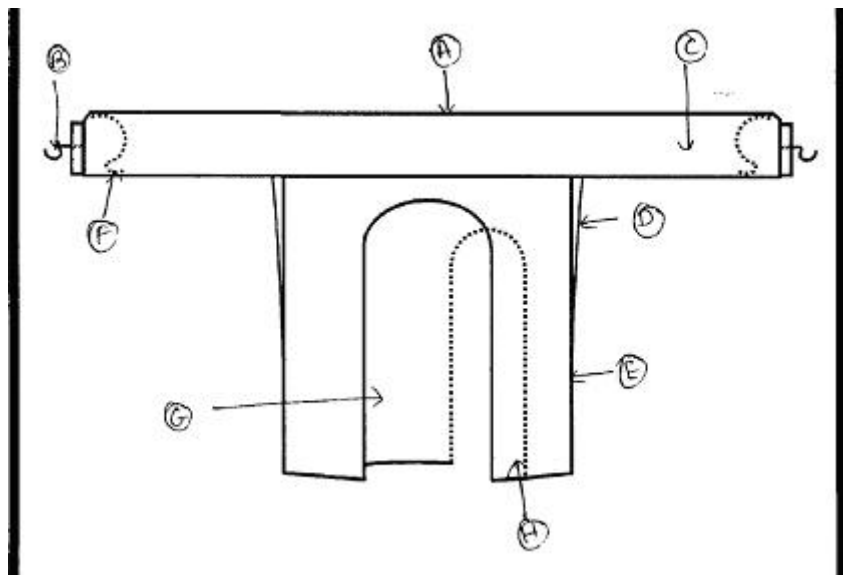
(51) International classification	:B65D41/04 B65D41/62 F17C13/00 F17C13/06	(71)Name of Applicant : 1)Devendra Baburao Chagule Address of Applicant :Chaugule Founders, B-34, Gokul Shirgaon Industrial Area, Kolhapur - 416 234, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Devendra Baburao Chaugule
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 7

(57) Abstract :

A device to protect regulator of L.P.G. cylinder, made up of plastic or aluminum or like metals having upper finished round base, having multipurpose use including extra large space, which is attached with the help of clamps from inner side with round lifting pipe or cylinder to which round protector is attached with the help of rib for wholesomeness, to give protection to the whole body of regulator having a switch window to operate a switch and a pipe window to let the pipe come out of regulator to give rigid protected coverage to the upper side of L.P.G. Cylinder.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.747/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/06/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A PROCESS AND INTERMEDIATE PRODUCT FOR THE PRODUCTION OF RIVASTIGMINE

(51) International classification	:F02C1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ratiopharm India Private Limited
(32) Priority Date	:NA	Address of Applicant :402,Omega, Hiranandani Business Park,
(33) Name of priority country	:NA	Powai,Mumbai-400 076, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ramakrishna Rao
(87) International Publication No	: NA	2)Mukesh Padmakar Shewalkar
(61) Patent of Addition to Application Number	:NA	3)Chandrashekar Ramarao
Filing Date	:NA	4)Rama Rao Venkata Alla
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 16

(57) Abstract :

The invention relates to a novel advantageous process for producing the rivastigmine drug. The process is based on the fact that the compound 3-((S)-1-((S)-1-phenylethylamino)ethyl)phenol is advantageously obtained as an intermediate product and can further be reacted into rivastigmine.

(54) Title of the invention : A DISPENSING DEVICE FOR A WATER PURIFIER

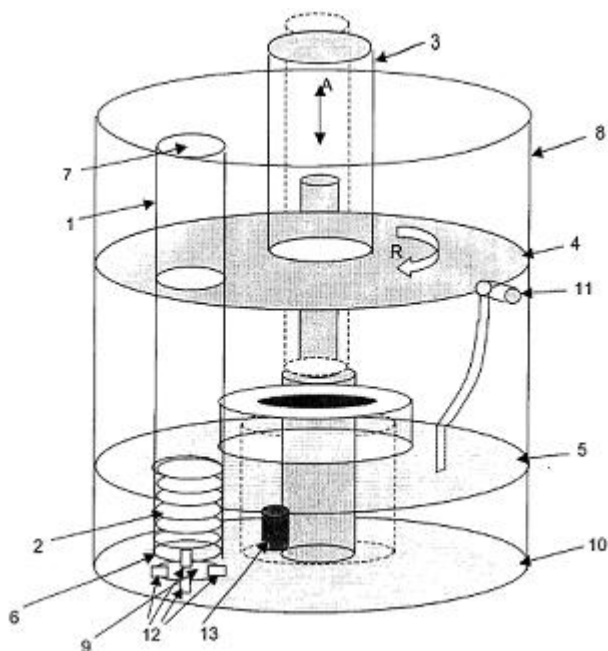
(51) International classification	:C02F1/50 B01J4/00 C02F1/50 B01J4/00	(71)Name of Applicant : 1)HINDUSTAN LEVER LIMITED Address of Applicant :Hindustan Lever House, 165/166, Backbay Reclamation, Mumbai-400 020, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)CHATTERJEE Jaideep
(33) Name of priority country	:NA	2)KUMAR Velayudhan Nair Gopa
(86) International Application No	:NA	3)NADAKATTI Suresh Murigeppa
Filing Date	:NA	4)SHAH Nimish Harshadrai
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 11

(57) Abstract :

A unit-dose disintegrating and dispensing device for dispensing a disinfectant for use in a water purifier comprising: (a) a container having a base provided with a unit-dose dispensing aperture; (b) a plurality of tabs disposed below said aperture, said tabs capable of supporting a unit dose (c) a cam-operated unit-dose disintegrating and dispensing mechanism disposed in said container, said mechanism comprising (i) a handle for driving the cam (ii) a cam-driven shaft capable of rotational and axial motion along its own axis; (iii) an open-ended column for holding a stack of unit-doses of disinfecting material, said column offset from and attached to said shaft and capable of being rotated on rotation of said shaft (iv) a crushing arm offset from and attached to said shaft and capable of rotation around the axis of said shaft and capable of axial motion parallel to the axis of said shaft such that at one position at which said column is aligned with said aperture, only one unit-dose is released from said column and held on said tabs, and on driving said cam, at the disintegrating and dispensing position, said crushing arm aligns with and axially pressurizes said unit dose against said tabs thereby disintegrating the unit dose to dispense it from said container. The invention also relates to a water purification device comprising the unit dose dispensing device of the invention.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.787/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : An improved process for the preparation of 2-[2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]ethanol fumarate

(51) International classification	:A61K31/554 C07D417/04 A01K31/554	(71)Name of Applicant : 1)USV LIMITED Address of Applicant :B.S.D.Marg,Station Road, Govandi, Mumbai-400 088, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Tarur, Radhakrishnan Venkatasubramanian
(33) Name of priority country	:NA	2)Sathe, Dhananjay Govind
(86) International Application No	:NA	3)Naidu, Avinash Venkatraman
Filing Date	:NA	4)Aher, Umesh Parashram
(87) International Publication No	: NA	5)Patil, Sachin Shivaji
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

The present invention relates to an improved process for the preparation of 2-[2-(4-Dibenzo[b,f][1,4] thiazepin-11-yl-1-piperazinyl)ethoxy] ethanol hemifumarate (Quetiapine hemifumarate).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A THEFT DETECTING DEVICE

(51) International classification	:B60R25/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE ENERGY LTD.
(32) Priority Date	:NA	Address of Applicant :Reliance Energy Centre, Santacruz(East),
(33) Name of priority country	:NA	Mumbai, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DATTAKUMAR RAJARAM SUKHTANKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 9

(57) Abstract :

The present invention relates to an improved power distribution unit (PDU) having at least a sensor for sensing parameters such as voltage, current, temperature, magnetic field or any of them; comparator for comparing the aforesaid parameters with predetermined values of said parameters; means for generating a signal when input to said comparator differs from predetermined values; such that when PDU is unauthorizedly accessed causing change in parameters thereof, a signal is generated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PERFORATED KITCHEN CUTLERY BASKET

(51) International classification	:A47J45/10 A47G17/08	(71) Name of Applicant : 1)BHUPENDRA RATILAL KAWA
(31) Priority Document No	:NA	Address of Applicant :2 JAY BHARAT INDUSTRIAL ESTATE
(32) Priority Date	:NA	DINDOSHI VILLAGE OPP.VIRWANI INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	GOREGAON(EAST), MUMBAI-400 063, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BHUPENDRA RATILAL KAWA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 5

No of Claims : 1

(57) Abstract :

A perforated cutlery basket (1) comprising a basket of box type construction open at top (2) having a perforated bottom (3) with perforated side walls (4), (5), (6),(7) at four of its sides the said basket having compartment (8), (9),(10),(11) for providing different small articles in different places the said side walls are extended further by providing by wire rods (12), (13),(14),(15) of different construction made from electro plated stainless steel wherein the front projection (14) provided as handle for push and pull of the drawer in the cabinet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :05/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : A simple and efficient process for the synthesis of an ACE inhibitor

(51) International classification	:C12Q1/70 A01N1/00	(71)Name of Applicant : 1)CIPLA LIMITED Address of Applicant :289,Bellasis Road, Mumbai Central, Mumbai - 400 008, 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)Kankan, Rajendra Narayanrao
Filing Date	:NA	2)Rao, Dharmaraj Ramachandra
(87) International Publication No	: NA	3)Phull, Manjinder Singh
(61) Patent of Addition to Application Number	:NA	4)Sawant, Ashwini
Filing Date	:NA	5)Birari, Dilip Ramdas
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 7

(57) Abstract :

A process for preparing oftrandolapril comprising the steps of reacting sub-molar proportion of N- [1-(S)-ethoxy carbonyl-3- phenyl propyl]-L-alanine N- carboxyanhydride with trans-octahydro-1H-indole-2-carboxylic acid and optionally with (2S,3aR,7aS) octahydro-1H-indole-2-carboxylic acid, in the presence of organic base in non - polar organic solvent is disclosed. The present invention also discloses a process for resolution of racemic trans octahydro-1H-indole-2-carboxylic acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :14/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR LOW TEMPERATURE RECYCLABLE CATALYST FOR HECK REACTION USING ULTRASOUND

(51) International classification	:G05B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHRINIWAS DAMODAR SAMANT
(32) Priority Date	:NA	Address of Applicant :Department of Chemistry, University Institute of
(33) Name of priority country	:NA	Chemical Technology, Nathalal Parekh Marg, Matunga (East), Mumbai -
(86) International Application No	:NA	400 019, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHRINIWAS DAMODAR SAMANT
(61) Patent of Addition to Application Number	:NA	2)GIRISH VASANT AMBULGEKAR
Filing Date	:NA	3)BHALCHANDRA MAHADEO BHANAGE
(62) Divisional to to Application Number	:NA	4)MAYUR JAGDISH BHANUSHALI
Filing Date	:NA	

No of Pages : 10

No of Claims : 9

(57) Abstract :

Catalyst product separation and recycle is one of the major problem in homogenous catalysis. Many of the recyclable homogenous catalysts operate at high temperature. This invention shows that under sonication such catalyst can be used at low temperature. Hence, this is an attractive method for many of the temperature sensitive substrates, which requires homogenous catalysis. The concept has been demonstrated using heck as the model reaction. The reaction of iodobenzene with methyl acrylate with NMP as the solvent has been studied using Pd/C as a catalyst in the presence of ultrasound at room temperatures. The ultrasound increased the rate of the reaction. The effect of base, solvent and recyclability of the catalyst were studied in the presence of ultrasound and without ultrasound. The reaction takes place only in the presence of ultrasound. The catalyst can be recycled for two cycles with no significant loss in activity using sodium formate under sonication.

(54) Title of the invention : A method of achieving oral contraception in female using a pharmaceutical composition comprising of danazol in lower dose with enhanced solubility

(51) International classification	:A61K9/14 A61K9/16 A61K9/20	(71)Name of Applicant : 1)Vavia Pradeep Ratilal Address of Applicant :Mumbai University Institute of Chemical Technology, N.P.Marg, Matunga, Mumbai - 400 019, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Vavia Pradeep Ratilal
(33) Name of priority country	:NA	2)Jadhav Ganesh Sukdeorao
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 10

(57) Abstract :

The instant invention involves a method for achieving oral contraception in female using a pharmaceutical composition comprising of danazol in a lower dose with enhanced solubility, administered in a single dose once. The solubility enhancement of danazol can be achieved by different solubilization techniques preferably by complexation with β -cyclodextrin. The said pharmaceutical composition comprising of danazol achieves oral contraception with minimal or no side effects as compared to danazol alone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.850/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :14/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : COMPOSITE DOOR LOCK

(51) International classification	:E05C1/00 E05C01/12	(71) Name of Applicant : 1)GODREJ & BOYCE MFG CO LTD Address of Applicant :VIKHROLI (WEST), MUMBAI- 400 079, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)THOTTUVAI SIVASUBRAMANI MURALI
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 6

(57) Abstract :

Composition door lock (1) comprising a casing (2) adapted to be mounted on the door in the proximity of the door jamb. A latch bolt (3) is held in the casing spring tensioned. The outer end of the latch bolt protrudes out through an opening (2c) in one sidewall (2a) of the casing and is movable in and out through the said opening. Operating means (7,8,9,10) is provided at the back of the casing for operating the latch bolt from outside. Operating mechanism (18,21) is provided at the front of the casing for operating the latch bolt from inside. Dead locking means (22,24,25,27) is provided in the casing for dead locking the latch bolt. An aldrop bolt (28) is held in the casing spring tensioned parallel to the latch bolt. The outer end of the aldrop bolt is movable in and out through another opening (31) in the said one sidewall of the casing. Operating arrangement (32,33,36) is provided for operating the aldrop bolt from inside. A receptacle (38) is adapted to be fitted on the door jamb aligned with and in the proximity of the casing. The casing is aligned with the latch bolt and aldrop bolt to receive and hold the outer ends thereof (Fig-4). Also a door comprising the composite lock.

(54) Title of the invention : LIGHT EMITTING COMPONENT AND METHOD FOR IT'S MANUFACTURING

(51) International classification :H01L51/20
 (31) Priority Document No :10339772.8
 (32) Priority Date :27/08/2003
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :TW264841B
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NOVALED GMBH

Address of Applicant :ZELLESCHER WEG 17, 01069 DRESDEN, Germany

(72)Name of Inventor :

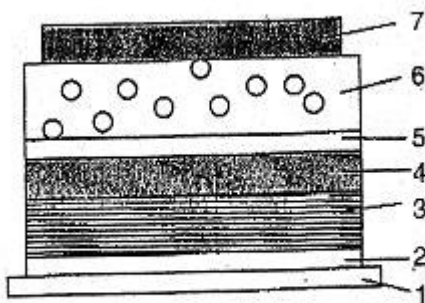
1)JAN BLOCHWITZ-NIMOTH**2)GILDAS SORIN**

No of Pages : 17

No of Claims : 26

(57) Abstract :

The invention relating to a light emitting component with organic layers with several layers between a base contact and a top contact and the suitable manufacturing process, is the basis for the task of increasing the possibility of modification of layers with an improved ability of structuring. This is resolved on the arrangement side in a manner that at least one polymer layer and two molecule layers are arranged, wherein, if the top contact is a cathode, then the layer next to the top contact is built up as an electron transporting molecule layer and is doped through an organic or inorganic donor, wherein the electron transport layer covers an organic main substance and a donor type doping substance and the molecular mass of the dopant is greater than 200g/mol. If the top contact is an anode, then the layer next to the top contact is built up as a p-doped holes transporting molecular layer and is doped with an organic or inorganic acceptor, wherein the holes transport layer covers an organic main substance and an acceptor type doping substance and the molecular mass of the dopant is greater than 200g/mol. On the process side the solution is in the fact that at least one of the layers is evaporated as molecular layer, wherein the molecular layer is doped in such a manner that in a vacuum from two separately regulated sources a mix evaporation takes place.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :12/08/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A HERBAL COMPOSITION FOR THE TREATMENT OF DAMAGED AND FRACTURE BONE

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AJAY BHAGWANDAS BAROT
(32) Priority Date	:NA	Address of Applicant :BEHIND NEW POST OFFICE, POST BOX
(33) Name of priority country	:NA	NO.27, KOSAMBA - 394 120 SURAT - 394 120 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AJAY BHAGWANDAS BAROT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 4

No of Claims : 7

(57) Abstract :

The invention relates generally to a herbal composition used for the treatment of damaged and fractured bone of human being. There is used GADHAM (GREWIA DAMINE) tree ends in powder form, and 'charoli (buchanania latifolia)' powder with same proportion against 70% of GADHAM (GREWIA DAMINE). This composition is the best for use. This composition can be used in powder and liquid forms both.

(54) Title of the invention : DEVICES TO FACILITATE ALIGNMENT AND FOCUSSING OF A FUNDUS CAMERA

(51) International classification :A61B3/15
 (31) Priority Document No :2004900009
 (32) Priority Date :02/01/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001825
 Filing Date :31/12/2004
 (87) International Publication No :WO2005/065528A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

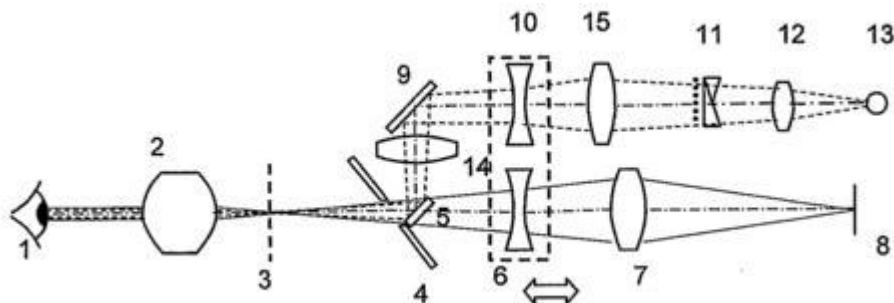
(71)Name of Applicant :
1)VISION INSTRUMENTS PTY LTD
 Address of Applicant :106 Doyle Avenue,Lenah Valley, Hobart,
 Tasmania 7008, Australia
 (72)Name of Inventor :
1)KOENNECKE GREG

No of Pages : 21

No of Claims : 10

(57) Abstract :

A fundus camera is provided with a focus aid mark projection system (5, 9, 10, 11, 12, 13) that includes a focus aid mark focussing lens (10) and other optical components such that the focus aid mark focussing lens (10) is attached to the focussing lens (6) of the imaging system and moves with that lens, thereby maintaining the focal planes of the focus aid mark projection system and the imaging system co-planar. An associated alignment mark projection system (35, 34, 33, 32) includes optics that utilise part of the existing fundus camera illumination system (35) to project a plurality of alignment marks onto the iris of the subject eye.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :26/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : INDUSTRIAL PALLET

(51) International classification	:B65D19/00 B21D53/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI - 400 001 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)TRIMBAK DAKSHINAMURTHY MURTHY
(33) Name of priority country	:NA	2)ABHAY VASANT DIXIT
(86) International Application No	:NA	3)TARAK NATH BOSE
Filing Date	:NA	
(87) International Publication No	:NIL	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 8

(57) Abstract :

The present invention relates to industrial pallets used for materials / goods transportation and storage in various industrial areas, more particularly this invention talks about the metal pallet, wherein thin metal sheet is used in the form of corrugation profile.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :16/08/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : CHIP LEADFRAME DIE

(51) International classification	:H01L23/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OPTIMU CARE INTERNATIONAL TECH. INC.
(32) Priority Date	:NA	Address of Applicant :8F, No.28, Lane 513, Rueiguang Rd, Neihu
(33) Name of priority country	:NA	District, Taipei City 114, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JEFFREY LIEN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 6

(57) Abstract :

A semiconductor chip leadframe module is disclosed, it is to provide selectively installed and directly connected common electrical leads among multiple leadframe units and to provide independent electrical leads which can be connected respectively to circuit board (such as printed circuit board), the leadframe module thus formed provide space for the assembly of multiple chips, and the common signals on the chips can be conneted to common electrical leads and then transferred to the circuit board, in contrary, the independent singals are transferred by the circuit board through independent electrical leads, the circuit boards used layers and the amount of circuit layouts can thus be reduced, a circuit board of lighter weight and smaller form factor can thus be achieved, furthermore, the saving in the usage of the circuit board space further provides more room for the plan and implementation of other functional structures or devices, etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :24/08/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : ELECTRIC COLOUR DISCHARGE MACHINE

(51) International classification :D01H13/30 (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 to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)CHURI RAGHUNANDAN YADAV Address of Applicant :A-123, AMARGIAN COMPLEX, L.B.S. MARG, THANE-400 601, Maharashtra India 2)KHANDILKAR SHARAD MADHUKAR 3)SETH SANJIV RAMPARKASH 4)SULE SUYASH SUDHAKAR (72)Name of Inventor : 1)CHURI RAGHUNANDAN YADAV 2)KHANDILKAR SHARAD MADHUKAR 3)SETH SANJIV RAMPARKASH 4)SULE SUYASH SUDHAKAR

No of Pages : 7

No of Claims : 2

(57) Abstract :

A device to generate chlorine gas/other colour discharging agent by electrolysis. The area of the electrode in contact with the coloured textile article like denim garments etc. produces discharge of colour in desired patterns.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.940/MUM/2004 A

(19) INDIA

(22) Date of filing of Application :30/08/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROGRAMMABLE FIELD MOUNTED DEVICE

(51) International classification	:G01D18/00 G06F9/00 G06F11/00	(71) Name of Applicant : 1)ENDRESS+HAUSER FLOWTEC AG Address of Applicant :KAGENSTRASSE 7, CH-4153 REINACH, Switzerland
(31) Priority Document No	:99120713.5	(72) Name of Inventor :
(32) Priority Date	:18/10/1999	1)JOCHEN STINUS
(33) Name of priority country	:Germany	2)MONIKA BANZHAF
(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 to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 14

(57) Abstract :

To programming the device during running a computational process in device electronics, the device having a activated first memory area storing a first programmable configuration and a deactivated second memory area storing a second programmable configuration. The second programmable configuration is modified. Simultaneously, the first programmable configuration in the first memory area is executed by the computational process. Upon completion of configuring the second memory area, the first memory area is deactivated and the second memory area is activated for executing by the computational process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.967/BOM/1999 A

(19) INDIA

(22) Date of filing of Application :28/12/1999

(43) Publication Date : 01/06/2007

(54) Title of the invention : CRYOGENIC RECTIFICATION SYSTEM WITH HYBRID REFRIGERATION GENERATION

(51) International classification	:F27J1/02,F25J3/00	(71) Name of Applicant :
(31) Priority Document No	:09/222807	1)PRAXAIR TECHNOLOGY , INC
(32) Priority Date	:30/12/1998	Address of Applicant :39 OLD RIDGEBURY ROAD,DANBURY,
(33) Name of priority country	:U.S.A.	STATE OF CONNECTICUT 06810-5113 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DANTE PATRICK BONAQUIST
(87) International Publication No	: NA	2)BAYRAM ARMAN
(61) Patent of Addition to Application Number	:NA	3)JOSEPH ALFRED WEBER
Filing Date	:NA	4)WALTER JOSEPH OLSZEWSKI
(62) Divisional to to Application Number	:NA	5)MARK EDWARD VINCETT
Filing Date	:NA	

No of Pages : 31

No of Claims : 11

(57) Abstract :

A system for generating refrigeration and providing the refrigeration into a cryogenic rectificationh plant wherein, in addition to refrigeration generated by turboexpansion, further refrigeration for the plant is generated by a recirculating multicomponent refrigerant in a refrigeration circuit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.990/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :22/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR MANUFACTURING OF PORTLAND SLAG CEMENT

(51) International classification	:	(71) Name of Applicant :
(31) Priority Document No	:NA	1)GRASIM INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :BIRLAGRAM, NAGDA 456 331, Madhya
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HEGDE SUBRAY BALACHANDRA
(87) International Publication No	:	2)CHELLADURAI PALANIANDY
	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 12

(57) Abstract :

The present invention concerns a process for manufacturing of Portland Slag Cement, in which blast furnace slag and sodium sulfate are mixed as per predetermined ratio, which is dosed with Cement Clinker as per predetermined ratio and then grinding slag clinker mixture in a ball mill to obtain Portland cement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/00354/MUM A

(19) INDIA

(22) Date of filing of Application :30/03/2001

(43) Publication Date : 01/06/2007

(54) Title of the invention : THERAPY FOR IMPROVING COGNITION

(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:98203454.8	1)JANSSEN PHARMACEUTICA N.V.
(32) Priority Date	:16/10/1998	Address of Applicant :TURNHOUTSEWEG 30, BEERSE, B-2340,
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP99/07804	(72)Name of Inventor :
Filing Date	:12/10/1999	1)PAUL LEONCE IRMA DE NIJS
(87) International Publication No	:WO 00/23057	2)WIM LOUIS JULIEN PARYS
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 14

(57) Abstract :

The present invention is concerned with pharmaceutical compositions comprising a carrier and as first active ingredient an atypical antipsychotic agent (I) and as second active ingredient an acetylcholinesterase inhibitor (II), each in an amount producing a therapeutically beneficial effect in patients suffering from psychosis, or Alzheimer's disease or related dementias. Said therapeutically beneficial effect can be a synergistic effect on the cognitive functioning of patients suffering from Alzheimer's disease or related dementias or the prevention of the further deterioration of cognition in said patients, or the reduction of adverse effects associated with the one of the active ingredients by the other of the active ingredients.

(54) Title of the invention : METHOD FOR INHIBITING CYCLOOXYGENASE AND INFLAMMATION USING CHERRY BIOFLAVONOIDS

(51) International classification :A61K 31/00
 (31) Priority Document No :60/111,945
 (32) Priority Date :11/12/1998
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US99/29261
 Filing Date :10/12/1999
 (87) International Publication No :WO00/33824A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

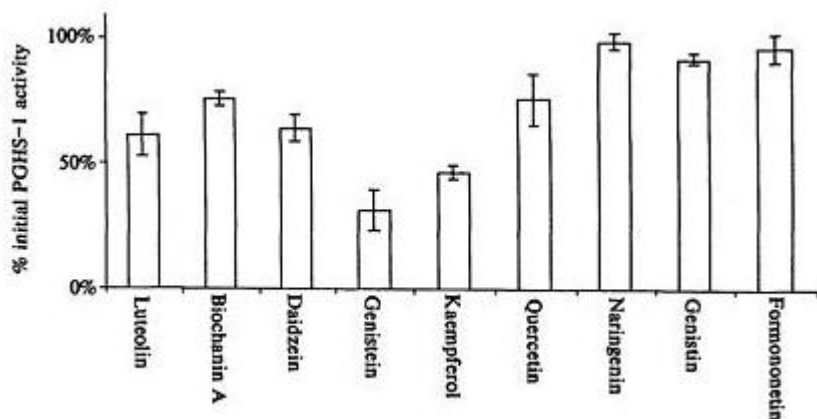
(71)**Name of Applicant :**
1)MICHIGAN STATE UNIVERSITY
 Address of Applicant :238 ADMINISTRATION BUILDING, EAST
 LANSING, MI 48824, U.S.A.
 (72)**Name of Inventor :**
1)MURALEEDHARAN G. NAIR
2)HAIBO WANG
3)GALE M. STRASBURG
4)ALDEN M. BOOREN
5)JAMES I. GRAY

No of Pages : 31

No of Claims : 3

(57) Abstract :

A method for inhibiting cyclooxygenase enzymes and inflammation in a mammal using a cherry or cherry anthocyanins, bioflavonoids, and phenolics is described. In particular, a mixture including the anthocyanins, the bioflavonoids, and the phenolics is described for this use.



(54) Title of the invention : CUTTING ARRANGEMENT

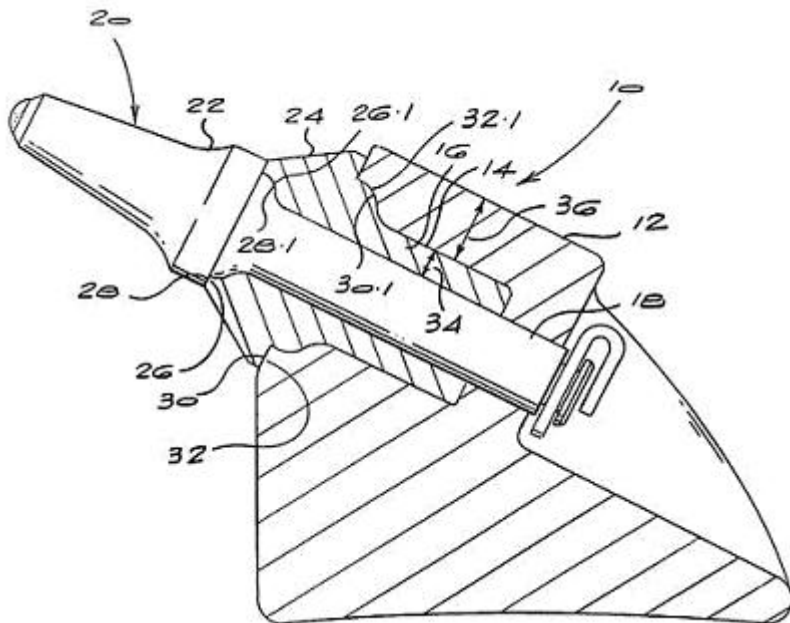
(51) International classification :E21C35/197,E21C35/19 (31) Priority Document No :98/11208 (32) Priority Date :08/12/1998 (33) Name of priority country :South Africa (86) International Application No :PCT/IB99/01935 Filing Date :06/12/1999 (87) International Publication No :WO034626A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)GENESIS MINING TECHNOLOGIES [PROPERIETARY] LIMITED Address of Applicant :GROUND FLOOR, SERENADE PARK, SERENADE ROAD, ELANDSFONTEIN, 1600, South Africa (72) Name of Inventor : 1)JOHANNES HENDRIKUS OOSTHUIZEN

No of Pages : 13

No of Claims : 12

(57) Abstract :

A cutting arrangement (10) includes a pick holder (12) having a bore (14) containing a sleeve (16) within which a shank (18) of a pick (20) is located. The pick (20) and the sleeve (16) each have heads (22; 24). The head (24) of the sleeve (16) has an outer abutting surface (26) and an inner abutting surface (30). The outer abutting surface (26) abuts an abutting surface (28) of the head (22) of the pick (20). The inner abutting surface (30) abuts an abutting surface (32) of the pick holder (12). The abutting surface (28) of the head (22) of the pick (20) has an outwardly curved formation (28.1) which abuts an inwardly curved formation (26.1) on the outer abutting surface (26) of the sleeve (16). The inner abutting surface (30) on the head (24) of the sleeve (16) has an outwardly curved formation (30.1). The abutting surface (32) of the pick holder (12) has an inwardly curved formation (32.1). The inwardly and outwardly curved formations (30.1; 32.1) abut one another.



(54) Title of the invention : A FLUID DISPENSER DEVICE

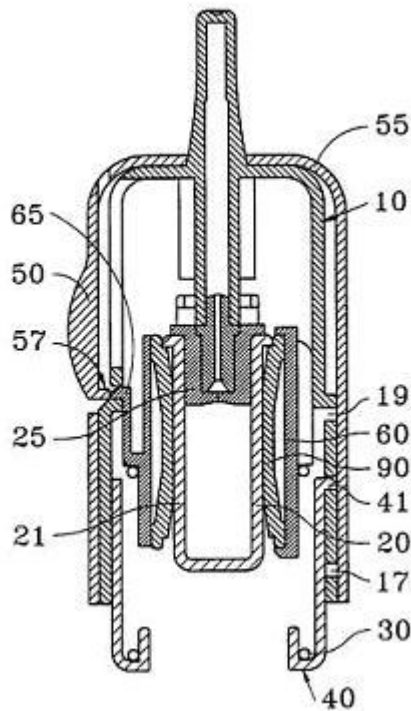
(51) International classification	:B05B11/02	(71)Name of Applicant :
(31) Priority Document No	:99/06495	1)VALOIS S A
(32) Priority Date	:21/05/1999	Address of Applicant :BOITE POSTALE G, LE PRIEURE, F-27110
(33) Name of priority country	:France	LE NEUBOURG, France
(86) International Application No	:PCT/FR00/01320	(72)Name of Inventor :
Filing Date	:17/05/2000	1)FRANCOIS OECHSEL
(87) International Publication No	:WO00/71262 A1	2)BRUNO SIMON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 15

(57) Abstract :

The invention concerns a fluid product dispenser comprising a body (10), defining a dispensing orifice (11), and a reservoir (20) containing one or several doses of fluid product, said reservoir (20), comprising a plunger (25) forming a sealed top when inactivated. The invention is characterised in that the device comprises an elastic element (30), such as a spring, co-operating with said reservoir (20) or the plunger (25), and with a cocking member (40), said cocking member(40) being manually mobile relative to said body (10) to compress said spring (30) and being locked relative to said body (10) in at least one locking position wherein said spring (30) is compressed, said device comprising at least a triggering member (50, 51) designed to release said spring (30) to move said at least one plunger (25) relative to said reservoir (20) to discharge a dose of product.



(54) Title of the invention : METHOD FOR PREPARING SUBSTITUTED [1,4]DIAZEPINO[6,7,1-hi]INDOL-4-ONES

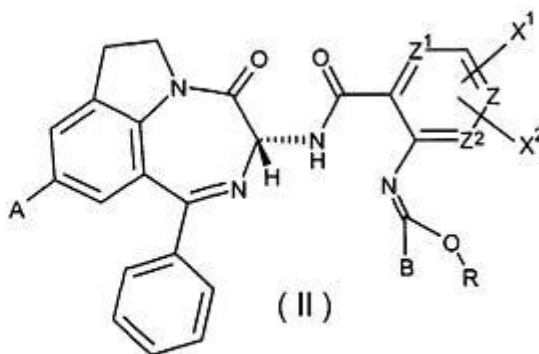
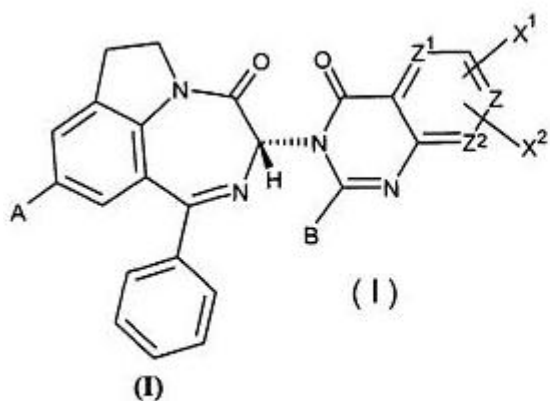
(51) International classification	:C07D487/06 C07D519/00 A61K31/5517	(71)Name of Applicant : 1)WARNER-LAMBERT COMPANY Address of Applicant :201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A.
(31) Priority Document No	:99/08537	(72)Name of Inventor :
(32) Priority Date	:02/07/1999	1)PATRICK BERNARDELLI
(33) Name of priority country	:France	
(86) International Application No	:PCT/FR00/01839	
Filing Date	:29/06/2000	
(87) International Publication No	:WO01/024503A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 9

(57) Abstract :

The invention concerns a method for preparing enantiopure diazepino-indolone of formula (I) which consists in the intramolecular cyclisation of a product of formula (II) wherein A, B, X¹, X², Z, Z¹, Z² and R are as defined in the description, in the presence of a weak Lewis acid catalyst.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/01549/MUM A

(19) INDIA

(22) Date of filing of Application :01/11/2002

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTIBACTERIAL CHIRAL 8-(SUBSTITUTED PIPERIDINO)-BENZO [I, J] QUINOLIZINES, PROCESSES, COMPOSITIONS AND METHODS OF TREATMENT

(51) International classification :C07D 455/04
(31) Priority Document No :09/566,875
(32) Priority Date :08/05/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IN01/00100
Filing Date :08/05/2001
(87) International Publication No :WO01/085728A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WOCKHARDT LIMITED

Address of Applicant :WOCKHARDT TOWERS, BANDRA-KURLA COMPLEX BANDRA (E) MUMBAI - 400 051 Maharashtra India

(72)Name of Inventor :

1)NOEL JOHN DE SOUZA

2)MAHESH VITHALBHAI PATEL

3)SHIVKUMAR AGARWAL

4)SHRIKANT VINAYAK GUPTA

5)DILIP JATASHANKAR UPADHYAY

6)SATISH BALIRAM BHAWSAR

7)MOHAMMAD ALAM JAFRI

No of Pages : 70

No of Claims : 16

(57) Abstract :

The present invention relates to optically pure 8-(substituted piperidino)-benzo [i,j] quinolizines, their isomers, derivatives, salts, pseudopolymorphs, polymorphs prodrugs and hydrates thereof, to processes for their preparation, and to pharmaceutical compositions comprising 8-(substituted piperidino)-benzo [i,j] quinolizines their isomers, derivatives, salts, pseudopolymorphs, polymorphs and hydrates thereof. These compounds and compositions possess potent activity in treating local and systemic infections, particularly infections caused by sensitive and resistant Gram-positive organism infections, Gram-negative organism infections, mycobacterial infections and nosocomial pathogens, and particularly those belonging to the staphylococcus, streptococcus and enterococcus groups. Methods for treating the diseases and disorders arising from the foregoing infections in humans and animals are described by administering the compounds of the invention to said humans and animals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :21/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : QUERY SUPPORTING INTERFACE BETWEEN A CUSTOMER ADMINISTRATIVE SYSTEM AND DATABASE NETWORK ELEMENTS IN A TELECOMMUNICATIONS SYSTEM

(51) International classification	:G06F 7/00
(31) Priority Document No	:08/975,631
(32) Priority Date	:21/11/1997
(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	:
Filed on	3443/DEL/1998
	:17/11/1998

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S- 164 83 STOCKHOLM (SE) Sweden
(72)**Name of Inventor :**
1)ROCH, GLITHO
2)FRANCOIS, LEDUC
3)THOMAS, CROWE
4)CRISTINA, MAZZI

No of Pages : 23

No of Claims : 12

(57) Abstract :

A customer administrative system of a wireless Communications system is interfaced with one or more system database network elements to support not only transaction oriented Communications, but also query oriented Communications. Logic is included in the interface to process and translate search request queries for database network element handling. Results of any searches performed in response to the queries are returned to the interface. The logic then collects the Information comprising the results of the searches, and supports file transfer of the collected information to the requesting customer administrative system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3355/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : "POLYMERS USEFUL AS MEDICAL MATERIAL"

(51) International classification	:B01J 20/26
(31) Priority Document No	:0418123.6
(32) Priority Date	:13/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003157
Filing Date	:11/08/2005
(87) International Publication No	:WO 2006/016166
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF SOUTHAMPTON
Address of Applicant :HIGHFIELD, SOUTHAMPTON, SO17 1BJ, UK
Not Applicable U.K.
(72)**Name of Inventor :**
1)MARK BRADLEY
2)HITOSHI MIZOMOTO

No of Pages : 25

No of Claims : 14

(57) Abstract :

One object of the present invention is to provide polymers suitable for use as medical materials. The present invention provides a polymer useful as a medical material having the general formula (I): $-(A)l-(B)m-(C)n$ in which A is derived from a non-ionic monomer; B is derived from a monomer containing a primary, secondary, tertiary or quaternary amine group; C is derived from a monomer containing an acid group; and $l + m + n = 100$, $0 < l, m, n < 100$.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3356/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :04/05/2007

(43) Publication Date : 01/06/2007

(54) Title of the invention : "POLYMERS USEFUL AS MEDICAL MATERIALS"

(51) International classification	:B01J 20/26
(31) Priority Document No	:0418124.4
(32) Priority Date	:13/08/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/003151
Filing Date	:11/08/2005
(87) International Publication No	:WO 2006/016163
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF SOUTHAMPTON

Address of Applicant :HIGHFIELD SOUTHAMPTON, SO17 1BJ,UK

Not Applicable U.K.

(72)Name of Inventor :

1)MARK BRADLEY

2)HITOSHI MIZOMOTO

No of Pages : 25

No of Claims : 10

(57) Abstract :

One object of the present invention is to provide polymers suitable for use as medical materials. The present invention provides a polymer useful as a medical material having the general formula (1)-(A)₁-(B)_m-(C)_n, in which A is derived from an alkoxyalkyl alkyl acrylate monomer; B is derived from a monomer containing a primary, secondary, tertiary or quaternary amine group; C1 is derived from a non ionic monomer, and $1 + m + n = 100$, 0 - 1, m, n-100.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00335/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :13/02/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : "VACCINE ADJUVANT PROPERTIES OF LIPSOMES FORMED AT ELEVATED TEMPERATURES FROM THE POLAR CHLOROFORM EXTRACTABLE LIPIDS FROM MYCOBACTERIUM BOVIS BACILLUS CALMETTE-GUERIN"

(51) International classification	:A61K 39/39
(31) Priority Document No	:60/309, 512
(32) Priority Date	:03/08/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA02/01217
Filing Date	:02/08/2002
(87) International Publication No	:WO 03/011336
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NATIONAL RESEARCH COUNCIL OF CANADA
Address of Applicant :1200 MONTREAL ROAD, OTTAWA,
ONTARIONK1A 0R6 CANADA. Canada
(72)**Name of Inventor :**
1)SPROTT, G., DENNIS
2)KRISHNAN, LAKSHMI
3)SAD, SUBASH

No of Pages : 1

No of Claims : 0

(57) Abstract :

The invention relates to a liposome comprising a chloroform soluble and extractable total polar lipid of Mycobacterium spp, particularly a chloroform soluble extractable total polar lipid of Mycobacterium spp BCG. The chloroform soluble and extractable polar lipid may comprise at least one of phosphatidylinositol (PI), phosphatidylinositol mannoside (PIM₁), phosphatidylinositol dimannoside (PIM₂), mono and dipalmitoylated forms of PIM₁ and PIM₂, phospholipid of 899 m/z, phosphatidylethanolamine and cardiolipid. The liposome may be prepared by drying chloroform soluble and extractable lipid and then hydrating said dried lipid at a temperature of 65 to 75 °C in water or phosphate buffered saline (PBS). The liposome may be used, for example, to activate dendritic cells to secrete cytokines and modulate an immune response in a mammal, or to direct an immune response to confer protection against a pathogen or a cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00478/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :31/03/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : BIOLOGICALLY ACTIVE CHLOROFORM FRACTION OF AN EXTRACT OBTAINED FROM A MANGROOVE PLANT SALVADORA PERSICAL L.

(51) International classification	:A61K 35/78	(71) Name of Applicant :
(31) Priority Document No	:PCT/IN01/00059	1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
(32) Priority Date	:29/03/2001	Address of Applicant :RAFI MARG, NEW DELHI - 110001, INDIA.
(33) Name of priority country	:India	Delhi India
(86) International Application No	:PCT/IN01/00059	(72) Name of Inventor :
Filing Date	:29/03/2001	1)USHA GOSWAMI
(87) International Publication No	:WO 02/078725	2)NAZARINE FERNANDES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 37

(57) Abstract :

The invention discloses a process of extracting, fractionating and purifying bioactive molecules from an associated mangrove plant, methods of screening for pharmacological activities of crude extract, its fractions and purified compounds and use of the chloroform fraction of the crude extract as anti-spasmodic, anti-arrhythmic and anti-cholinergic agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00657/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :15/03/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PHARMACOLOGICALLY ACTIVE NOVEL DAUER PHEROMONE COMPOUND FOR CONTROLLING AGING AND STRESS AND METHOD FOR ISOLATING AND CHARACTERIZING THE SAME"

(51) International classification :C07H 15/04

(31) Priority Document No :2002-70591

(32) Priority Date :14/11/2002

(33) Name of priority country :Republic of

Korea

(86) International Application No :PCT/KR03/02059

Filing Date :07/10/2003

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PAIK, YOUNG KI

Address of Applicant :102-1807, DUSAN APARTMENT, KURO-KU, 152-090, SEOUL, KOREA; AND KDR BIOTECH. AMSA 2-DONG, KONGDONG-KU, 134-050, SEOUL, KOREA. Republic of Korea

(72)Name of Inventor :

1)PAIK, YOUNG KI

2)JEONG, PAN, YOUNG

No of Pages : 18

No of Claims : 12

(57) Abstract :

The present invention discloses a method for effectively isolating and purifying a physiological active dauer pheromone compound having the following structural formula I related to aging and stress of C. elegans, and determination of the structure of such material. First, ethanol extract is prepared by completely concentrating a liquid medium with ethanol after culturing C. elegans on a S. basal liquid medium, and then this ethanol fraction is further extracted with ethyl acetate. Then, impurities are removed from ethyl acetate extract by a silica-gel adsorption chromatography and a pheromone extract is isolated and purified by amine column chromatographic procedures using various solvents as eluent. Finally, a pheromone compound having structural formula I is completely isolated and characterized by size-exclusion HPLC.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.00846/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :30/05/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PROCESS FOR THE PREPARATION OF PHENYLENE-BIS-BENZIMIDAZOLE-TETRASULPHONIC ACID DISODIUM SALT"

(51) International classification :C07D 235/20
(31) Priority Document No :100 59 254.6
(32) Priority Date :29/11/2000
(33) Name of priority country :Germany
(86) International Application No :PCT/EP01/13509
Filing Date :21/11/2001
(87) International Publication No :WO 02/044155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HAARMANN & REIMER GMBH
Address of Applicant :D-37601 HOLZMINDEN, GERMANY
Germany
(72)Name of Inventor :
1)RALF BERTRAM
2)STEPHAN HILLERS
3)OSKAR KOCH
4)HARRY ERFURT
5)GERALD REINDERS
6)REOLAND LANGNER

No of Pages : 8

No of Claims : 9

(57) Abstract :

Phenylene-bis-benzimidazole-tetrasulphonic acid disodium salt which is largely free from impurities can be prepared by reacting o-phenylenediamine with terephthalic acid and chlorosulphonic acid in the presence of strong acids with a reaction time of 10 to 15 hours.

(54) Title of the invention : "MACHINE AND METHOD FOR PRODUCING BEVEL GEARS"

(51) International classification :B23F 9/10
 (31) Priority Document No :60/269,328
 (32) Priority Date :16/02/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US02/05503
 Filing Date :19/02/2002
 (87) International Publication No :WO 02/066193
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

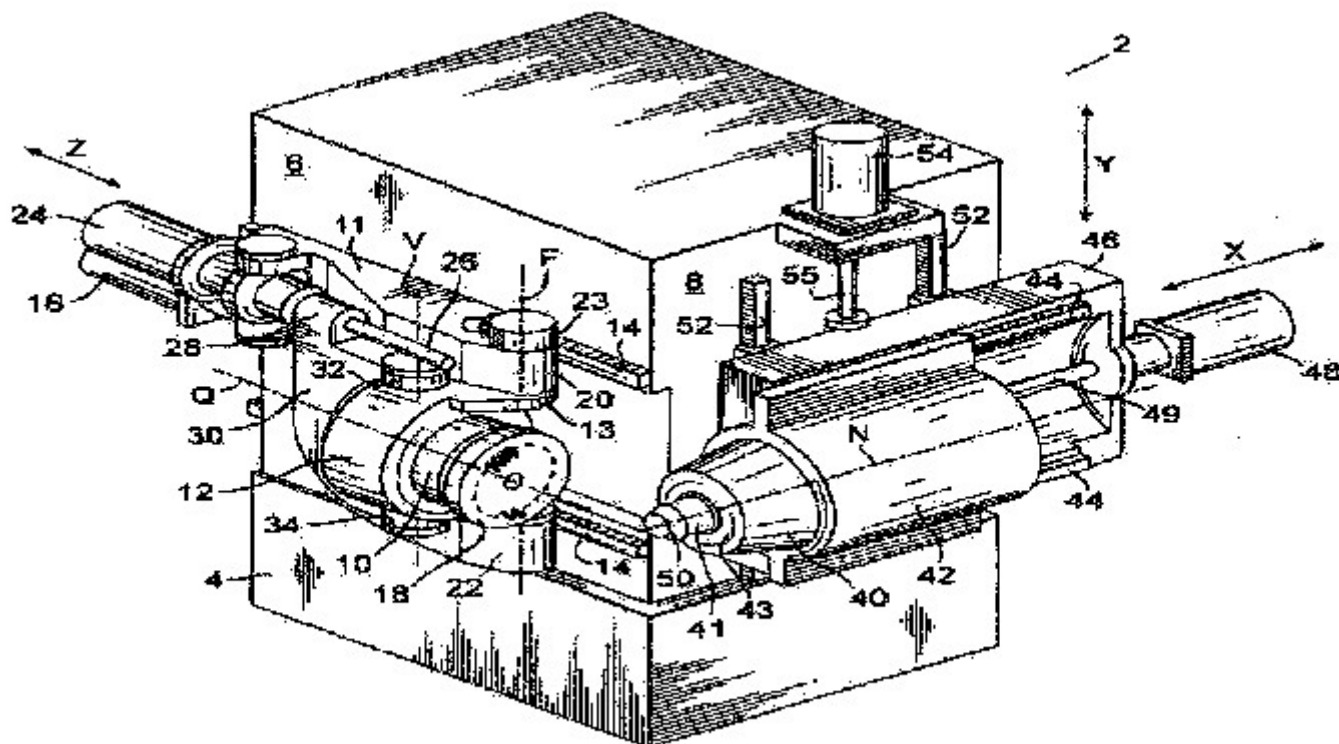
(71)Name of Applicant :
1)THE GLEASON WORKS
 Address of Applicant :1000 UNIVERSITY AVENUE, P O BOX
 22970, ROCHESTER, NY 14692-2970, USA. U.S.A.
 (72)Name of Inventor :
1)CRAIG R. RONALD
2)HERMANN J. STADTFELD
3)KLAUS PEIFFER

No of Pages : 27

No of Claims : 14

(57) Abstract :

A machine (2) for manufacturing bevel and hypoid gears comprising a machine column (4) including a first side (6) and a second side (8). A first spindle (10) is movably secured to the first side (6) with the first spindle being rotatable about a first axis (Q). A second spindle (40) is movably secured to the second side (8) with the second spindle being rotatable about a second axis (N). The first and second spindles (10, 40) are movable linearly with respect to one another in up to three linear directions (X, Y, Z) with at least one of the first and second spindles being angularly movable with respect to its respective side. The angular movement of at least one of the first and second spindles being about a respective pivot axis (F) extending generally parallel with its respective side.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1100/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :15/07/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "SYSTEM AND METHOD USING MEDICAL INFORMATION-CONTAINING ELECTRONIC DEVICES"

(51) International classification	:G06F 17/60
(31) Priority Document No	:60/262,370
(32) Priority Date	:19/01/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/01278
Filing Date	:18/01/2002
(87) International Publication No	:WO 02/069222
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HOOGLANDER, PETER

Address of Applicant :P.O. BOX 454, NESCONSET, NY 11767 USA
U.S.A.

(72)Name of Inventor :

1)HOOGLANDER, PETER

No of Pages : 1

No of Claims : 0

(57) Abstract :

NA

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1107/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :15/07/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "POLYMERIC FIBRES"

(51) International classification	:D01F 6/92	(71)Name of Applicant :
(31) Priority Document No	:0102658.2	1)LUCITE INTERNATIONAL UK LIMITED
(32) Priority Date	:02/02/2001	Address of Applicant :1ST FLOOR, QUEENS GATE, 15,16 QUEENS
(33) Name of priority country	:U.K.	TERRACE, SOUTHAMPTON, HAMPSHIRE SO14 3BP, UK U.K.
(86) International Application No	:PCT/GB02/00455	(72)Name of Inventor :
Filing Date	:01/02/2002	1)MARSTON, NICHOLAS, J.
(87) International Publication No	:WO 02/063079	2)DAVIES, MARK
(61) Patent of Addition to Application Number	:NA	3)OLIVER, JOHN, R.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 31

(57) Abstract :

A composition comprising a polyester and an acrylic polymer, wherein the acrylic polymer has a thermal degradation temperature of less than or equal to 295 0C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :16/07/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "SANITIZING FOOD PRODUCTS"

(51) International classification	:A23B 4/16
(31) Priority Document No	:09/761,707
(32) Priority Date	:18/01/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/00615
Filing Date	:11/01/2002
(87) International Publication No	:WO 02/056711
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRAXAIR TECHNOLOGY, INC.
Address of Applicant :39 OLD RIDGEBURY ROAD, DANBURY
CONNECTICUT 06810-5113, USA U.S.A.

(72)**Name of Inventor :**
1)TERRY JAY TRAEDER
2)RICHARD MINZENBERGER
3)LIANGJI XU
4)RICHARD GABER

No of Pages : 20

No of Claims : 9

(57) Abstract :
NA

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1,3,5-TRIAMINO-2,4,6-TRINITROBENZENE

(51) International classification	:C07C 209/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL
(32) Priority Date	:NA	Address of Applicant :DEFENCE RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	ORGANISATION, MINISTRY OF DEFENCE, GOVT. OF INDIA, B-
(86) International Application No	:NA	341, SENA BHAWAN, DHQ P.O. NEW DELHI-110011. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SIBES CHANDRA BHATTACHARAYYA
(61) Patent of Addition to Application Number	:NA	2)AMIYA KUMAR NANDI
Filing Date	:NA	3)SRINIVAS TOLETI
(62) Divisional to Application Number	:NA	4)PARAMASIVAN PERUMAL
Filing Date	:NA	

No of Pages : 10

No of Claims : 6

(57) Abstract :

This invention relates to a process for the preparation of 1,3,5-triamino-2,4,6-trinitrobenzene (TATB) comprising the steps of: loading 1,3,5-triamino-2,4,6-trinitrobenzene (TCTNB), taken 6-8% by weight of the total reactant mixture (purity 85-90%), in a self-sealed, thoroughly cleaned and dried reactor; Adding toluene, taken 40-80% by weight of the total mixture, to said reactor and dissolving the said 1,3,5-trichloro-2,4,6-trinitrobenzene (TCTNB) in the said toluene uniformly of stirring; Mixing animating agent urea, taken 6-8% by weight of the total reactant mixture in said steel reactor containing said 1,3,5-trichloro-2,4,6-trinitrobenzene (TCTNB) dissolved uniformly in the said toluene, adding water, taken 2-45% by weight of the total reactant mixture, and optionally adding surfactant sodiumdodecylsulphate and an antioxidant butylatedhydroxytoluene, both taken about 0-0.5% by weight, to the said reactor; animating the said 1,3,5-trichloro-2,4,6-trinitrobenzene (TCTNB) by heating the said reactor containing the entire mixture obtained by step (i), (ii) and (iii) between 150-160°C time and allowing the reaction to take palce under mechanical stirring maintained between 80-100; cooling said reactor by circulating chilled water it after completion of the said reaction; releasing of the pressure built inside the said through the vent valve, decanting the said toluene after opening the said reactor, adding equal volume of distilled water and sealing the said reactor once again for heating purpose; Digesting the entire mix obtained from step (vi) for about 1-2 hours at about 90-100°C by heating the said reactor to 90-100°C within 15-20 minutes; Filtrating the hot slurry by opening the said reactor after completion of the said digesting of the said mix and drying the TATB cakes, thus obtained, in a oven at 90-100°C for 2-3 hours to remove moisture after cleaning it with acetone.

(54) Title of the invention : "FLOW FIELD PLATE GEOMETRIES"

(51) International classification :H01M 8/02
 (31) Priority Document No :0103390.1
 (32) Priority Date :12/02/2001
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB02/00491
 Filing Date :05/02/2002
 (87) International Publication No :WO 02/065566
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

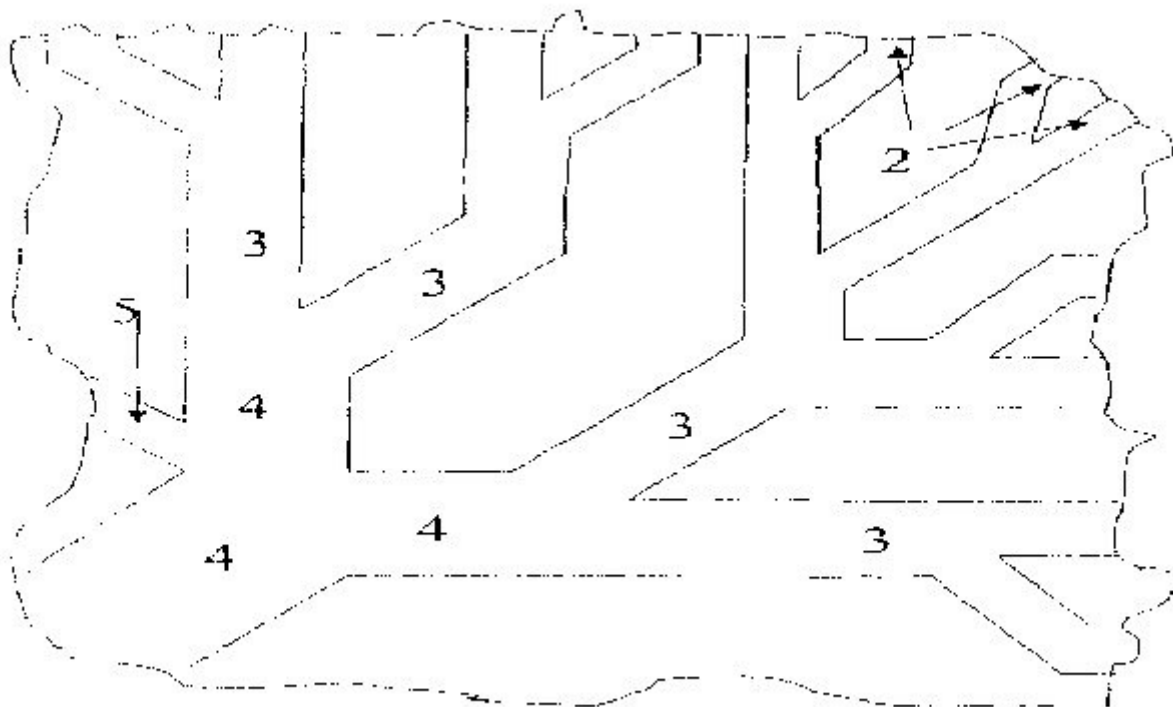
(71)Name of Applicant :
1)THE MORGAN CRUCIBLE COMPANY PLC.
 Address of Applicant :MORGAN HOUSE, MADEIRA WALK,
 WINDSOR, BERKSHIRE SL4 1EP, ENGLAND. U.K.
 (72)Name of Inventor :
1)JAMES CHARLES BOFF
2)MARK CHRISTOPHER TURPIN

No of Pages : 12

No of Claims : 11

(57) Abstract :

A flow field plate for a fuel cell or electrolyser comprises on at least one face an assembly of channels comprising one or more gas delivery channels, and a plurality of gas diffusion channels of width less than 0.2mm connecting thereto.



(54) Title of the invention : "METHOD OF MANUFACTURING OPTICAL DEVICES AND RELATED IMPROVEMENTS"

(51) International classification :H01S 5/026
 (31) Priority Document No :0102536.0
 (32) Priority Date :01/02/2001
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB02/00445
 Filing Date :01/02/2002
 (87) International Publication No :WO 02/061814
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW

Address of Applicant :GILBERT SCOTT BUILDING, UNIVERSITY AVENUE, GLASGOW G12 8QQ, UK U.K.

(72)Name of Inventor :

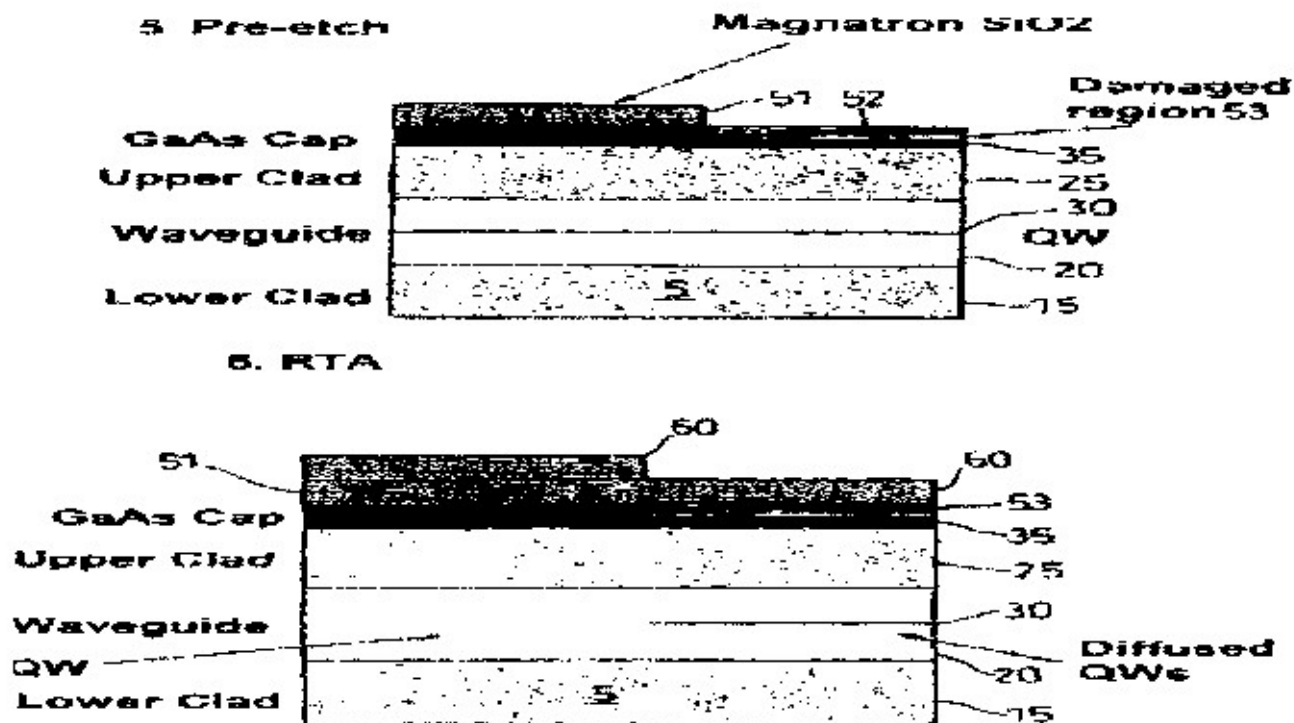
1)JOHN HAIG MARSH**2)STEWART DUNCAN MCDUGALL****3)CRAIG JAMES HAMILTON****4)OLEK PETER KOWALSKI**

No of Pages : 25

No of Claims : 38

(57) Abstract :

There is disclosed an improved method of manufacturing of an optical device (40), particularly semiconductor optoelectronic devices such as laser diodes, optical modulators, optical amplifiers, optical switches, and optical detectors. The invention provides a method of manufacturing optical device (40), a device body portion (15) from which the device (40) is to be made including a Quantum well (QW) structure (30), the method including the step of: processing the device body portion (15) so as to create extended defects at least in a portion (53) of the device portion (5). Each extended defect is a structural defect comprising a plurality of adjacent "point" defects.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1193/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :29/07/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "METHOD OF TOOTH WHITENING WITH SYNTHETIC RESIN IN WHITE LIQUID NAIL-POLISH TYPE."

(51) International classification	:A61K 6/00	(71) Name of Applicant :
(31) Priority Document No	:20010100059	1)KOSTOMIRI DESPINA
(32) Priority Date	:07/02/2001	Address of Applicant :33 KOLOKOTRONI STREET, GR-151 21
(33) Name of priority country	:Greece	PEFKI ATTIKIS, GREECE. Greece
(86) International Application No	:PCT/GR02/00006	(72) Name of Inventor :
Filing Date	:06/02/2002	1)KOSTOMIRI DESPINA
(87) International Publication No	:WO 02/062303	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 2

No of Claims : 4

(57) Abstract :

The method of tooth whitening using white, liquid, nail-polish-type synthetic resins, is characterized by the following: We apply-point, in any manner, like nail polish- the external tooth surface, with a white, liquid resin in many shades that is not currently commercially available. The tooth surface can be already elaborated with known methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1208/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :31/07/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "ATTRITION RESISTANT INORGANIC MICROSPHEROIDAL PARTICLES"

(51) International classification	:B01J 35/00
(31) Priority Document No	:60/272,146
(32) Priority Date	:28/02/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/01892
Filing Date	:25/01/2002
(87) International Publication No	:WO 02/070132
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE STANDARD OIL COMPANY
Address of Applicant :200 EAST RANDOLPH DRIVE, CHICAGO, IL
60601 (US) U.S.A.
(72)**Name of Inventor :**
1)SALEM, GEORGE, F.
2)ZAGATA, ROBERT, J.

No of Pages : 19

No of Claims : 20

(57) Abstract :

Microspheroidal particles, suitable as fluidized bed catalyst supports, are prepared by incorporating a portion of small, preferably recycled particles into a slurry of inorganic oxide sol and inorganic particles which is spray dried to form microspheroidal particles.

(54) Title of the invention : "PROTECTIVE DEVICE FOR AN INJECTION NEEDLE"

(51) International classification :A61M 25/06
 (31) Priority Document No :201 03 363
 (32) Priority Date :26/02/2001
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP98/05231
 Filing Date :18/08/1998
 (87) International Publication No :WO 99/08742
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)B. BRAUN MELSUNGEN AG.Address of Applicant :CARL-BRAUN-STR. 1, 34212 MELSUNGEN,
GERMANY Germany

(72)Name of Inventor :

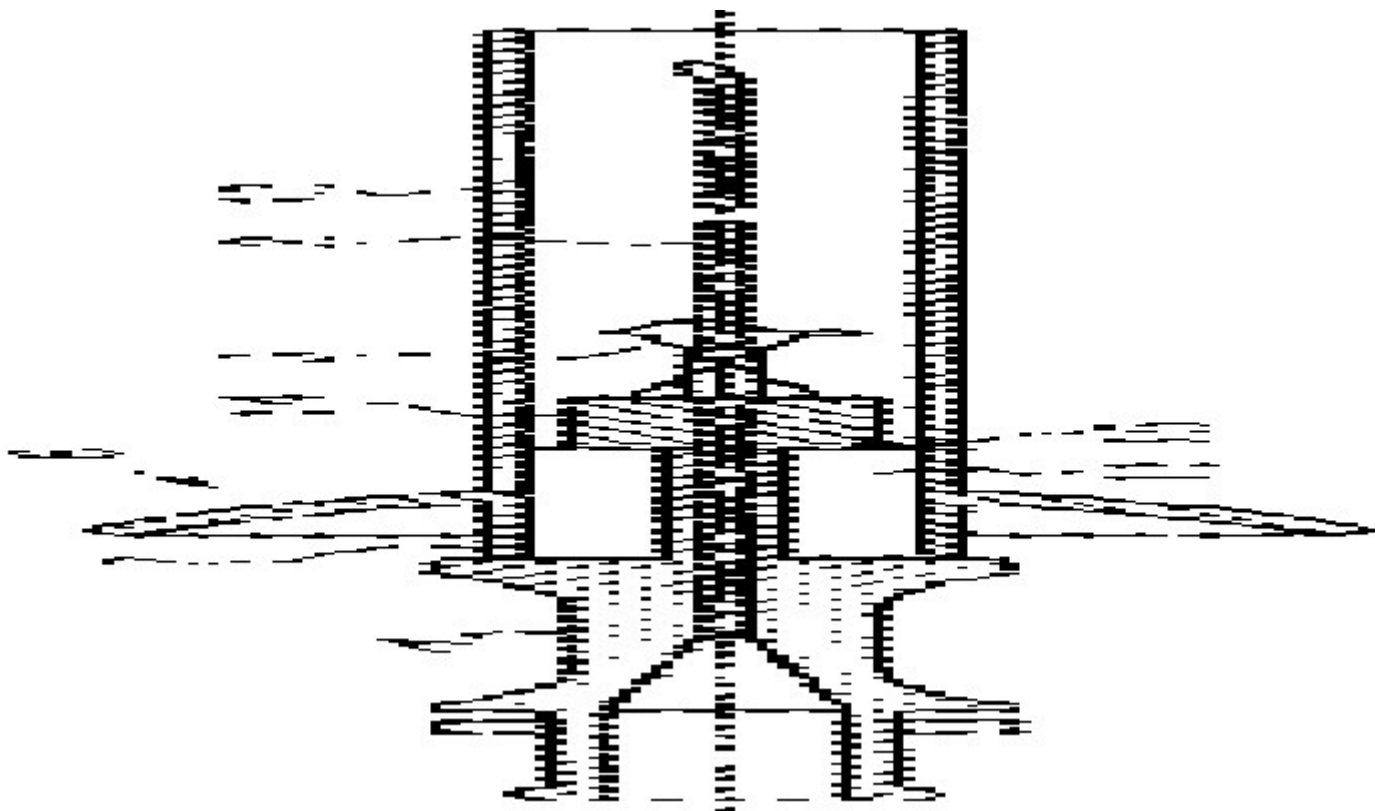
1)KEVIN WOEHR**2)JERGEN FUCHS**

No of Pages : 54

No of Claims : 53

(57) Abstract :

The invention relates to a protective device for an injection needle or infusion needle (2) , comprising a needle holder (1) at the proximal end of the needle, on whose shaft a protective element (3) for the needle tip can be moved, said protective element (3) being prevented, by an engagement device (4, 18) between needle (2) and protective element (3), from being moved past the needle tip, and a grip part (6) being provided between protective element (3) and needle holder (1) for the purpose of moving or securing the protective element (3).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1292/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :14/08/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "A WATER LEVEL INDICATING DEVICE FOR A DISHWASHER"

(51) International classification	:A47L 15/42	(71)Name of Applicant :
(31) Priority Document No	:PI 0100716.5	1)MULTIBRAS S. A. ELECTRODOMESTICOS
(32) Priority Date	:15/02/2001	Address of Applicant :AVENIDA DAS NACOES UNIDAS, 12995,
(33) Name of priority country	:Brazil	32° ANDAR, 04578-000-SAO PAULO-SP, BRAZIL. Brazil
(86) International Application No	:PCT/BR02/00022	(72)Name of Inventor :
Filing Date	:07/02/2002	1)JORGE LUIZ BENINE PENTEADO
(87) International Publication No	:WO 02/064010	2)ANTONIO CARLOS MARTINS
(61) Patent of Addition to Application Number	:NA	3)ANTONIO DE OLIVEIRA
Filing Date	:NA	4)CLEBER BOMBEM
(62) Divisional to to Application Number	:NA	5)GILBERTO MORETO
Filing Date	:NA	6)JAIME MOREIRA
		7)JOSE CARLOS STABELLINI
		8)MICAEL ZIRONDI
		9)REINALDO DEGEA

No of Pages : 11

No of Claims : 13

(57) Abstract :

A water level indicating device for a dishwahr provided with a cabinet, inside which is placed a washer tub (1), and presenting a control unit, which determines the operational conditions of providing or interrupting the water supply to the inside of the washer tub (1), said device comprising: a first chamber (10) in fluid communication with the washer tub (1); a second chamber (20) having a lower portion (21) maintained in fluid communication with a lower portion (11). of the first chamber (10); and a level sensor (2) , which is operatively associated with both the second chamber (20) and the control unit, in order to inform the latter about a water level detected inside said second chamber (20) and corresponding to a desired filling level of the washer tub (1) .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1484/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :16/09/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "STRIP FOR WHITENING TOOTH SURFACES."

(51) International classification	:A61K 7/16
(31) Priority Document No	:09/804,530
(32) Priority Date	:12/03/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/07105
Filing Date	:11/03/2002
(87) International Publication No	:WO 2002/072050
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COLGATE-PALMOLIVE COMPANY,
Address of Applicant :300 PARK AVENUE NEW YORK, NY 10022,
USA U.S.A.
(72)**Name of Inventor :**
1)XU GUOFENG,
2)VISCIO DAVID B.

No of Pages : 11

No of Claims : 11

(57) Abstract :
NA

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1542/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :25/09/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "MEANS FOR FORMING AND LIFTING PARCELS OF GOODS"

(51) International classification	:B66C 1/18
(31) Priority Document No	:2001 1445
(32) Priority Date	:21/03/2001
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO02/00047
Filing Date	:04/02/2002
(87) International Publication No	:WO 02/074679
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NORSK HYDRO ASA.
Address of Applicant :N-0240 OSLO, NORWAY. Norway

(72)**Name of Inventor :**
1)TOR KOKKERSVOLD
2)FREDDY THORBJORSEN
3)GEIR VIKTOR GUNDERSEN

No of Pages : 10

No of Claims : 12

(57) Abstract :

Means for forming and lifting parcels comprising at least two stacks or units of goods comprising a lifting sling or a load carrying band (101) that is arranged to surround the stacks in a manner where it follows the outer periphery of the stacks thus forming a parcel (P1) A loop of the band is arranged to protrude upwards in an intermediate space between the slacks to form a lifting eye (115) above said slacks. The band has one or more reinforcements (103, 104) symmetrically arranged with respect to the central longitudinal axis of the band, which implies that cross section dimensions can be reduced elsewhere in the band. Improved stability and reduced material consume may be achieved in accordance with the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1549/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :26/09/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "TREATMENT USING NEUBLASTIN POLYPEPTIDES"

(51) International classification	:A61K 38/00
(31) Priority Document No	:60/287,554
(32) Priority Date	:28/03/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/06388
Filing Date	:28/02/2002
(87) International Publication No	:WO 02/078730
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOGEN, INC.

Address of Applicant :14 CAMBRIDGE CENTER, CAMBRIDGE,
MASSACHUSETTS 02142, USA. U.S.A.

(72)Name of Inventor :

1)DINAH W. Y SAH

No of Pages : 42

No of Claims : 56

(57) Abstract :

The invention relates to treatments of neuropathic pain, including tactile allodynia, and to formulations for reducing loss of pain sensitivity associated with neuropathy. The present treatments involve the use of neublastin (NBN) polypeptides.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1792/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :30/10/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "MULTI-BAND CELLULAR SERVICE OVER CATV NETWORK"

(51) International classification	:H04B 7/00	(71)Name of Applicant :
(31) Priority Document No	:US 60/287, 705	1)PASOVER, INC.
(32) Priority Date	:02/05/2001	Address of Applicant :1209 ORANGE STREET, CORPORATION
(33) Name of priority country	:U.S.A.	TRUST CENTER, WILMINGTON, DE 19801-1196, USA. U.S.A.
(86) International Application No	:PCT/US02/11867	(72)Name of Inventor :
Filing Date	:01/05/2002	1)SHKLARSKY, DAN
(87) International Publication No	:WO 02/091618	2)GOLOMBEK, HAREL
(61) Patent of Addition to Application Number	:NA	3)ZUSSMAN, MORDECHAI
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 29

(57) Abstract :

A CATV network is modified with a secondary transmission (CBP) by adding filters to separate modified mobile-communications frequencies. A CATV terminal can be routed to cellular network by way network coupling devices (NCD).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1828/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :15/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : HIGH SPEED CIRCUITIZED SUBSTRATE WITH REDUCED THRU-HOLE STUB,METHOD FOR FABRICATION AND INFORMATION HANDLING SYSTEM UTILIZING SAME

(51) International classification	:HO5K7/06	(71)Name of Applicant :
(31) Priority Document No	:10955,741	1)ENDICOTT INTERCONNECT TECHNOLOGIES, INC
(32) Priority Date	:30/09/2004	Address of Applicant :1701 NORTH STREET ENDICOTT, NEW
(33) Name of priority country	:U.S.A.	YORK 13760, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BENSON (NMN) CHAN
(87) International Publication No	: NA	2)JOHN M. LAUFFER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 40

No of Claims : 16

(57) Abstract :

A circuitized substrate including a plurality of conductive and dielectric layers and also a plurality of conductive thru-holes therein for passing high speed signals, e.g., from one component to another mounted on the substrate. The substrate utilizes a signal routing patten which uses the maximum length of each of the thru-holes wherever possible to thereby substantially eliminate signal loss (noise) due to thru-hole "stub" resonance. A multilayered circuitized substrate assembly using more than one circuitized substrate, an electrical assembly using a circuitized substrate and one or more electrical components, a method of making the circuitized substrate and an information handling system incorporating one or more circuitized substrate assemblies and attached components are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1936/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :06/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "RECORDING MEDIUM WITH COPY PROTECTION INFORMATION IN INTERMITTENT OR ALTERNATE WOBBLED PITS AND APPARATUS AND METHOD FOR FORMING , RECORDING, AND REPRODUCING THE RECORDING MEDIUM"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:G11B 7/007 :10-2003-0004487 :23/01/2003 :Republic of Korea :PCT/KR2004/000111 :20/01/2004 :WO 2004/066286 :NA :NA :NA :NA	(71) Name of Applicant : 1)LG. ELECTRONICS INC. Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL 150-010 REPUBLIC OF KOREA Republic of Korea (72) Name of Inventor : 1)SUH, SANG WOON 2)KIM, JIN YONG

No of Pages : 25

No of Claims : 59

(57) Abstract :
NA

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "DARK GREEN SODA-LIME GLASS"

(51) International classification	:C03C 4/08	(71) Name of Applicant :
(31) Priority Document No	:90084	1)GLAVERBEL
(32) Priority Date	:25/06/1997	Address of Applicant :CHAUSSEE DE LA HULPE, 166, B-1170
(33) Name of priority country	:Luxembourg	BRUSSELS (WATERMAEL-BOITSFORT)-BELGIUM. Belgium
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FOGUENNE MARC
(87) International Publication No	:NA	2)DUPONT CAMILLE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:1746/DEL/1998	
Filed on	:23/06/1998	

No of Pages : 18

No of Claims : 18

(57) Abstract :

The present invention relates to a soda-lime glass coloured dark green with a grey hue, composed of glass forming main constituents and colouring agents. The expression "soda-lime glass" is used here in the wide sense and relates to any glass which contains the following constituents

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1962/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "ARYL FUSED AZAPOLYCYCLIC COMPUNDS"

(51) International classification	:A61P 3/00
(31) Priority Document No	:60/070,245
(32) Priority Date	:31/12/1997
(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	:3859/DEL/98
Filed on	:30/12/1998

(71)**Name of Applicant :**
1)PFIZER PRODUCTS INC.,
Address of Applicant :EASTERN POINT ROAD, GROTON,
CONNECTICUT 06340, USA U.S.A.

(72)**Name of Inventor :**
1)JOTHAM WADSWORTH COE,
2)PAIGE ROANNE PALMER BROOKS

No of Pages : 77

No of Claims : 12

(57) Abstract :

This invention relates to aryl fused azapolycyclic compounds, as defined more specifically by formula I below. Compounds of formula I bind to neuronal nicotinic acetylcholine specific receptor sites and are useful in modulating cholinergic function. Such compounds are ' useful in the treatment of inflammatory bowel disease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1964/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/07/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : CAST BRAKE DISC

(51) International classification	:F16D65/12	(71) Name of Applicant :
(31) Priority Document No	:0202620.1	1)MERITOR HEAVY VEHICLE BRAKING SYSTEMS (UK)
(32) Priority Date	:05/02/2002	LIMITED
(33) Name of priority country	:U.K.	Address of Applicant :GRANGE ROAD, CWMBRAN, GWENT NP44
(86) International Application No	:NA	3XU, ENGLAND U.K.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)PETER KERSLAKE GIBBENS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 13

(57) Abstract :

A cast brake disc comprising a mounting flange connected to an annular disc by a rotor bell, the rotor bell having an axially cast recess, the annular disc including cast ventilation vanes defining ventilation holes, in which the rotor bell includes one or more radially orientated cast holes suitable, during manufacture, for connecting a casting core portion providing the axially cast recess to a casting core portion providing the ventilation holes in which the annular disc includes a first braking face, defining a first braking face plane, proximate the mounting flange and a second braking face remote from the mounting flange in which an edge of the radially orientated cast hole is substantially in line with the first braking face plane with the centre of the radially orientated cast hole being positioned on the mounting flange side of said edge.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2267/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/05/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "LIQUID-CONTINUOUS COLUMN DISTILLATION"

(51) International classification	:B01L	(71)Name of Applicant :
(31) Priority Document No	:10/357,123	1)CATALYTIC DISTILLATION TECHNOLOGIES
(32) Priority Date	:03/02/2003	Address of Applicant :10100 BAY AREA BOULEVARD,
(33) Name of priority country	:U.S.A.	PASADENA, TEXAS 77507, USA. U.S.A.
(86) International Application No	:PCT/US	(72)Name of Inventor :
Filing Date	2004/000609	1)LAWRENCE A. SMITH, JR.
	:08/01/2004	2)MITCHELL E. LOESCHER
	:WO	
(87) International Publication No	2004/069410	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 26

(57) Abstract :

Bubble columns fractionate with vapor-liquid mass transfer efficiencies approaching that of distillation towers when vapor velocities in excess of 50% of jet flood are used. If the vapor velocities are pushed above about 70% of jet flood then the distillation performance of a given column packing becomes similar for both liquid continuous operation (bubble column mode) and vapor continuous operation (ordinary distillation tower mode).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2285/DELNP/2003 A

(19) INDIA

(22) Date of filing of Application :29/12/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "THERMOPLASTIC POLYMER, USE THEREOF IN POLYAMIDE COMPOSITIONS WITH IMPROVED HYDROPHILY AND ANTI-STATICITY"

(51) International classification	:C08L 71/02
(31) Priority Document No	:01/08,522
(32) Priority Date	:28/06/2001
(33) Name of priority country	:France
(86) International Application No	:PCT/FR02/02228
Filing Date	:27/06/2002
(87) International Publication No	:WO 03/002668
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RHODIANYL

Address of Applicant :26, QUAI ALPHONSE LE GALLO, F-92512 BOULOGNE-BILLANCOURT CEDEX, FRANCE. France

(72)Name of Inventor :

1)JEAN-PAUL LA-GRANCE

2)CHRISTOPHE PAULO

3)JEAN-FRANCOIS SASSI

4)FRANCK TOURAUD

5)CHRISTINE VIDIL

No of Pages : 50

No of Claims : 32

(57) Abstract :

Disclosed is a novel thermoplastic polymer comprising at least one alkylene polyoxide block. The invention relates to a method for the production of said thermoplastic polymer and to the use thereof as a modifier of hydrophilily and anti-stadcirly in polyamide compositions. Said compositions are particularly suitable for use in the production of threads, fibers and filaments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :23/02/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : A FILTERING DEVICE FOR THE REMOVAL OF ARSENIC FROM WATER

(51) International classification	:C02F 1/70	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEFENCE RESEARCH & ORGANISATION MINISTRY OF DEFENCE
(32) Priority Date	:NA	Address of Applicant :DTE OF ER & IPR/IPR GROUP WEST BLOCK
(33) Name of priority country	:NA	8, WING 1,R K PURAM NEW DELHI-110011 Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAMIL CHANDRA DEB
(87) International Publication No	:NA	2)KSHIPRA MISRA
(61) Patent of Addition to Application Number	:NA	3)MOHAMMADI TAHERBHAI COMPANYWALA
Filing Date	:NA	4)ALIPS SRIVASTAVA
(62) Divisional to to Application Number	:NA	5)SANSKRITI SHARMA
Filing Date	:NA	

No of Pages : 11

No of Claims : 6

(57) Abstract :

A filtering device for the removal of arsenic from the ground water/surface water. The filtering device of the present invention uses steel wool and sand as the raw material for the removal of arsenic from water and the entire outer body of the device can be made form cheaper material like plastic material or stainless steel. The filtering device of the present invention works on the simple principle of co-precipitation of arsenic with metals, followed by adsorption and filtration through treated sand. The metal, the steel wool, used in the device is a processed waste generated from steel plant thereby making the device extremely cheaper and versatile. In the filtering device of the present invention, iron arsenate andiron arsenite are co-precipitated by the reaction of steel wool with arsenic in water. The device uses treated river sand simultaneously for the removal of iron leached out during reaction.

(54) Title of the invention : "PYRIDINE DERIVATIVES AS FUNGICIDAL COMPOUNDS"

(51) International classification :C07D 405/12
 (31) Priority Document No :03356029.3
 (32) Priority Date :19/02/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/002381
 Filing Date :12/02/2004
 (87) International Publication No :WO 2004/074280
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE SA

Address of Applicant :16, RUE JEAN-MARIE LECLAIR, F-69009 LYON, FRANCE. France

(72)Name of Inventor :

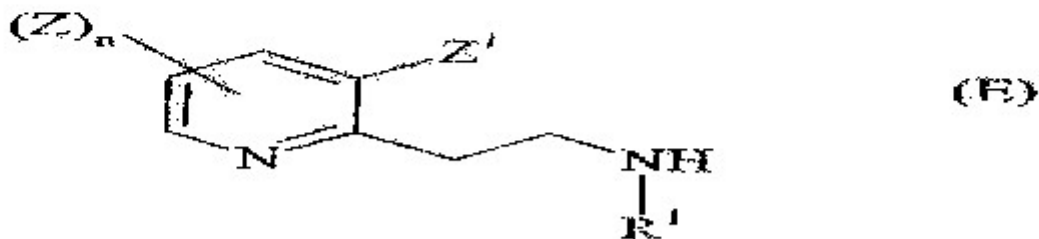
1)DARREN JAMES MANSFIELD**2)HEIKO RIECK****3)JORG GREUL****4)PIERRE-YVES COQUERON****5)PHILIPPE DESBORDES****6)PIERRE GENIX****7)MARIE-CLAIRE GROSJEAN-COURNOYER****8)JOSEPH PEREZ****9)ALAIN VILLIER**

No of Pages : 67

No of Claims : 50

(57) Abstract :

Compound of general formula (I): Process for preparing this compound. Novel intermediate of general formula (E): for the preparation of compound of general formula (I) Fungicidal composition comprising a compound of general formula (I). Method for treating plants by applying a compound of general formula (I) or a composition comprising it.



(54) Title of the invention : USE OF HERBAL AGENTS FOR POTENTIATION OF BIOEFFICACY OF ANTI-INFECTIVES

(51) International classification :A61K 35/78 (31) Priority Document No :10/404014 (32) Priority Date :31/03/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IN03/00110 Filing Date :31/03/2003 (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant :RAFI MARG,NEW DELHI-110 001,INDIA. Delhi India (72) Name of Inventor : 1)GHULAM NABI QAZI 2)OM PARKASH SURI 3)KASTURI LAL BEDI 4)INSHAD ALI KHAN 5)VIJESHWAR VERMA 6)RAKESH KAMAL JOHRI 7)KRISHAN AVTAR SURI 8)BISHAN DUTT GUPTA 9)NARESH KUMAR SATTI 10)MANOJ KUMAR TIKOO 11)SUBHASH CHANDER SHARMA 12)ASHOK KUMAR TIKOO

No of Pages : 22

No of Claims : 25

(57) Abstract :

The present invention relates to the use of bioenhancers to decrease the resistance of microbial strains to anti-infective such as antibiotics and antifungals by potentiating the activities of anti-infective. This may be useful to reduce resistance in bacteria and yeast to aid in the treatment of certain infections and disease and to lower the concentration of anti-infectives necessary to inhibit the growth of microbial strains.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3003/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :05/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "HYDROTREATING CATALYST, PROCESS FOR ITS PREPARATION AND ITS USE IN A PROCESS FOR THE PURIFICATION OF HYDROCARBONS"

(51) International classification	:C10G 45/08
(31) Priority Document No	:03/00439
(32) Priority Date	:16/01/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/000071
Filing Date	:15/01/2004
(87) International Publication No	:WO 2004/067683
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOTALFINAELE FRANCE

Address of Applicant :TOUR TOTAL, 24, COURS MICHELET, 92800
PUTEAUX, FRANCE. France

(72)Name of Inventor :

1)THIERRY CHOLEY

2)JEAN-PIERRE DATH

No of Pages : 19

No of Claims : 21

(57) Abstract :

The invention relates to a modified hydrorefining catalyst, comprising a refractory oxide support, at least one metal of the group VIII and at least one metal of the group VI, both in an oxidised form, characterised in comprising at least one sulphonc or sulphoxide compound derived from a benzothiophene compound. The invention further relates to a method for production of the above and to a method for the purification of hydrocarbons.

(54) Title of the invention : "CONDENSATE TRAP"

(51) International classification	:F16T 1/34	(71)Name of Applicant :
(31) Priority Document No	:0300716.8	1)SPIRAX-SARCO LIMITED
(32) Priority Date	:13/01/2003	Address of Applicant :130/132 ST. GEORGES ROAD,
(33) Name of priority country	:U.K.	CHELTENHAM, GLOUCESTERSHIRE GL50 3EN, GREAT BRITAIN
(86) International Application No	:PCT/GB2004/000094	U.K.
Filing Date	:12/01/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2004/063620	1)CARMICHAEL, RICHARD QUENTIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 20

(57) Abstract :

A steam trap(1) is provided comprising a chamber (8) having a substantially cylindrical sidewall, an inlet 20 provided towards the upper end of the sidewall, and an escape aperture (16) provided at its base. The inlet (20) introduces the fluid into the chamber (8) in a manner to promote a rotational flow of the fluid in the chamber (8), so as to create a low pressure location upstream of the escape aperture (16) to restrict the discharge rate of the aperture (16).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3028/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :06/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "HYDROGENATION CATALYSTS"

(51) International classification	:B01J 29/70
(31) Priority Document No	:03000497.2
(32) Priority Date	:13/01/2003
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2004/000107
Filing Date	:09/01/2004
(87) International Publication No	:WO 2004/062797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UCB, S.A.

Address of Applicant :ALLEE DE LA RECHERCHE 60, B-1070
BRUXELLES, BELGIUM. Belgium

(72)Name of Inventor :

1)PIERRE JACOBS

2)FRANCOIS COLLIGNON

3)EMMANUEL VAN VAERENBERGH

4)JOHN SURTEES

5)ANNE-CATHERINE BURTEAU

No of Pages : 15

No of Claims : 12

(57) Abstract :

A catalyst comprising a chiral transition metal-(1,2-bis(2,5-dialkylphospholano) complex immobilised on a specific zeolitic support useful for the hydrogenation of prochiral substrates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.311/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :17/03/2003

(43) Publication Date : 01/06/2007

(54) Title of the invention : "A PROCESS FOR THE PREPARATION OF READY-TO-EAT DRY FISH PRODUCT"

(51) International classification	:A23L 001/00	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant :RAFI MARG, NEW DELHI-110001, INDIA. Delhi 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)NAKKARIKE MANJABHATTA SCHINDRA
Filing Date	:NA	2)VINOD KUMAR MODI
(87) International Publication No	:NA	3)PATHIRAM ZITUZI SAKHARE
(61) Patent of Addition to Application Number	:NA	4)SUBRAMANIAM
Filing Date	:NA	5)RAJAPPA
(62) Divisional to to Application Number	:NA	6)SIDDAIAH MADHAVA
Filing Date	:NA	7)DITTAKAVI NARASIMHA RAO

No of Pages : 14

No of Claims : 8

(57) Abstract :

A process for preparation of ready-to-eat dry fish product involving washing of dry fish, coating with a specified quantity of coating mix, refined vegetable oil, vinegar, processing under specified conditions to obtain a ready-to-eat, crispier dry fish product, which is sensorily well acceptable, microbiologically safe and shelf stable at ambient temperature .

(54) Title of the invention : "ETHYLENE POLYMER AND ITS APPLICATION TO MOLDED PRODUCT"

(51) International classification	:C08F 210/02
(31) Priority Document No	:2003-038079
(32) Priority Date	:17/02/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/001689
Filing Date	:17/02/2004
(87) International Publication No	:WO 2004/083265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUI CHEMICALS, INC

Address of Applicant :5-2, HIGASHI-SHIMBASHI, 1-CHOME,MINATO-KU,TOKYO 105-7117, JAPAN, Japan

(72)Name of Inventor :

1)MAMORU TAKAHASHI,**2)MASAHIKO OKAMOTO****3)TETSUJI KASAI****4)YASUSHI TOHI****5)SHIRO OTSUZUKI****6)SHINICHI NAGANO****7)YASUO FUNABARA****8)TAKAHIRO AKASHI**

No of Pages : 175

No of Claims : 13

(57) Abstract :

An ethylene polymer containing 0.01 to 1.20 mol% of a constitutional unit derived from α -olefin having 6 to 10 carbon atoms, wherein with respect to cross fractionation chromatography (CFC), either (1) the weight average molecular weight (Mw) of the components eluted at 73 to 76°C does not exceed 4,000, or (2) the ethylene polymer satisfies the following relationship (Eq-1), provides a molded product having excellent moldability and therefore excellent mechanical strength and appearance: wherein S_x is the sum of the total peak areas related to the components eluted at 70 to 85°C, and $Stotai$ is the sum of the total peak areas related to the components eluted at 0 to 145°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3259/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "RECORDING MEDIUM WITH A LINKING AREA INCLUDING A SYNCH PATTERN THEREON AND APPARATUS AND METHODS FOR FORMING, RECORDING, AND REPRODUCING THE RECORDING MEDIUM"

(51) International classification	:G11B 20/12	(71)Name of Applicant :
(31) Priority Document No	:10-2002-0031746	1)LG. ELECTRONICS INC.
(32) Priority Date	:05/06/2002	Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO GU,
(33) Name of priority country	:Republic of Korea	SEOUL 150-010, REPUBLIC OF KOREA Republic of Korea
(86) International Application No	:PCT/KR2003/01096	(72)Name of Inventor :
Filing Date	: 04/06/2003	1)SUH, SANG WOON
(87) International Publication No	:WO 2003/105152	2)KIM, JIN YONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:00249/DELNP/2004	
Filed on	:04/02/2004	

No of Pages : 40

No of Claims : 38

(57) Abstract :

The present invention relates to structure of a linking area formed between data sections on a high-density read-only recording medium in order to ensure reproduction compatible with a rewritable recording medium. The present structure of a linking area is composed of two linking frames including sync signals individually. This sync signal is different from other sync signal written in a data recording area and/or used for a high-density rewritable recording medium. Moreover, the linking area includes data scrambled with a physical address in its space.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3265/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PROCESS FOR THE PURIFICATION OF [HYDRO] HALOCARBONS"

(51) International classification	:C07C 17/389
(31) Priority Document No	:0303972.4
(32) Priority Date	:20/02/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/000659
Filing Date	:19/02/2004
(87) International Publication No	:WO 2004/074225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INEOS FLUOR HOLDINGS LIMITED,
Address of Applicant :PO BOX 13, THE HEATH, RUNCORN,
CHESHIRE WA7 4QF, GREAT BRITAIN U.K.
(72)**Name of Inventor :**
1)PAUL ANDREW HOOS,
2)STUART CORR,

No of Pages : 24

No of Claims : 27

(57) Abstract :

A process for treating a composition comprising one or more desired (hydro)halocarbons and one or more undesired sulphur containing impurities so as to reduce the concentration of at least one undesired sulphur containing impurity, the process comprising contacting the composition with an adsorbent comprising an acid stable molecular sieve having a pore size of from 2 to 10A and/or an activated carbon.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3266/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "THIN FILM LAMINATION-DELAMINATION PROCESS FOR FLUOROPOLYMERS"

(51) International classification	:B32B 27/08
(31) Priority Document No	:10/351,920
(32) Priority Date	:27/01/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/001872
Filing Date	:26/01/2004
(87) International Publication No	:WO 2004/069533
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245
MORRISTOWN, NEW JERSEY 07960 USA. U.S.A.

(72)**Name of Inventor :**
1)MICHAEL J. CHERPINSKY
2)YUAN PING ROBERT TING
3)JEFFREY D. MOULTON

No of Pages : 21

No of Claims : 41

(57) Abstract :

A process for forming thin film laminations of thin flour polymer films in receiver sheets, more particularly, the production of very thin transferable floorpolymer films. A thin four polymer base layer is applied onto a support layer, which may be a thicker film. The support layer/thin base layer is then laminated to a receiver sheet. followed by supping away the support

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3268/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "VIDEO BASED LANGUAGE LEARNING SYSTEM"

(51) International classification	:G09B 19/00
(31) Priority Document No	:10/356,166
(32) Priority Date	:30/01/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/006039
Filing Date	:28/02/2003
(87) International Publication No	:WO 2004/070679
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOVIELEARN SYSTEMS LTD., PTE
Address of Applicant :THE LIGHT @ CAIRNHILL ROAD,
SINGAPORE 229662, SINGAPORE. Singapore

(72)**Name of Inventor :**
1)MICHAEL J. G. GLIESSNER
2)MARK S. KNIGHTON
3)TODD C. MOYER
4)PETER J. DELAURENTIS

No of Pages : 38

No of Claims : 53

(57) Abstract :

Language learning system using pre-existing entertainment media such as feature films on DVD in connection with augmented language-learning content stored in a companion file. A player for viewing the augmented content and the entertainment media. An editor to create and manage companion source files and create associations with the entertainment media.

(54) Title of the invention : "TOOTHPASTE COMPOSITIONS WITH REDUCED ABRASIVITY"

(51) International classification	:A61C	(71)Name of Applicant :
(31) Priority Document No	:60/445,376	1)FMC CORPORATION
(32) Priority Date	:05/02/2003	Address of Applicant :1735 MARKET STREET, PHILADELPHIA,
(33) Name of priority country	:U.S.A.	PENNSYLVANIA 19103, USA. U.S.A.
(86) International Application No	:PCT/US2004/003242	(72)Name of Inventor :
Filing Date	:04/02/2004	1)GADKARI, VIJAY KAMALAKANT
(87) International Publication No	:WO 2004/071321	2)RANDIVE, VINAYAK BHALCHANDRA
(61) Patent of Addition to Application Number	:NA	3)VENKAT, MAHALINGAM RAMANAN
Filing Date	:NA	4)BETRABET, NAMITA ASHOK
(62) Divisional to to Application Number	:NA	5)KADAM, SITARAM ANANT
Filing Date	:NA	

No of Pages : 37

No of Claims : 23

(57) Abstract :

Toothpaste compositions are disclosed. The toothpaste composition comprises a binder; a surface active agent; an abrasive; a humectant; and water; in which: (1) the abrasive is silica, the composition additionally comprises a silica thickener. And the composition comprises 1 to 7 wt % of the silica thickener, less than 15 wt % of the silica abrasive, 45 to 70 wt % water, 0.8 to 3.0 wt % of a surface active agent; 0.05 to 3.0 wt % the binder; or (2) the abrasive is silica, the composition additionally comprises a silica thickener, the composition comprises 2 to 22 wt % total silica, 0.8 to 3.0 wt % of a surface active agent, 0.05 to 3.0 wt % the binder, and the composition additionally comprises about 0.1 to 8.0 wt % of non-colloidal microcrystalline cellulose, colloidal microcrystalline cellulose, or a mixture thereof; or (3) the binder is a calcium based abrasive, the binder is a cellulose gum, and the composition comprises 25 to 55 wt % of the calcium based abrasive, 35 to 60 wt % water, 0.8 to 3.0 wt % of the surface active agent, and 1.0 to 3.0 wt % of the binder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3283/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "BENZAMIDE DERIVATIVES AS OXYTOCIN AGONISTS AND VASOPRESSIN ANTAGONISTS"

(51) International classification :C07D 495/04
(31) Priority Document No :03003394.8
(32) Priority Date :14/02/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/001304
Filing Date :12/02/2004
(87) International Publication No :WO 2004/072083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FERRING B.V.

Address of Applicant :POLARISAVENUE 144, 2132 JX
HOOFFDORP, THE NETHERLANDS. Netherlands

(72)Name of Inventor :

1)HUDSON PETER

2)BATT ANDRZEJ ROMAN

3)HEENEY CELINE

4)BAXTER ANDREW JOHN

5)ROE MICHAEL BRYAN

6)ROBSON PETER ANDREW

No of Pages : 95

No of Claims : 63

(57) Abstract :

Novel compounds according to general formula I, wherein G1 is NRSR6 or a fused polycyclic group that are specific OT receptor agonists and/or V1a receptor antagonists. Pharmaceutical compositions comprising such compounds are useful in the treatment of, inter alia, primary dysmenorrhoea.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3285/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "DRIVE OF THE INKING UNIT AN INTAGLIO PRINTING MACHINE"

(51) International classification	:B41F 9/02
(31) Priority Document No	:03002144.8
(32) Priority Date	:03/02/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/000239
Filing Date	:21/01/2004
(87) International Publication No	:WO 2004/069538
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KBA-GIORI S.A.,

Address of Applicant :CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF SWITZERLAND OF 4,RUE DE LA
PAIX,CH-1003 LAUSANNE SWITZERLAND. Switzerland

(72)Name of Inventor :

1)SCHAEDE JOHANNES GEORG.

No of Pages : 11

No of Claims : 13

(57) Abstract :

The machine comprises at least a plate cylinder carrying printing plates with engravings corresponding to a specific intaglio structure to be printed, and cooperating with an impression cylinder, a collector cylinder (8) on which the ink in the different colours is deposited by selector cylinders (10), each selector cylinder (10) receiving ink of a given colour from a duct roller (11) and each selector cylinder (10) is driven by drive means (20,21,22) in an independent manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3286/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :25/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "WIND TURBINE GENERATOR WITH A LOW VOLTAGE RIDE THROUGH CONTROLLER AND A METHOD FOR CONTROLLING WIND TURBINE COMPONENTS."

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:F03D 7/04 :10/350,452 :24/01/2003 :U.S.A. :PCT/US2004/001774 :23/01/2004 :WO 2004/067958 :NA :NA :NA :NA	(71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :ONE RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor : 1)JANSSEN WILHELM 2)LUETZE HENNING 3)BUECKER ANDREAS 4)HOFFMANN TILL 5)HAGEDORN RALF

No of Pages : 12

No of Claims : 10

(57) Abstract :

A wind turbine. The wind turbine includes a blade pitch control system to vary a pitch of one or more blades and a turbine controller coupled with the blade pitch control system. A first power source is coupled with the turbine controller and with the blade pitch control system to provide power during a first mode of operation. Uninterruptible power supplies coupled to the turbine controller and with the blade pitch control system to provide power during a second mode of operation. The turbine controller detects a transition from the first mode of operation to the second mode of operation and causes the blade pitch control system to vary the pitch of the one or more blades in response to the transition.

(54) Title of the invention : "METHOD OF OBTAINING AN ISOPRENE-ENRICHED FCC C5 FRACTION AND SELECTIVE POLYMERISATION OF ISOPRENE FROM SAID FRACTION"

(51) International classification :C08F 136/08
 (31) Priority Document No :0300694
 (32) Priority Date :22/01/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2004/000343
 Filing Date :19/01/2004
 (87) International Publication No :WO 2004/065339
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

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

No of Pages : 36

No of Claims : 22

(57) Abstract :

The present invention relates to a process for obtaining, from an "FCC" initial C5 fraction, a final C5 fraction which is enriched with isoprene and purified which is usable for the selective polymerization of isoprene, and to a process for obtaining an isoprene photopolymer from a polymerization medium comprising isoprene and at least one methyl butane, such as said "FCC" C5 fraction which is enriched with isoprene and purified. The process of obtaining the final fraction from the initial C5 fraction comprises: a catalytic hydrogenation reaction or said initial C5 fraction by means of a Palladium-based catalyst, which produces an intermediate C5 fraction comprising n-pentanes in a mass ratio which is less than 0.1 % and methyl butanes. A dehydrogenation reaction applied to an intermediate C5 fraction, comprising methyl butanes and originating from the initial fraction, and which produces the final fraction, and Purification of the final fraction thus obtained to obtain the purified final fraction which is practically devoid of disubstituted alkynes, true alkynes and cyclopentadiene, and the mass fraction of the methyl butanes in the intermediate fraction is < 30%. The process for obtaining an isoprene photopolymer according to the invention comprises the reaction, in the presence of isoprene and at least one methyl butane, the mass ratio (methyl butane(s): isoprene) being > 50%, of a catalytic system based on a conjugated diene, a rare earth salt of an organic phosphoric acid in suspension, an alkyl ting agent, the molar ratio (alkyl ting agent: salt) ranging from 1 to 5, and a halogen donor.

(54) Title of the invention : "MIXTURES OF SUBSTANCES"

(51) International classification	:C08L 83/12	(71)Name of Applicant :
(31) Priority Document No	:103 07 713.8	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:24/02/2003	Address of Applicant :51369 LEVERKUSEN, GERMANY. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/001462	1)REINHOLD KLIPPER
Filing Date	:17/02/2004	2)WOLFGANG PODSZUN
(87) International Publication No	:WO 2004/074379	3)HANFRIED TREFFURTH
(61) Patent of Addition to Application Number	:NA	4)UDO HERRMANN
Filing Date	:NA	5)HANS-KARL SOEST
(62) Divisional to to Application Number	:NA	6)ULRICH LITZINGER
Filing Date	:NA	

No of Pages : 25

No of Claims : 14

(57) Abstract :

The present invention relates to mixtures of substances based on organopolysiloxane polyethers and at least one further substance or component, preferably a polymer obtained from aqueous suspension, particularly preferably crosslinked functionalized polystyrene polymer beads, and also to the use of such mixtures of substances based on organopolysiloxane polyether together with crosslinked functionalized polystyrene polymer beads as free-flowing ion exchangers or free-flowing adsorbers, particularly preferably free-flowing monodisperse or heterodisperse anion exchangers or cation exchangers, but also free-flowing mixtures of anion and cation exchangers.

(54) Title of the invention : "SLACK ADJUSTER MECHANISM WITH LOCKING DEVICE"

(51) International classification :F16D 65/56
 (31) Priority Document No :10/355,511
 (32) Priority Date :31/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/002899
 Filing Date :02/02/2004
 (87) International Publication No :WO 2004/070226
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

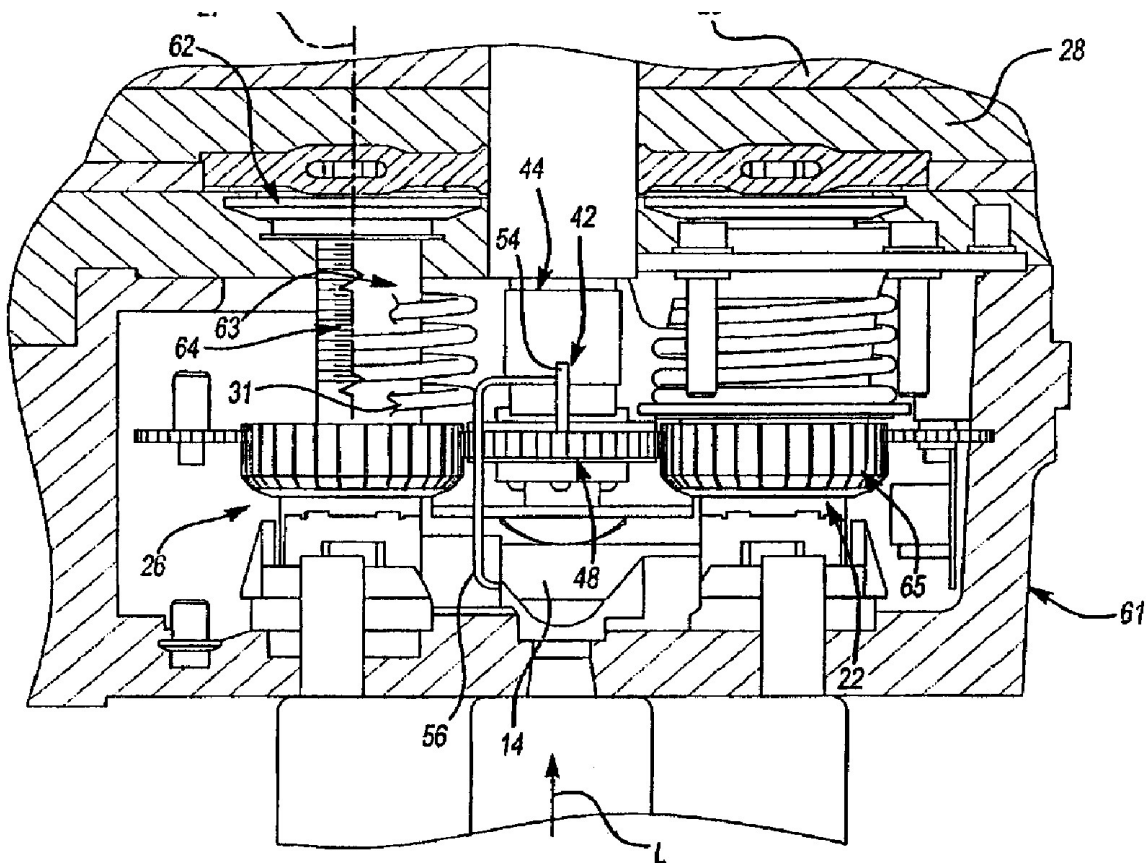
(71)Name of Applicant :
1)ARVINMERITOR TECHNOLOGY,LLC,
 Address of Applicant :DELAWARE,OF 2135 WEST
 MAPLE,TROY,MI 48084,U.S.A. U.S.A.
 (72)Name of Inventor :
1)MARK ANTHONY NORMAN
2)MARTIN TAYLOR

No of Pages : 9

No of Claims : 21

(57) Abstract :

A slack adjustment system (12) for a disk brake includes a biasing member (44) to adjust slack in a brake system. The biasing member operates independently of pressure applied to a brake actuator. A locking device (42) secures the adjustment mechanism in place when adjustment is not necessary. Release of the locking member allows the biasing member to adjust the resting position of brake pads independent of driver applied brake pressure.



(54) Title of the invention : "PROPYLENE POLYMER COMPOSITION AND USE THEREOF"

(51) International classification	:C08L 23/10
(31) Priority Document No	:2003-16820
(32) Priority Date	:27/01/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/000292
Filing Date	:16/01/2004
(87) International Publication No	:WO 2004/067627
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUI CHEMICALS, INC.
Address of Applicant :5-2,HIGASHI-SHIMBASHI 1-CHOME,
MINATO-KU, TOKYO 105-7117, JAPAN. Japan

(72)**Name of Inventor :**
1)RYOJI MORI
2)TAKASHI NAKAGAWA
3)MAMORU KAGAMI
4)AKIPA TODO

No of Pages : 49

No of Claims : 4

(57) Abstract :

The invention provides a propylene polymer composition well balanced and excellent in transparency, flexibility, heat resistance, scratch resistance and rubber elasticity, and a medical tube made from the propylene polymer composition. The propylene polymer composition satisfies all the following properties (A), (B), (C) and (D): (A) the composition shows a loss tangent (tan δ) peak at a temperature in the range of -20 to 25°C according to dynamic viscoelasticity measurement (10 rad/s) in a torsion mode, and the peak is 0.5 or above; (B) the storage elastic modulus G' at 20°C from the dynamic viscoelasticity measurement is in the range of 1.0x10⁷ to 4.9x10⁸ dyn/cm²; (C) the penetration temperature (°C) determined in accordance with JIS K 7196 is in the range of 60 to 160°C; and (D) the composition has a permanent set of not more than 30% as determined after the composition fixed between chucks 30 mm apart is 100% strained at a stress rate of 30 mm/min, maintained for 10 minutes and released for 10 minutes. The medical tube is made from the propylene polymer composition.

(54) Title of the invention : "FLUID FILTER ASSEMBLY WITH CENTER TUBE WITH INTEGRATED PRESSURE-RELIEF VALVE"

(51) International classification :B01D 27/10
 (31) Priority Document No :10/374,404
 (32) Priority Date :26/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/001384
 Filing Date :20/01/2004
 (87) International Publication No :WO 2004/076024
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ARVIN TECHNOLOGIES INC.

Address of Applicant :2135 WEST MAPLE ROAD, TROY, MI 48084, USA. U.S.A.

(72)Name of Inventor :

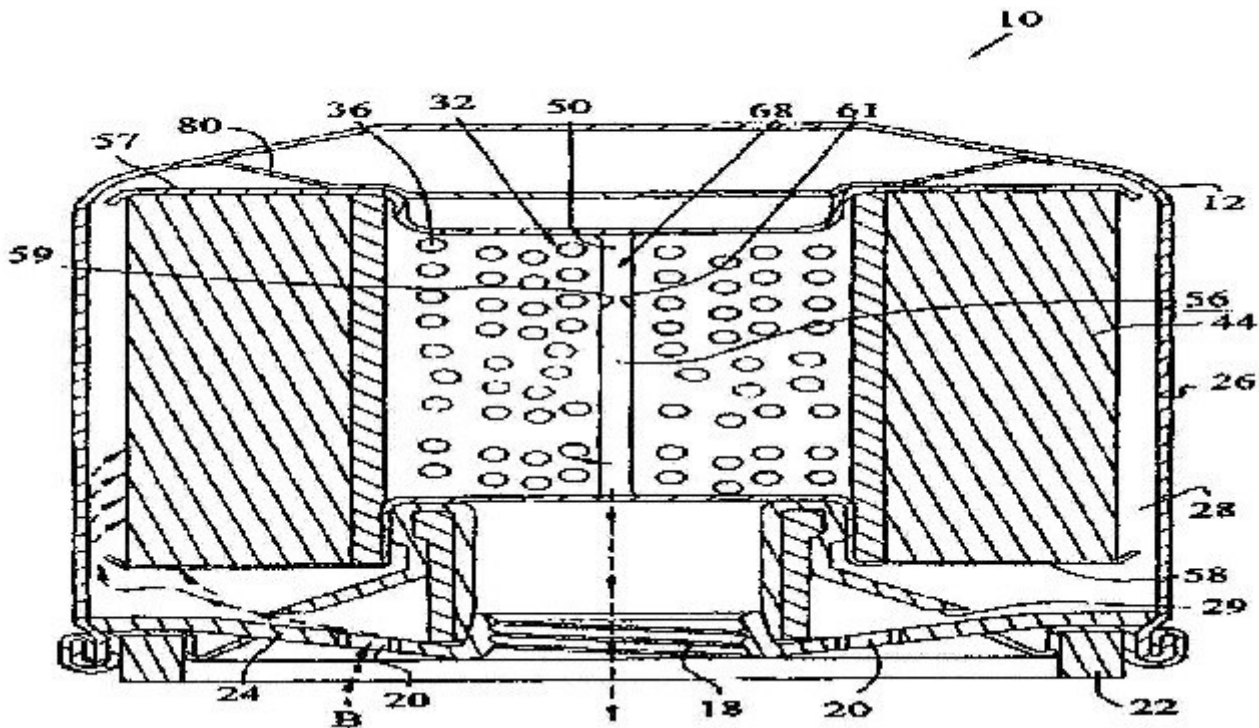
1)ARUN K. BHARDWAJ

No of Pages : 14

No of Claims : 20

(57) Abstract :

A fluid filter assembly (10) including a canister (12) having a canister wall, a first passage (18) and a second passage (20). A center tube (32) is disposed within the canister and defines a length between a first end and a second end. The center tube includes a center tube wall (34) having a plurality of apertures (36) and defining a central bore (38), which is aligned with and is in communication with the first passage (18). The center tube wall (32) includes a resilient valve seam (50), which extends along the length of the center tube (32) and has a closed position and an open position. A filter element (44) is mounted on the center tube (32) and is disposed within the canister (12). When the valve seam (50) is in the open position, the bore is in un-filtered communication with the second passage (20) through a gap (54) formed at the valve seam (50).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3307/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :26/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "CONTINUOUS EXTRUSION APPARATUS"

(51) International classification	:B21C 23/00
(31) Priority Document No	:0304114.2
(32) Priority Date	:22/02/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/000701
Filing Date	:20/02/2004
(87) International Publication No	:WO 2004/073901
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BWE LIMITED

Address of Applicant :BEAVER INDUSTRIAL ESTATE, ASHFORD,
KENT TN23 7SH, GREAT BRITAIN. U.K.

(72)Name of Inventor :

1)DANIEL JOHN HAWKES

No of Pages : 5

No of Claims : 7

(57) Abstract :

A die heater body assembly (11) for continuous extrusion apparatus substantially similar to the apparatus described in EP-A-0071 490 includes a die block (15) of non-magnetic material for the extrusion of copper tube and a bucket portion (17) forming a sliding fit in a die heater body (19). The die heater body (19) includes a coil of copper tubing in a ceramic support material provided with electric power and cooling water connections (23) to heat the bucket portion (17) by electrical induction to a temperature of approximately 700°Celsius. To concentrate the electric induction heating effect at the bucket portion (17) low reluctance magnetic members (25) and magnetic material end blocks (33,35 and 37) direct eddy current flow toward the bucket portion (17). Weakening of the shoe as a consequence of provided the heating is limited.

(54) Title of the invention : ROBUST MODE STAGGERCASTING

(51) International classification :H04N 1/409
 (31) Priority Document No :60/443,672
 (32) Priority Date :28/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/001583
 Filing Date :20/01/2004
 (87) International Publication No :WO 2004/070986
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

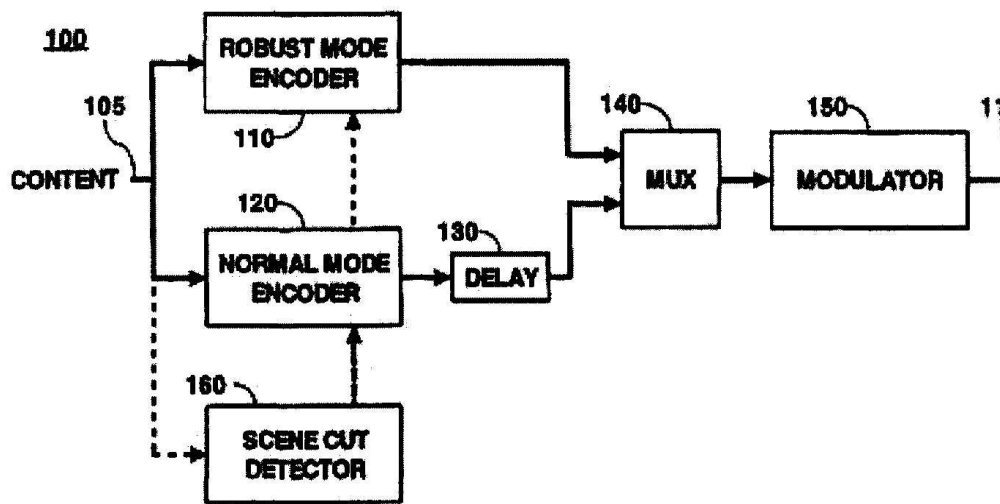
(71)Name of Applicant :
1)THOMSON LICENSING S.A.
 Address of Applicant :46, QUAI A. LE GALLO, F- 92648
 BOULOGNE, FRANCE France
 (72)Name of Inventor :
1)RAMASWAMY, KUMAR
2)COOPER, JEFFREY
3)BOYCE, JILL

No of Pages : 45

No of Claims : 14

(57) Abstract :

A method and apparatus for staggercasting, encodes a first signal representing content and encodes a second signal representing the content using encoding relatively more robust than the encoding of the first encoded content representative signal. A composite signal including at least the first and second encoded signals is generated, in which one of the first and second encoded signals is delayed with respect to the other encoded signal. If an error is detected in the composite signal, then the undelayed encoded signal is decoded to reproduce the content. Otherwise, the delayed encoded signal is decoded to reproduce the content.



(54) Title of the invention : "PROCESS FOR PREPARING INHIBITORS OF NUCLEOSIDE PHOSPHORYLASES AND NUCLEOSIDASES."

(51) International classification	:C07H 19/23	(71)Name of Applicant :
(31) Priority Document No	:NZ 523970	1)INDUSTRIAL RESEARCH LIMITED
(32) Priority Date	:04/02/2003	Address of Applicant :24 BALFOUR ROAD,PARNELL,
(33) Name of priority country	:New Zealand	AUCKLAND, NEW ZEALAND. New Zealand
(86) International Application No	:PCT/NZ2004/000017	2)ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA
Filing Date	:30/01/2004	UNIVERSITY
(87) International Publication No	:WO 2004/069856	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)EVANS GARY BRIAN
Filing Date	:NA	2)TYLER PETER CHARLES
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 17

(57) Abstract :

The present invention relates to a new process for the preparation of compounds of general formula (I) which are inhibitors of purine nucleoside phosphorylases (PNP), purine phosphoribosyltransferases (PPRT), S'-methylthioadenosine phospho-rylases (MTAP), 5'-methylthioadenosine nucleosidases (MTAN) and/or nucleoside hydrolases (NH).The present invention relates to a new process for the preparation of compounds of general formula (I) which are inhibitors of purine nucleoside phosphorylases (PNP), purine phosphoribosyltransferases (PPRT), 5'-methylthioadenosine phosphorylases (MTAP), S'-methylthioadenosine nucleosidases (MTAN) and/or nucleoside hydrolases (NH).

(54) Title of the invention : DRAGLINE BUCKET

(51) International classification :E02F 3/48
 (31) Priority Document No :2003900403
 (32) Priority Date :31/01/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/000105
 Filing Date :29/01/2004
 (87) International Publication No :WO 2004/067856
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

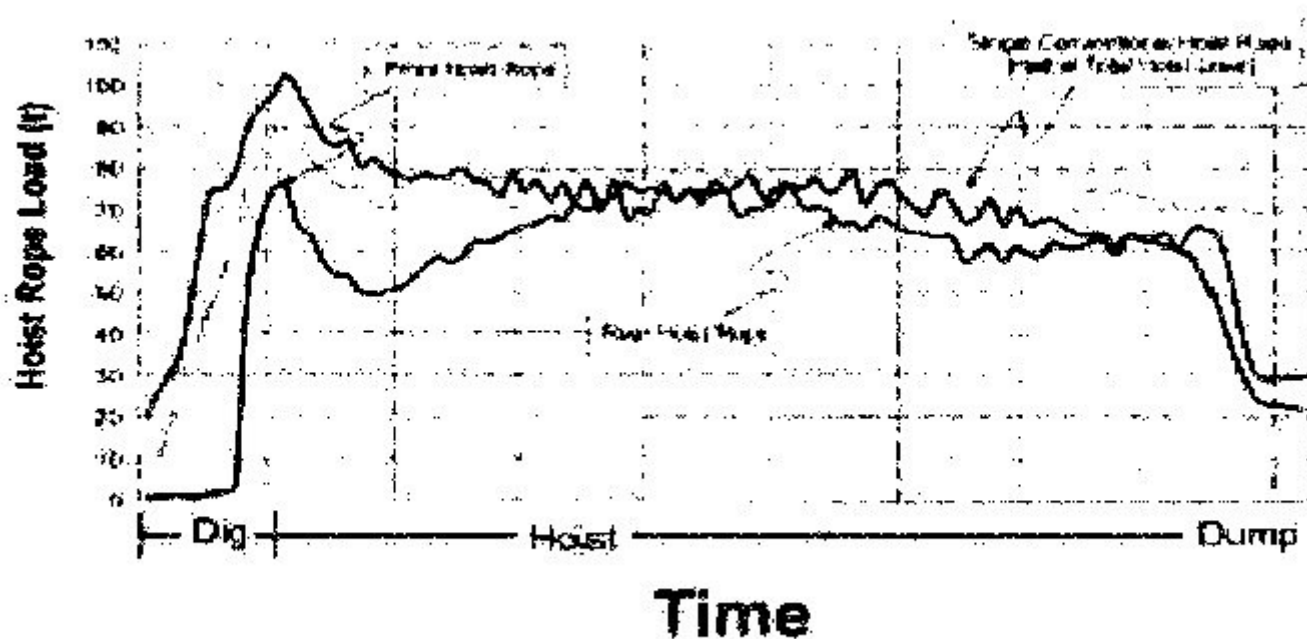
(71)Name of Applicant :
1)CMTE DEVELOPMENT LIMITED
 Address of Applicant :BUILDING 101, UQ PINJARRA HILLS
 CAMPUS, 2436 MOGGILL ROAD, PINJARRA HILLS, QUEENSLAND,
 4069, AUSTRALIA. Australia
 (72)Name of Inventor :
1)ROWLANDS, JEFFREY CRAIG

No of Pages : 15

No of Claims : 12

(57) Abstract :

The invention provides for the design of a dragline bucket of the type where there are separate front and rear hoist ropes attached to front mounting points (110, 111) and rear mounting points (109) respectively. The front and rear hoist ropes can be independently operated to vary the horizontal attitude of the bucket. The bucket design methodology seeks to equalize the loads in the front and rear hoist ropes during the major phases of the operating cycle such as digging, hoisting and dumping, and this is typically achieved by providing a bucket with comparatively shallow side walls (103, 104) compared with the overall length of the bucket and the positions at which the front and rear hoist ropes ultimately join onto the bucket. The bucket typically has a flat floor (102) and relatively shallow side walls which may in some embodiments taper downwardly from the rear section (106) to the front section (107).



(54) Title of the invention : "SUPPORTED BIOFILM APPARATUS AND PROCESS"

(51) International classification :C02F 3/10
 (31) Priority Document No :60/447,025
 (32) Priority Date :13/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/000206
 Filing Date :13/02/2004
 (87) International Publication No :WO 2004/071973
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

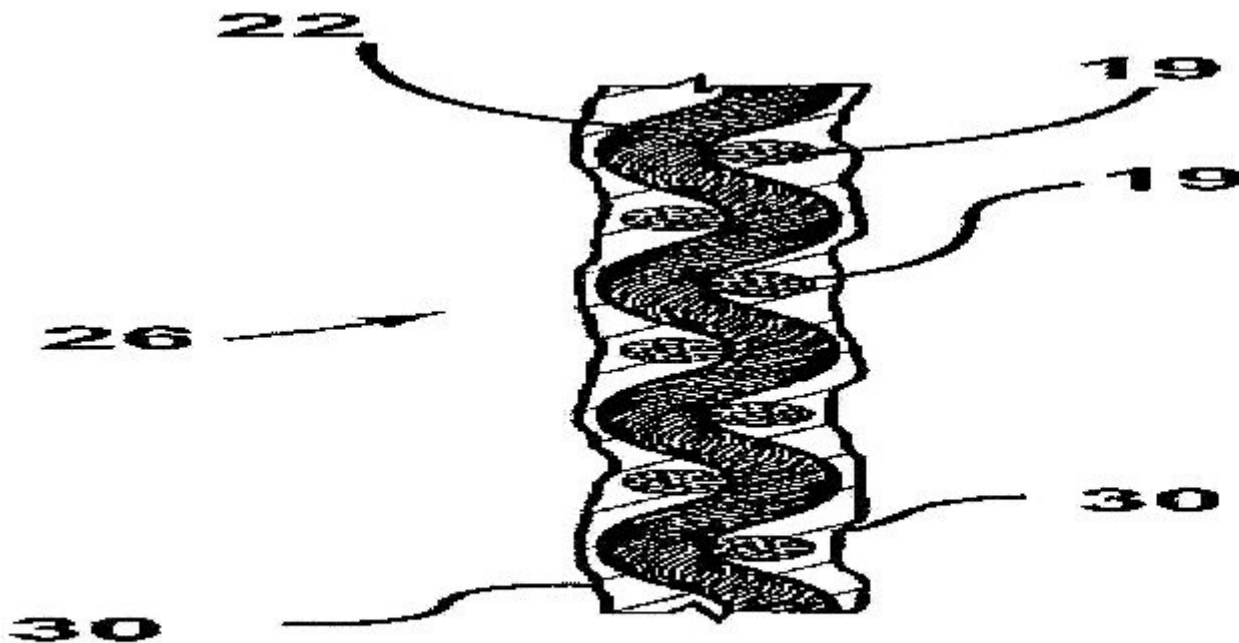
(71)Name of Applicant :
1)ZENON ENVIRONMENTAL INC.
 Address of Applicant :3239 DUNDAS STREET WEST, OAKVILLE,
 ONTARIO L6M 4B2, CANADA. Canada
 (72)Name of Inventor :
1)COTE, PIERRE
2)HUSAIN, HIDAYAT
3)TOWE, IAN G.
4)BEHMANN, HENRY
5)POTTINGER, IAN A.

No of Pages : 55

No of Claims : 87

(57) Abstract :

A membrane supported biofilm reactor uses modules having fine, hollow fibres (19), for example, made from dense wall Poly methylpentene (PMP) used in tows or formed into a fabric (26). In one module, one or more sheets of the fabric are potted into a module to enable oxygen containing gas to be supplied to the lumens of the hollow fibres. Various reactors and processes, for example to treat wastewater, using such modules are described. Mechanical, chemical and biological methods are used to control the thickness of the biofilm (30).



(54) Title of the invention : "INTRADERMAL DELIVERY DEVICE WITH CONTOURED SKIN ENGAGING SURFACE GEOMETRY"

(51) International classification :A61M 5/32
 (31) Priority Document No :60/443,826
 (32) Priority Date :30/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/002699
 Filing Date :30/01/2004
 (87) International Publication No :WO 2004/069301
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

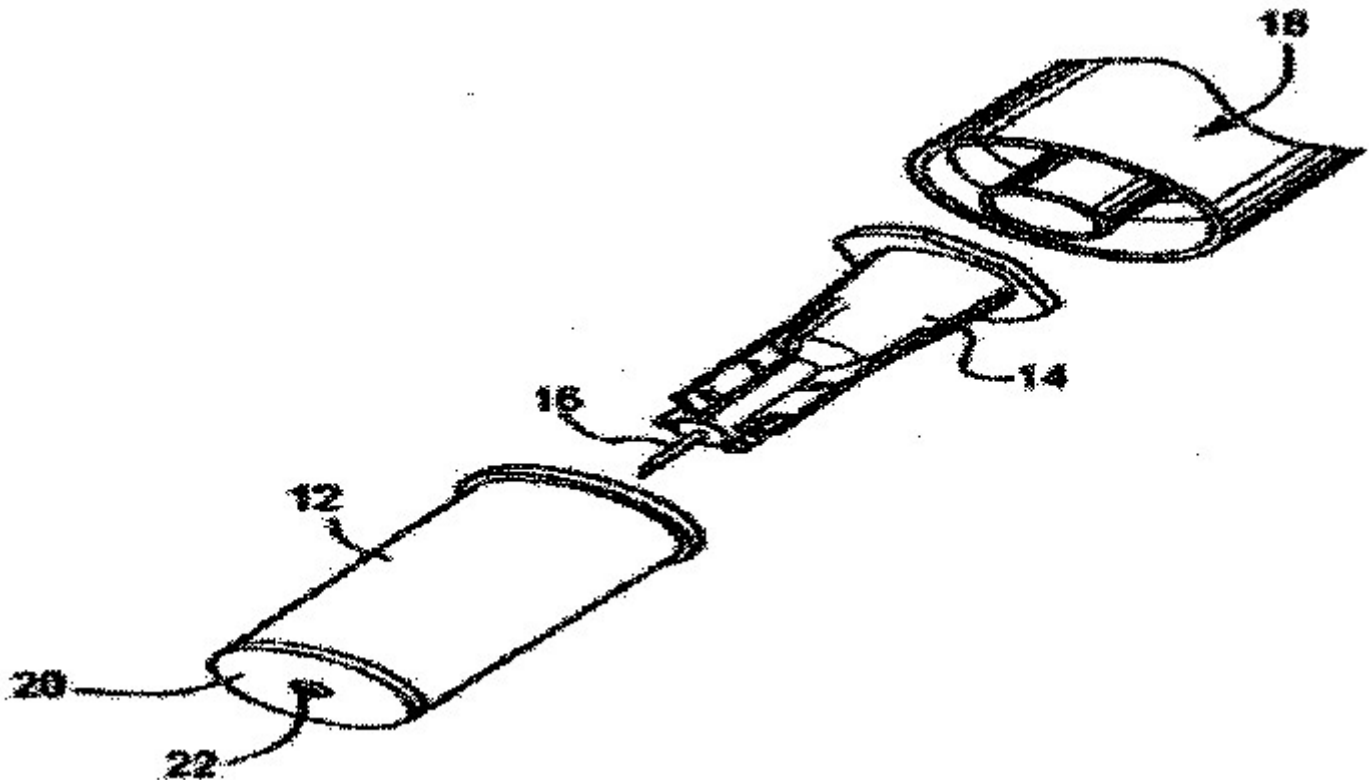
(71)Name of Applicant :
1)BECTON, DICKINSON AND COMPANY
 Address of Applicant :1 BECTON DRIVE, FRANKLIN LAKES NJ
 07417 U.S.A. U.S.A.
 (72)Name of Inventor :
1)ALCHAS, PAUL, G.
2)HEYMAN, PETER, W.
3)KORISCH, MARINA, S.
4)EASTERBROOK, WILLIAM
5)WEST, ROBERT
6)CHELAK, TODD

No of Pages : 25

No of Claims : 70

(57) Abstract :

A medication delivery device (10), particularly an intradermal delivery device, having a needle cannula (16), with a sharpened distal end having a forward tip, and a limiter (12) disposed about the needle cannula. The limiter has a distal end defining a skin engaging surface (20) which is disposed transversely to, and at least partially about, the needle cannula. The skin engaging surface is generally non-flat with generally coplanar portions, and a recess (27) being defined in the engaging surface which defines a void in or adjacent to the coplanar portions into which portions of a patient's skin can be deformed into when the skin engaging surface is pressed against the patient's skin. The forward tip of the needle cannula is spaced apart from a plane defined by the coplanar portions a distance ranging from about 0.5 mm to 3.0 mm such that the skin engaging surface limits penetration of the forward tip of the needle cannula to the dermis layer of the patient's skin.



(54) Title of the invention : ROBUST MODE STAGGERCASTING STORING CONTENT

(51) International classification	:H04N 1/409
(31) Priority Document No	:60/443,672
(32) Priority Date	:28/01/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/002062
Filing Date	:26/01/2004
(87) International Publication No	:WO 2004/066706
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THOMSON LICENSING S.A.
 Address of Applicant :46, QUAI,A. LE GALLO, F-92648
 BOULOGNE, FRANCE. France

(72)**Name of Inventor :**
1)COOPER, JEFFREY
2)BOYCE, JILL
3)RAMASWAMY, KUMAR

No of Pages : 48

No of Claims : 32

(57) Abstract :

A method and apparatus for storing staggercasted content includes encoding a set of signals representing content. The set of signals is capable of being decoded to produce a corresponding set of decoded signals, each decoded signal having a quality different from the qualities of the decoded signals corresponding to the other encoded signals. A composite signal comprising the set of encoded signals, staggered in time, is generated. The set of encoded signals is extracted from the composite signal, Errors in the set of extracted encoded signals are detected to produce a subset of available extracted encoded signals which are not erroneous. A content representative signal at a selectable desired quality is decoded. The decoded content representative signal is then stored in a storage device.

(54) Title of the invention : "DISK BRAKE WITH BRAKE LININGS GUIDED ON BOLTS"

(51) International classification	:F16D 65/095	(71)Name of Applicant :
(31) Priority Document No	:103 12 480.2	1)LUCAS AUTOMOTIVE GMBH
(32) Priority Date	:20/03/2003	Address of Applicant :CARL-SPAETER-STRASSE 8, 56070
(33) Name of priority country	:Germany	KOBLENZ, GERMANY Germany
(86) International Application No	:PCT/EP2004/002606	(72)Name of Inventor :
Filing Date	:12/03/2004	1)SCHOG, MICHAEL
(87) International Publication No	:WO 2004/083669	2)WOLLENWEBER KARL-HEINZ
(61) Patent of Addition to Application Number	:NA	3)SCHROETER, CHRISTIAN
Filing Date	:NA	4)HEES, DIRK
(62) Divisional to to Application Number	:NA	5)ZENZEN, GUIDO
Filing Date	:NA	

No of Pages : 17

No of Claims : 12

(57) Abstract :

Disc brake with brake linings guided on bolts A disc brake has a brake carrier (10) with at least two bolts (16a, 16b, 18a, 18b) which stand axially to the brake disc for guiding a brake lining (32a, 32b). The plane (P) spanned by the bolt axes has a smaller radial distance (EJ) from the disc axis (A) than the centroid of the friction lining.

(54) Title of the invention : "CONDUCTOR OPTIMIZED AXIAL FIELD ROTARY ENERGY DEVICE"

(51) International classification	:H02K 1/00	(71)Name of Applicant :
(31) Priority Document No	:60/445,884	1)CORE INNOVATION, LLC
(32) Priority Date	:07/02/2003	Address of Applicant :1000 INNOVATION DRIVE, RONAN, MT
(33) Name of priority country	:U.S.A.	59864, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/003825	(72)Name of Inventor :
Filing Date	:05/02/2004	1)JORE, MATTHEW, B. & JORE, LINCOLN, M.
(87) International Publication No	:WO 2004/073365	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 13

(57) Abstract :

The present invention provides an axial rotary energy device which is arranged in a multi-phase electric current configuration. The device includes a rotor having a plurality of permanent magnet poles secured thereto and further includes a stator formed by stacking a plurality of printed circuit board working conductor layers together with a plurality of printed circuit board connecting layers. The stator having at least one working conductor layer for each phase of the electric current and at least one connecting conductor layer associated with one working conducting layer. The working conductor layer and the connecting conductor layer each having radial conductors extending from an inner diameter through-hole to an outer diameter through-hole. A plurality of via conductors are provided for electrically connecting selected ones of the radial connectors of the connecting conductor layer to selected ones of the radial connectors of the working conductor layers through the through-holes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3339/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING PYRROLOTRIAZINE KINASE INHIBITORS"

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:60/445,224	1)BRISTOL-MYERS SQUIBB COMPANY
(32) Priority Date	:05/02/2003	Address of Applicant :P.O. BOX 4000, ROUTE 206 AND PROVINCE
(33) Name of priority country	:U.S.A.	LINE ROAD, PRINCETON, NEW JERSEY 08543-4000, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/003223	(72)Name of Inventor :
Filing Date	:05/02/2004	1)BANG-CHI CHEN
(87) International Publication No	:WO 2004/072030	2)RULIN ZHAO
(61) Patent of Addition to Application Number	:NA	3)JOSEPH EDWARD SUNDEEN
Filing Date	:NA	4)KATERINA LEFOTHERIS
(62) Divisional to to Application Number	:NA	5)JOHN HYNES
Filing Date	:NA	6)STEPHEN T. WROBLESKI

No of Pages : 43

No of Claims : 20

(57) Abstract :

An improved process for the preparation of certain pyrrolotriazine compounds is disclosed. The compounds exhibit utility as kinase inhibitors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3341/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "AGGLOMERATED ADSORBENTS, PROCESS FOR THEIR PREPARATION AND THEIR USE IN THE DRYING OF ORGANIC COMPOUNDS"

(51) International classification	:B01J 20/18
(31) Priority Document No	:03/01596
(32) Priority Date	:11/02/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/000298
Filing Date	:10/02/2004
(87) International Publication No	:WO 2004/071945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CECA S.A.

Address of Applicant :4-8, COURS MICHELET, F-92800 PUTEAUX, FRANCE. France

(72)Name of Inventor :

1)DOMINIQUE PLEE

No of Pages : 11

No of Claims : 9

(57) Abstract :

The present invention relates to agglomerated molecular sieves based on a molecular sieve with a pore opening equal to approximately 3 Å, to a process for their preparation and to their use in the drying of organic compounds, particularly alcohols and/or esters, in the gas or liquid phase, by passing the compounds to be dehydrated through a bed of adsorbent based on the said agglomerated sieves.

(54) Title of the invention : "ASSESSMENT OF NUCLEAR PLEOMORPHISM BY IMAGE ANALYSIS"

(51) International classification :G06T 7/00 (31) Priority Document No :0302997.2 (32) Priority Date :11/02/2003 (33) Name of priority country :U.K. (86) International Application No :PCT/GB2004/000400 Filing Date :05/02/2004 (87) International Publication No :WO 2004/072900 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)QINETIQ LIMITED Address of Applicant :85, BUCKINGHAM GATE, LONDON SW1E 6PD, GREAT BRITAIN U.K. (72) Name of Inventor : 1)SHARON KATRINA WATSON 2)GRAHAM HOWARD WATSON

No of Pages : 41

No of Claims : 45

(57) Abstract :

A method for the automated analysis of digital images, particularly for the purpose of assessing nuclear pleomorphism from images of histological slides for prognostication of breast cancer. The method includes the steps of identifying the locations of objects within the image which have intensity and size characteristics consistent with epithelial cell nuclei and deriving boundaries for those objects. Statistics concerning at least the shapes of the derived boundaries are calculated and clutter is rejected on the basis of those statistics and/or they are used to assign probabilities that the respective objects are epithelial cell nuclei, and a measure of the variability of at least the areas enclosed by such boundaries is then calculated. In one embodiment the boundaries are derived by seeking closed contours consisting of points of the same grey-level within regions centred on the locations of such objects. Another embodiment involves the deformation of a closed loop starting within the respective object, moving outward in stages in accordance with grey-level gradients around the loop, and selecting as the best fit to the real boundary the deformed loop which satisfies specified edge metrics.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3344/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "SUB SYMBOL PARALLEL INTERFERENCE CANCELLATION"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:H04B :60/443,655 :30/01/2003 :U.S.A. :PCT/US2004/002318 :29/01/2004 :WO 2004/070958 :NA :NA :NA :NA	(71)Name of Applicant : 1)THE MITRE CORPORATION Address of Applicant :7515 COLSHIRE DRIVE, MCLEAN, VA 22102-7508, USA. U.S.A. (72)Name of Inventor : 1)JAMES P. DUNYAK 2)JOHN D. FITE 3)JEROME M. SHAPIRO

No of Pages : 59

No of Claims : 88

(57) Abstract :

Reduction of multiple access interference, in one example for asynchronous CDMA systems using long codes. In one aspect, parallel interference cancellation (PIC) implements a decoupled estimate, preferably non-linear and applied at chip intervals. According to another aspect, interference is cancelled using a technique that estimates bits for a symbol by interpolating signature waveforms for users to a common sampling lattice of the received data. According to another aspect, multi-stage, hybrid multi-stage, and reconfigurable recursive multi-stage multi-user detection architectures and corresponding processes are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3349/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "C6 RECYCLE FOR PROPYLENE GENERATIO IN A FLUID CATALYTIC CRACKING UNIT"

(51) International classification	:C10G 11/05	(71)Name of Applicant :
(31) Priority Document No	:60/450,850	1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(32) Priority Date	:28/02/2003	Address of Applicant :1545 ROUTE 22 EAST, P.O. BOX. 900,
(33) Name of priority country	:U.S.A.	ANNANDALE, NEW JERSEY 08801-0900, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/004266	(72)Name of Inventor :
Filing Date	:13/02/2004	1)TAN-JEN CHEN
(87) International Publication No	:WO 2004/078881	2)BRIAN ERIK HENRY
(61) Patent of Addition to Application Number	:NA	3)PAUL F. KEUSENKOTHEN
Filing Date	:NA	4)PHILIP A. RUZISKA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 13

(57) Abstract :

The present invention relates to a process for selectively producing C3 olefms from a catalytically cracked or thermally cracked naphtha stream. The process is practiced by recycling a C6 rich fraction of the catalytic naphtha product to the riser upstream the feed injection point, to a parallel riser, to the spent catalyst stripper, and/or to the reactor dilute phase immediately above the stripper.

(54) Title of the invention : "SUBSTITUTED HETEROCYCLES"

(51) International classification :A61K (31) Priority Document No :03003495.3 (32) Priority Date :14/02/2003 (33) Name of priority country :EPO (86) International Application No :PCT/EP2004/0011097 Filing Date :06/02/2004 (87) International Publication No :WO 2004/071382 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)BAYER HEALTHCARE AG Address of Applicant :51368 LEVERKUSEN, GERMANY. Germany (72) Name of Inventor : 1)MARC STADLER 2)STEPHAN SEIP 3)HARTWIG MULLER 4)ANKE MAYER-BARTSCHMID 5)MICHAEL-ALEXANDER BRUNING 6)JORDI BENET-BUCHHOLZ 7)HIROKO TOGAME 8)REIKO DODO 9)PETER REINEMER 10)KEVIN BACON 11)KINJI FUCHIKAMI 12)SATOKO MATSUKAWA 13)KLAUS URBAHNS

No of Pages : 71

No of Claims : 16

(57) Abstract :

The present invention relates to substituted heterocycles, processes for their preparation, and their use in medicaments, especially for the treatment of inflammatory disease, i.e. asthma, or cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3353/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUSTAINED RELEASE DEVICE AND METHOD FOR OCULAR DELIVERY OF CARBONIC ANHYDRASE INHIBITORS

(51) International classification	:A61K 9/22	(71)Name of Applicant :
(31) Priority Document No	:60/442,499	1)CONTROL DELIVERY SYSTEMS, INC.
(32) Priority Date	:24/01/2003	Address of Applicant :400 PLEASANT STREET,WATERTOWN, MA
(33) Name of priority country	:U.S.A.	02472, U.S.A U.S.A.
(86) International Application No	:PCT/US2004/001719	(72)Name of Inventor :
Filing Date	:23/01/2004	1)ASHTON, PAUL
(87) International Publication No	:WO 2004/066980	2)GUO, HONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43

No of Claims : 21

(57) Abstract :

The invention provides a device and method for treating and/or preventing raised intraocular pressure, such as that associated with glaucoma or the use of corticosteroids with carbonic anhydrase inhibitors. The invention provides insertable sustained-release devices adapted to maintain a therapeutically effective concentration of one or more carbonic anhydrase inhibitors for an extended period of time, and a method of use thereof.

(54) Title of the invention : ROBUST MODE STAGGERCASTING WITH MULTIPLE DELAYS FOR MULTI-RESOLUTION SIGNALS.

(51) International classification	:H03M	(71)Name of Applicant :
(31) Priority Document No	:60/443,672	1)THOMSON LICENSING S.A.
(32) Priority Date	:28/01/2003	Address of Applicant :46, QUAI A. LE GALLO, F-92648
(33) Name of priority country	:U.S.A.	BOULOGNE, FRANCE France
(86) International Application No	:PCT/US2004/00202	(72)Name of Inventor :
Filing Date	:23/01/2004	1)COPPER, JEFFREY
(87) International Publication No	:WO 2004/068714	2)BOYCE, JILL
(61) Patent of Addition to Application Number	:NA	3)RAMASWAMY, KUMAR
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 47

No of Claims : 21

(57) Abstract :

A method and apparatus for staggercasting includes encoding a set of signals representing content such that each encoded signal, alone or in combination with other encoded signals, is capable of being decoded to produce a corresponding decoded signal. Each decoded signal has a reproduced quality which different from the reproduced quality of all the other decoded signals. A composite signal is generated including the set of encoded signals. The encoded signal corresponding to a lowest quality decoded signal is undelayed. The other encoded signals are delayed by different amounts such that the higher the quality of the corresponding decoded signal, the longer the delay period. The set of encoded signals is extracted from the composite signal, and errors in the set of extracted encoded signals detected. A subset of available extracted encoded signals which are not erroneous is produced. A content representative signal at the highest quality possible is decoded from the subset of available extracted encoded signals.

(54) Title of the invention : "METHOD AND APPARATUS FOR MANAGING ANIMATION DATA OF AN INTERACTIVE DISC"

(51) International classification :G11B 20/10
 (31) Priority Document No :60/443,292
 (32) Priority Date :29/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2003/002099
 Filing Date :11/10/2003
 (87) International Publication No :WO 2004/068490
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC.
 Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,
 SEOUL 150-010, REPUBLIC OF KOREA. Republic of Korea
 (72)**Name of Inventor :**
1)ALEXANDRE, LIMONOV
2)LEE, SEUNG HOON
3)YOO, JEA YONG
4)YOON, WOO SEONG

No of Pages : 28

No of Claims : 53

(57) Abstract :

A method for reproducing animation data using an enhanced navigation player is provided. The method comprises receiving first graphic information comprising control data and animation data associated with audio/video (A/V) data read from a first source; extracting from the first graphic information, second and third graphic information; decoding the second and third graphic information into first and second image data, respectively; and reproducing at least one of the first and second image data in the form of animated images, based on the control data.

(54) Title of the invention : "MRI/NMR COMPATIBLE HYPERPOLARIZED GAS DELIVERY VALVES FOR VENTILATORS AND ASSOCIATED GAS DELIVERY METHODS"

(51) International classification :G01R 33/28
 (31) Priority Document No :60/450,209
 (32) Priority Date :26/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/005567
 Filing Date :25/02/2004
 (87) International Publication No :WO 2004/077085
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

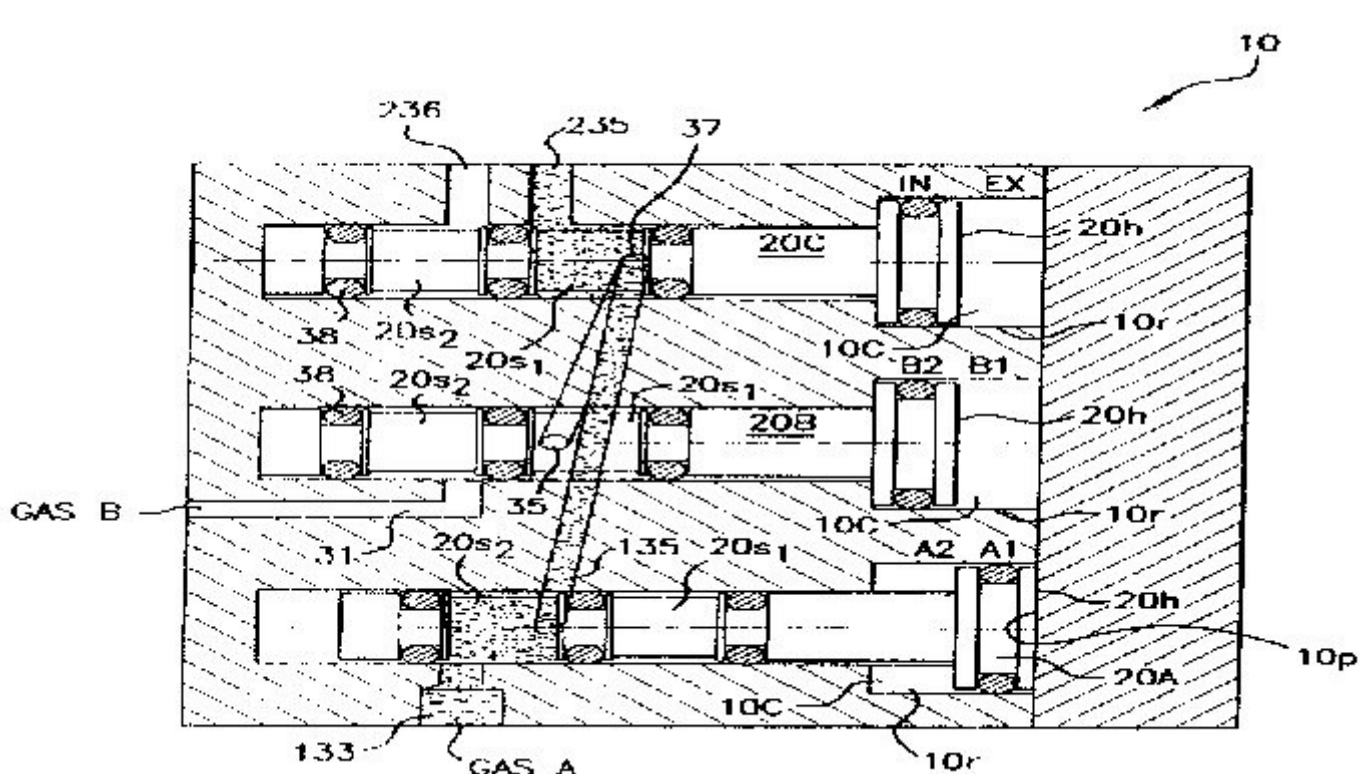
(71)Name of Applicant :
1)MEDI-PHYSICS, INC.
 Address of Applicant :101 CARNEGIE CENTER, PRINCETON, NEW JERSEY 08540, USA. U.S.A.
 (72)Name of Inventor :
1)KENNETH BOLAM
2)JAMES DAVIDSON
3)JAMES BORGES

No of Pages : 32

No of Claims : 67

(57) Abstract :

Methods, systems, assemblies, computer program products and devices deliver hyperpolarized gas by: (a) providing a gas delivery valve with at least one gas flow path therein, the valve comprising a valve body and at least one spool held in the valve body; (b) transmitting a pilot command fluid pulse signal to the at least one spool to introduce pressure onto the spool to force the spool to translate an actuation distance in the valve body; and (c) opening and/or closing the at least one gas flow path in response to the transmitted signal to deliver hyperpolarized gas to a subject.



(54) Title of the invention : "COMPOSITIONS AND METHODS FOR TREATING CANCER USING IGSF9 AND LIV-1"

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:60/442,535	1)BIOGEN IDEC MA INC.
(32) Priority Date	:27/01/2003	Address of Applicant :14 CAMBRIDGE CENTER, CAMBRIDGE,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 02142, USA U.S.A.
(86) International Application No	:PCT/US2004/002044	(72)Name of Inventor :
Filing Date	:27/01/2004	1)KAREN MCLACHLAN
(87) International Publication No	:WO 2004/066933	2)SCOTT GLASER
(61) Patent of Addition to Application Number	:NA	3)ROBERT J. PEACH
Filing Date	:NA	4)TONY ROWE
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 110

No of Claims : 43

(57) Abstract :

Human IGSF9 and I,IV-1 polypeptides and DNA (RNA) encoding such polypeptides are disclosed. The disclosed polypeptides and/or polynucleotide are particularly useful generating antibodies, both modified and native, which bind IGSF9 or IiV 1. Also disclosed are pharmaceutical compositions and vaccines comprising the antibodies, polypeptides and polynucleotides of the invention. Also disclosed are methods for utilizing such polypeptides for identifying ligands, antagonists and agonists to said polypeptides. I-nally, methods comprising the above-mentioned compositions are'disclosed for the treatment, diagnosis, and/or prognosis of neoplastic disorders

(54) Title of the invention : A METHOD AND APPARATUS FOR SUPPORTING CONTENT PURCHASES OVER A PUBLIC COMMUNICATION NETWORK

(51) International classification :G06F 17/60
 (31) Priority Document No :030888-5
 (32) Priority Date :27/03/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/000449
 Filing Date :24/03/2004
 (87) International Publication No :WO 2004/086276
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

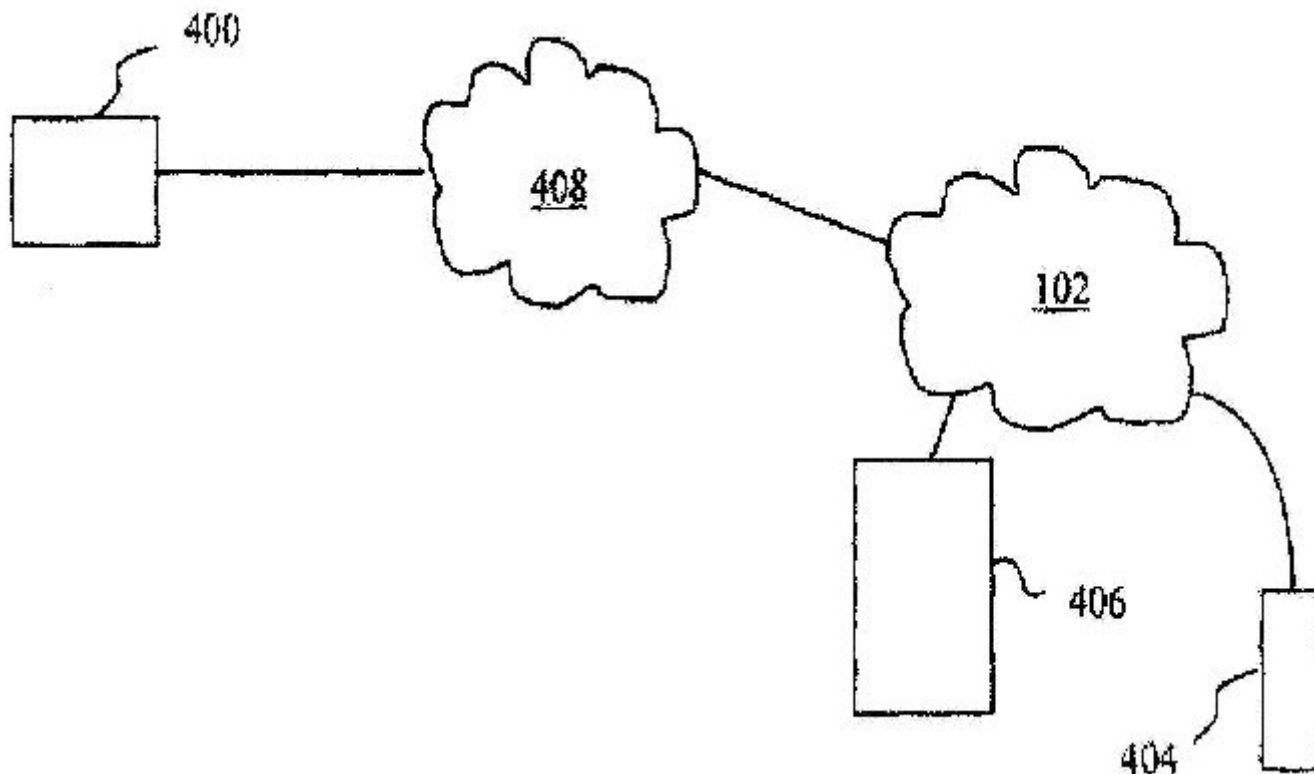
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 Address of Applicant :S-164 83 STOCKHOLM (SE) Sweden
 (72)Name of Inventor :
1)JOAHANSSON, NIKLAS
2)FORSHEDE, OSTEN
3)BOSTROM, PATRIK

No of Pages : 25

No of Claims : 17

(57) Abstract :

A method and apparatus for supporting a purchase of content over a public communication network from a content provider (404) to a customer (400) using an access operator for communication. The content provider receives a purchase request for content from the customer over the public network (102). The requested purchase is validated by a transaction router (406) which identifies the access operator and checks whether the operator approves the requested purchase. The content provider then delivers content to the customer if the purchase has been validated. Finally, the customer can be charged for the purchase by the access operator. The transaction router acts as a common payment mediator between plural operators and content providers, such that only one trusted relationship needs to be established with the transaction router for each operator and each content provider, respectively.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3394/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :01/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "METHODS AND COMPOSITIONS FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:A61K :60/443,098, :28/01/2003 :U.S.A. :PCT/US2004/002390 :28/01/2004 :WO 2004/069165 :NA :NA :NA :NA	(71)Name of Applicant : 1)MICROBIA, INC, Address of Applicant :320 BENT STREET,CAMBRIDGE,MASSACHUSETTS 02141,UNITED STATES OF AMERICA, U.S.A. (72)Name of Inventor : 1)MARK G.CURRIE, 2)SHALINA MAHAJAN-MIKLOS 3)THEA NORMAN 4)G.TODD MILNE

No of Pages : 73

No of Claims : 71

(57) Abstract :

The present invention features compositions and related methods for treating IBS and other gastrointestinal disorders and conditions (e.g., gastrointestinal motility disorders, functional gastrointestinal disorders, gastroesophageal reflux disease (OERD), Crohn's disease, ulcerative colitis, Inflammatory bowel disease, functional heartburn, dyspepsia (including functional dyspepsia or nonulcer dyspepsia), gastroparesis, chronic intestinal pseudo-obstruction (or colonic pseudo-obstruction), and disorders and conditions associated with constipation, e.g., constipation associated with use of opiate pain killers, post-surgical constipation, and constipation associated with neuropathic disorders as well as other conditions and disorders using peptides and other agents that activate the guanylate cyclase C (GC-C) receptor.

(54) Title of the invention : "PROCESS FOR PREPARING SIMVASTATIN HAVING CONTROLLED RANGES OF SIMVASTATIN DIMER CONTENT"

(51) International classification :A61K
(31) Priority Document No :60/446,764
(32) Priority Date :11/02/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/004304
Filing Date :11/02/2004
(87) International Publication No :WO 2004/071456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PLUS CHEMICALS, B.V.
Address of Applicant :INDUSTRIEWEG 23, NL-3841 RK
MIJDRECHT, THE NETHERLANDS. Netherlands
(72)Name of Inventor :
1)FERENC KORODI
2)CSABA SZABO
3)SZABOLCS SALYI
4)ISTVAN BODI

No of Pages : 28

No of Claims : 45

(57) Abstract :

The present invention relates to a process for preparing -simvastatin, wherein the simvastatin dimer content is controlled. More particularly, the present invention relates to a process for preparing simvastatin having a simvastatin dimer content of about 0.2 to about 0.4% wt. The present invention also relates to a process for preparing simvastatin having a simvastatin dimer content of less than about 0.2% wt. The present invention also discloses a commercial scale process of preparing simvastatin having a specified simvastatin dimer content which is reproducible.

(54) Title of the invention : "BICYCLE SADDLE"

(51) International classification :B62J 1/00
 (31) Priority Document No :VI2003A000020
 (32) Priority Date :04/02/2003
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2004/000824
 Filing Date :30/01/2004
 (87) International Publication No :WO 2004/069636
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

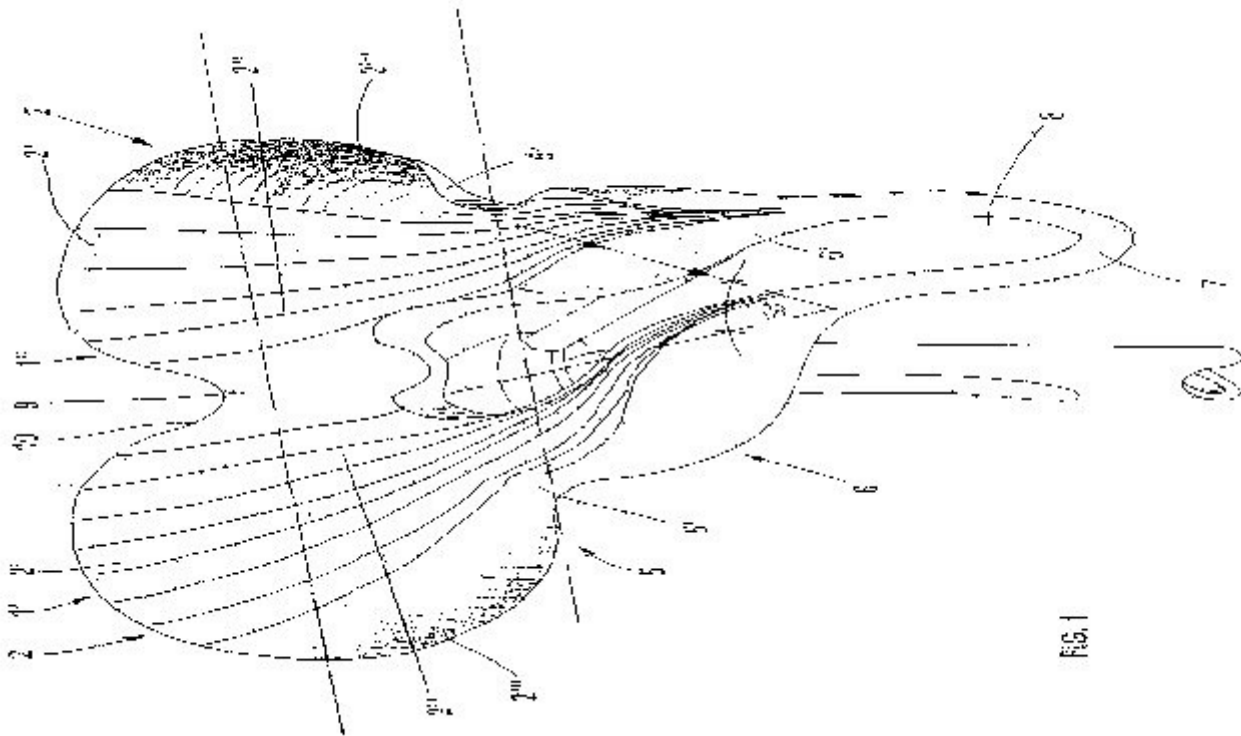
(71)Name of Applicant :
1)M. D'A. FRANCESCO RIONDATO
 Address of Applicant :VIA S. MATTEO 14, I-36061 BASSANO DEL
 GRAPPA ITALY. Italy
 (72)Name of Inventor :
1)FRANCESCO RIONDATO

No of Pages : 9

No of Claims : 7

(57) Abstract :

The finding regards a bicycle saddle of the type which has two identical portions (1', 1''), longitudinally symmetrical. Each of these two portions has a rear part (2) , a part (5) of transversal middle plane as well as a front part (6) . The two portions (1' and 1'') of the saddle are separated, at their intermediate parts (5) and front parts (6), by a channel (8). Thanks to this particular configuration the user arranges his buttocks very comfortably on the rear part of the saddle and avoids the squashing of his pelvic viscera. The saddle according to the finding is suitable both for those who use a bicycle for short journeys and for users who use a bicycle for long journeys like, for example, cycling-lovers and amateur and professional sportspeople. (Fig. 1).



(54) Title of the invention : "PRINTING RUBBER BLANKET"

(51) International classification	:B41N 10/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/JP03/02235	1)KINYOSHA CO., LTD.
(32) Priority Date	:27/02/2003	Address of Applicant :3-24, OSAKI 1-CHOME, SHINAGAWA-KU,
(33) Name of priority country	:Japan	TOKYO 141-8619, JAPAN. Japan
(86) International Application No	:PCT/JP2003/009760	(72)Name of Inventor :
Filing Date	:31/07/2003	1)OGAWA YOSHIHARU
(87) International Publication No	:WO 2004/076196	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 10

(57) Abstract :

A printing rubber blanket includes a surface rubber layer, a second base fabric layer and a first base fabric layer to be provided between the surface rubber layer and second base fabric layer, wherein the first base fabric layer contains at least one type of fiber selected from the group consisting of nylon-based fiber, polyester-based fiber, polyvinyl-alcohol-based fiber, polyolefin-based fiber, rayon fiber, and cotton fiber, and has a thickness within a range of 0.17 to 0.33 mm, a residual elongation within a range of 7% (inclusive) to 15% (exclusive) in a printing direction, and a breaking strength within a range of 20 to 70 kgf/cm in the printing direction.

(54) Title of the invention : "PHARMACEUTICAL COMPOSITIONS COMPRISING THEINO[2,3-C]PYRIDINE DERIVATIVES AND USE THEREOF"

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:154306	1)RIMONYX PHARMACEUTICALS LTD.
(32) Priority Date	:05/02/2003	Address of Applicant :KIRYAT WEIZMANN SCIENCE PARK,
(33) Name of priority country	:Israel	BLDG, 7, P.O. BOX 4056, 70400 NESS-ZIONA, ISRAEL. Israel
(86) International Application No	:PCT/IL2004/000121	(72)Name of Inventor :
Filing Date	:05/02/2004	1)GREGOR, PAUL
(87) International Publication No	:WO 2004/069149	2)HARRIS, NICHOLAS
(61) Patent of Addition to Application Number	:NA	3)KOPPEL, JURAJ
Filing Date	:NA	4)ZHUK, REGINA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 70

No of Claims : 21

(57) Abstract :

The present invention provides thieno[2,3-C]pyridine derivatives, pharmaceutical compositions comprising the thieno[2,3-C]pyridine derivatives, and methods of use thereof. The compounds capable of inhibiting glycosaminoglycan (GAG) interactions with effector cell adhesion molecules (ECAM) are useful for treating diseases and disorders mediated by GAG-ECAMs interactions, particularly inflammatory and autoimmune diseases, viral diseases, cancer, and amyloid disorders.

(54) Title of the invention : PERIPHERAL POINT-OF-SALE SYSTEMS AND METHODS OF USING SUCH

(51) International classification :G06F 17/60
 (31) Priority Document No :10/370,282
 (32) Priority Date :19/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/000721
 Filing Date :12/01/2004
 (87) International Publication No :WO 2004/075033
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

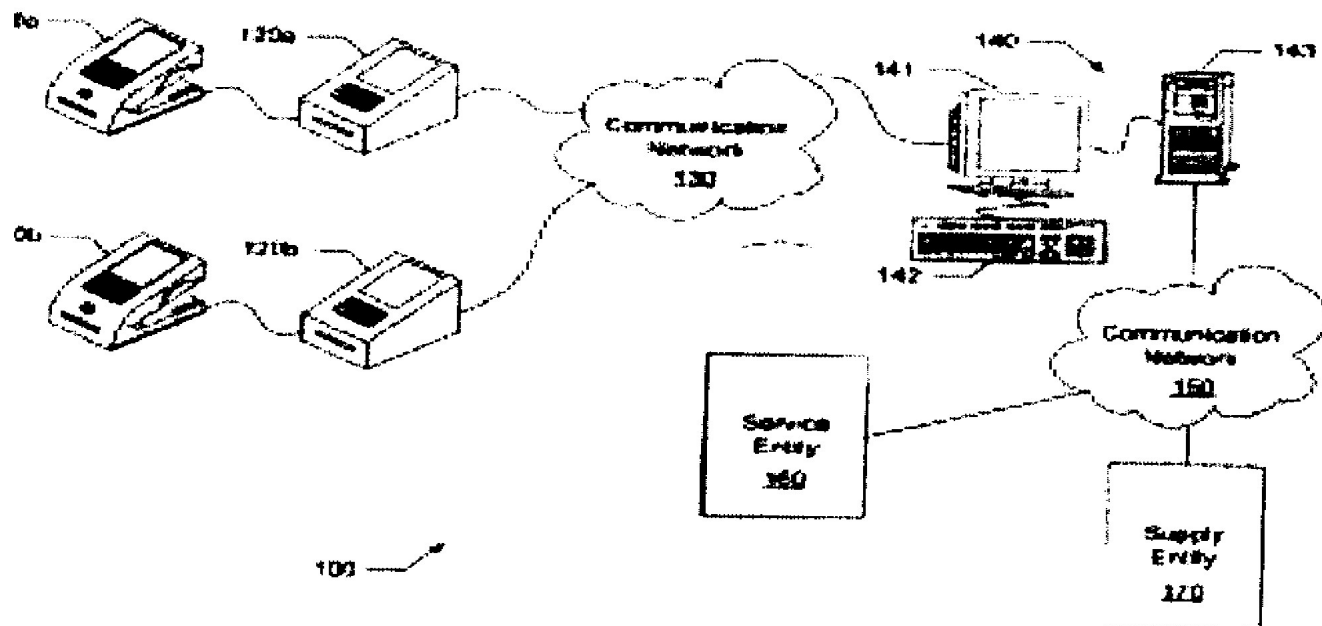
(71)Name of Applicant :
1)FIRST DATA CORPORATION
 Address of Applicant :12500 EAST BELFORD AVENUE,
 ENGLEWOOD, COLORADO 80112-5939, USA. U.S.A.
 (72)Name of Inventor :
1)NELSON, ERIC M.
2)PRICE, JAMES

No of Pages : 21

No of Claims : 32

(57) Abstract :

A point-of-sale device useful in relation to a variety of circumstances and/or utilization methods. Various implementations of such point-of-sale devices are disclosed. For example, one particular point-of-sale device includes an audio player, a video player, and output devices for displaying audio and video. Other devices include a wedge shape design, while yet other devices include photocells for remote powering. Methods for using such devices can include, for example, loading various media objects to a media device.



(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO ISOLATED NUCLEIC ACID MOLECULES

(51) International classification :A61K
 (31) Priority Document No :PP 2492
 (32) Priority Date :20/03/1998
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU99/00195
 Filing Date :19/03/1999
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :IN/PCT/2000/00169/DEL
 Filed on :04/09/2000

(71)Name of Applicant :

1)BENITEC AUSTRALIA LTD.

Address of Applicant :SUITE 4, 242 HAWKEN DRIVE, ST. LUCIA, QUEENSLAND 4000, AUSTRALIA. Australia

2)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

(72)Name of Inventor :

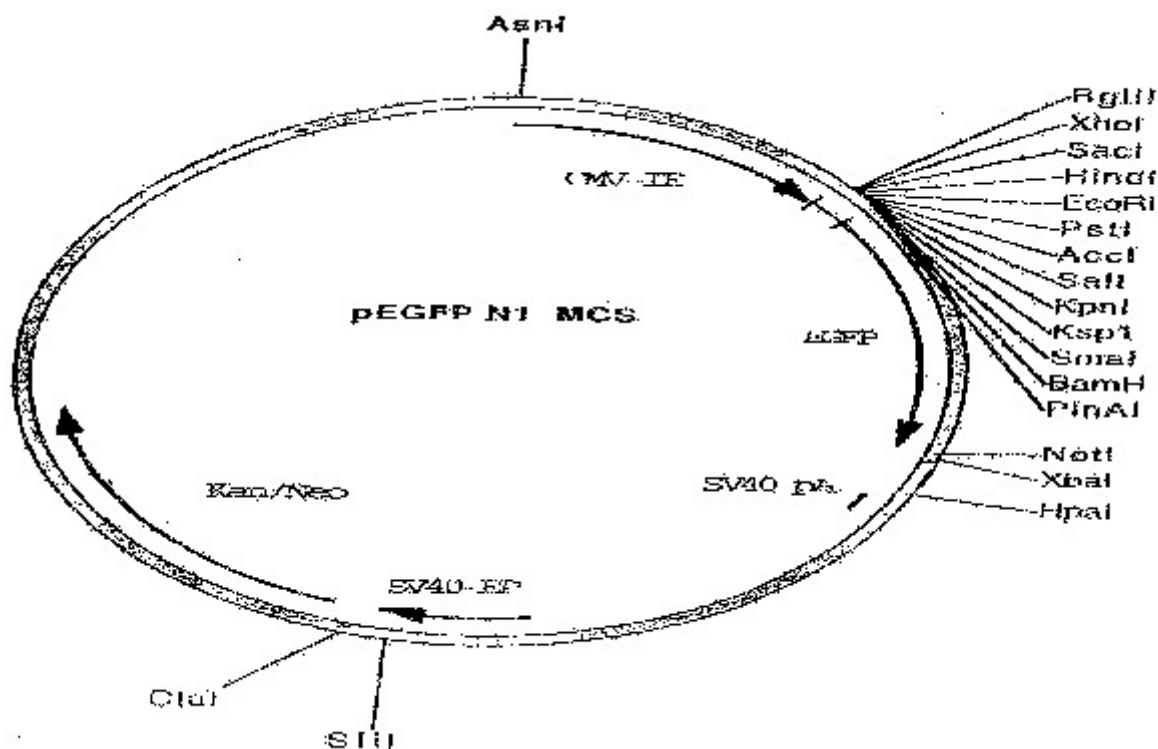
1)GRAHAM, MICHAEL WAYNE**2)RICE, ROBERT NORMAN**

No of Pages : 77

No of Claims : 25

(57) Abstract :

The present invention relates generally to an isolated nucleic acid molecule, method of modifying gene expression and to genetic construct for modifying endogenous gene expression in a cell, tissue or organ of a transgenic organism, in particular a transgenic animal or plant. More particularly, the present invention utilizes recombinant DNA technology to post-transcriptionally modify or modulate the expression of a target gene in a cell, tissue, organ or whole organism, thereby producing novel phenotypes. Novel synthetic genes and genetic constructs which are capable of repressing delaying or otherwise reducing the expression of an endogenous gene or a target gene in an organism when introduced thereto are also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3423/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :02/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "METHOD FOR CONTINUOUSLY PRODUCING PLASTIC TUBES BY BIAxIAL DRAWING AND A PRODUCTION LINE FOR CARRYING OUT SAID METHOD"

(51) International classification	:B29C
(31) Priority Document No	:03/02824
(32) Priority Date	:07/03/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/000501
Filing Date	:03/03/2004
(87) International Publication No	:WO 2004/080682
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALPHACAN

Address of Applicant :12/18 AVENUE DE LA JONCHERE ELYSEE
2, F-78170 LA CELLE SAINT-CLOUD, FRANCE. France

(72)Name of Inventor :

1)BERNARD PREVOTAT

No of Pages : 13

No of Claims : 11

(57) Abstract :

pressure of associated the blank that it is control the The invention relates to a method for continuously producing plastic tubes by biaxial drawing consisting in producing a blank (E) by extrusion, heating said blank to a molecular orientation temperature, radially dilating it by the internal a fluid applied between two axially distant obturator rings (7, 11) and in carrying out a calibration (8) and cooling (9) with an axial tension produced on a tube at the output thereof. A pressure opposite to the internal pressure is applied to wall from the outside in at least one area which is exposed to the radial dilatation. Said opposite pressure is selected such lower than the internal pressure, thereby preventing a counteraction to said dilatation and remaining sufficient in order to dilatation growth in such a way that it is possible to ensure a substantially constant material thickness on the same circumference

(54) Title of the invention : "SYNCHRONIZATION PROGRAM."

(51) International classification :GO6F 15/00 (31) Priority Document No :PCT/JP03/001066 (32) Priority Date :03/02/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP2003/001066 Filing Date :03/02/2003 (87) International Publication No :WO 2004/070616 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)MVP, INC Address of Applicant :3-6, NIHONBASHI-KAYABACHO 2- CHOME, CHUO-KU, TOKYO 103-0025, JAPAN. Japan (72) Name of Inventor : 1)KAWAKITA JUN,

No of Pages : 43

No of Claims : 14

(57) Abstract :

The object is to provide a synchronizsion program for displaying by synchronizing the contents between a plurality of computer terminals. The synchronization program causes the computer terminal to function as a contents acquisition means for acquiring and displaying the contents stored in a storage means upon receipt of a contents display request or a contents update event at the computer terminal, a contents transmitting/receiving means for receiving the contents, in the absence of the requested contents in the storage means , from any other computer terminal than the computer terminal and storing them in the storage means, and an update means for notifying the contents update event to the contents acquisition means. [Selected Drawing]

Fig. 1

(54) Title of the invention : "INCUBATION AND/OR STORAGE CONTAINER SYSTEM AND METHOD"

(51) International classification :B01L 3/00
 (31) Priority Document No :10/360,630
 (32) Priority Date :10/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/003656
 Filing Date :10/02/2004
 (87) International Publication No :WO 2004/071663
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

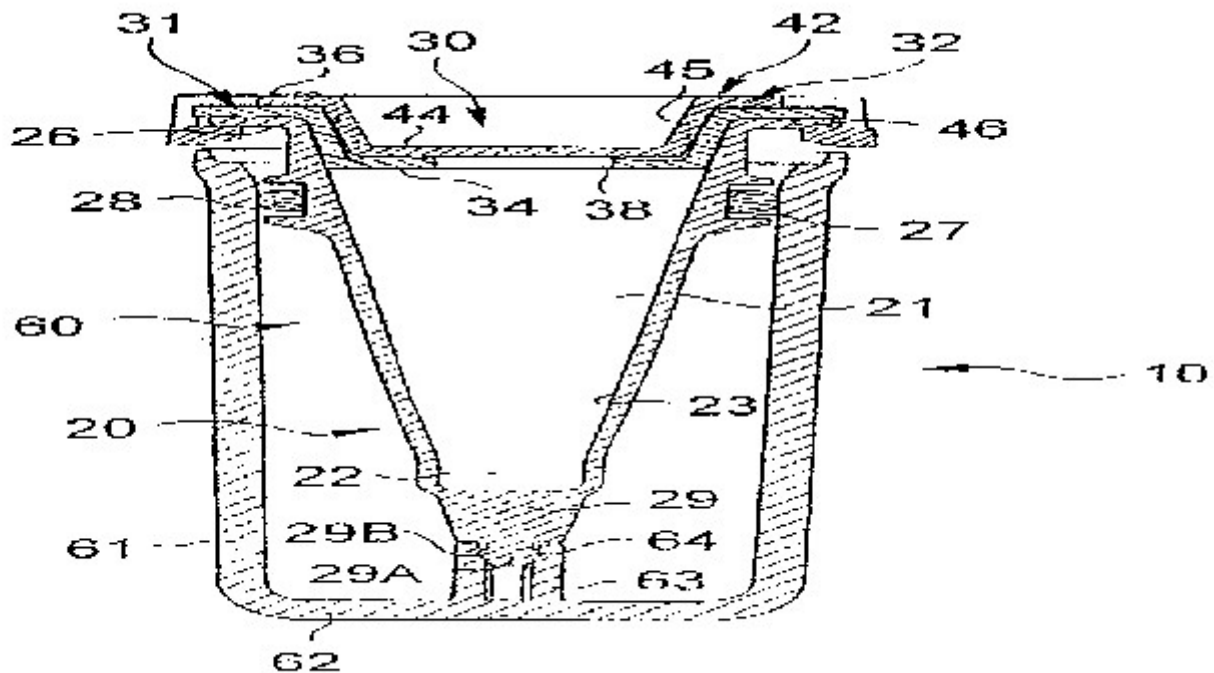
(71)Name of Applicant :
1)MEDELLE CORPORATION
 Address of Applicant :29 SAWYER ROAD, WALTHAM, MA 02453,
 USA U.S.A.
 (72)Name of Inventor :
1)CLAUDE RANOUX
2)JOHN E. WALSH
3)ROBERT W. ETHEREDGE III
4)ROBERT P. MALONEY
5)FRANCIS G. GLEASON, JR.

No of Pages : 34

No of Claims : 60

(57) Abstract :

Abstract: A container assembly (10) comprises a vessel (21) for containing a biological medium, gametes and/or one or more embryo(s). The vessel (21) has a CO₂ permeable seal (28) and a closure device (30) for selective access. A buffer chamber (60) for a CO₂ enriched atmosphere at least partially surrounds the vessel and is defined by a shell (61). The buffer chamber is in communication with the CO₂ permeable wall. Such a container assembly is particularly adapted for IVC in which case the permeable seal (28) prevents ingress of vaginal secretions. The buffer chamber (60) mediates the aqueous pH in the vessel after the container as-sembly is removed from a CO₂ enriched environment.



(54) Title of the invention : "BICYCLIC CARBOHYDRATE COMPOUNDS USEFUL IN THE TREATMENT OF INFECTIONS CAUSED BY FLAVIVIRIDAE SP., SUCH AS HEPATITUS C AND BOVINE VIRAL DIARRHEA VIRUSES"

(51) International classification :A61K
 (31) Priority Document No :60/438,475
 (32) Priority Date :07/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2003/041720
 Filing Date :22/12/2003
 (87) International Publication No :WO 2004/062575
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KEMIN PHARMA L.C

Address of Applicant :2100 MAURY STREET, DES MOINES, IA 50309 (US) U.S.A.

(72)Name of Inventor :

1)SAS, BENEDIKT**2)VAN HEMEL, JOHAN****3)VANDENKERCKHOVE JAN****4)PEYS, ERIC****5)VAN DER EYCKEN, JOHAN****6)RUTTENS, BART****7)BALZARINI, JAN****8)DECLERCQ, ERIK****9)NUYTS, JOHAN**

No of Pages : 21

No of Claims : 9

(57) Abstract :

We describe the use of bicyclic carbohydrates for the treatment of hepatitis C virus infections. Different bicyclic carbohydrates were tested in vitro against DNA-viruses. Retro-viruses and Flaviviridae sp., an important family of human and animal RNA pathogens. Significant activity was observed against the bovine viral diarrhea virus (BVDV). As pestiviruses, such as BVDV, share many similarities with hepatitis C virus (HCV), the bicyclic carbohydrates in general and the preferred bicyclic carbohydrates more specifically are expected to be a treatment for hepatitis C viral infections.

(54) Title of the invention : ROTOR CONTROLLED TRANSMISSION

(51) International classification	:F16H 29/04
(31) Priority Document No	:03/1147
(32) Priority Date	:12/02/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/ZA2003/000151
Filing Date	:15/10/2003
(87) International Publication No	:WO 2004/072511
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VIRIBOX (PTY) LIMITEDAddress of Applicant :12 AREND ROAD,WINDSOR
GLEN,RANDBURG,2194,SOUTH AFRICA, South Africa

(72)Name of Inventor :

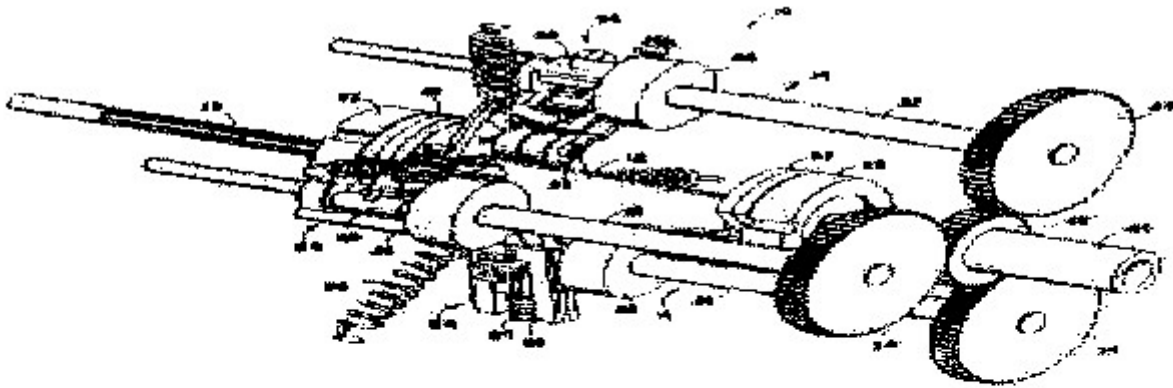
1)NAUDE,,JOHANNES JACOBUS

No of Pages : 47

No of Claims : 20

(57) Abstract :

A rotor controlled CVT comprising: input and output shafts (28,44), an elongated cam-shaped rotor (12) which is uniformly and linearly tapered over its length and is engaged for rotation with the input shaft, a plurality of cam follower units (54) which are located in structure about and are reciprocated by the rotor and include rollers (56) having treads which bear and rotate in circumferential paths on the rotor surface, angular velocity extraction devices (38) which are each engageable and partially rotated by a cam follower, means (14) for causing the extraction devices to collectively produce an output velocity at the output shaft, means for causing relative movement between the rotor and cam followers to vary the ratio of rotation between the input and output shafts, and means for keeping the roller treads in contact with the roller surface. The roller treads are in line contact with the rotor surface.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3497/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :08/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PROCESS FOR THE PRODUCTION OF PARTICLES"

(51) International classification	:B01D 9/00	(71) Name of Applicant :
(31) Priority Document No	:0304037.5	1)THE UNIVERSITY OF BATH
(32) Priority Date	:21/02/2003	Address of Applicant :CALVERTON DOWN,BATH BA2
(33) Name of priority country	:U.K.	7AY,GREAT BRITAIN U.K.
(86) International Application No	:PCT/GB2004/000654	(72) Name of Inventor :
Filing Date	:19/02/2004	1)PRICE, ROBERT
(87) International Publication No	:WO 2004/073827	2)KAERGER JOERG, SEBASTIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 20

(57) Abstract :

A process for the production of particles comprises the steps of formation of a solution of a desired substance in a suitable solvent; ii) generation of an aerosol from the solution of said substance; iii] collection of the aerosol droplets in a vessel containing a non-solvent of said substance; and iv) application of ultrasound to the droplets dispersed in the non-solvent to effect crystallisation of said substance. The particles produced find application in for example pharmaceutical and agrochemical formulations, especially in inhalation formulations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3502/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/11/2004

(43) Publication Date : 01/06/2007

(54) Title of the invention : GENE VARIANTS OF SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION-6 (STAT 6) VARIANTS AND PROCESS OF DETECTION THE SAME.

(51) International classification	:C12Q 1/68
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN04/00081
Filing Date	:31/03/2004
(87) International Publication No	:N.A.
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :RAFI MARG, NEW DELHI-110 001, INDIA.
Delhi India
(72)**Name of Inventor :**
1)BALRAM GHOSH
2)RANA NAGARKATTI
3)CHANDRIKA B-RAO

No of Pages : 49

No of Claims : 105

(57) Abstract :

The present invention relates to allelic variants of the human Signal Transducer and Activator of Transcription-6 (STAT6) gene and provides primers and methods suitable for the detection of these allelic variants for applications such as molecular diagnosis, prediction of an individual's disease susceptibility, and /or the genetic analysis of the STAT6 gene in a population. Specifically, the invention provides a method for detection of predisposition to atopic disorders/other immunological disorders such as, autoimmune disorders, inflammatory disorders, fibrosis, etc. where STAT6 plays an important role by screening for human Signal Transducer and Activator of Transcription-6 (STAT 6) gene variants.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3568/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :11/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "FORMATION OF METALLIC THERMAL BARRIER ALLOYS."

(51) International classification	:C22C
(31) Priority Document No	:60/446,610
(32) Priority Date	:11/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/004026
Filing Date	:11/02/2004
(87) International Publication No	:WO 2004/072313
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE NANOSTEEL COMPANY ,
Address of Applicant :MAITLAND PROMENADE,485 NORTH
KELLER ROAD, SUITE 100, MAITLAND, FLORIDA 32751, U.S.A.
U.S.A.
(72)**Name of Inventor :**
1)BRANAGAN DANIEL JAMES,

No of Pages : 9

No of Claims : 10

(57) Abstract :

Metal alloys having low electrical and thermal conductivity including relatively large fractions of P-Group element additions. The P-Group elements may be selected from the group including phosphorous, carbon, boron, and silicon. The resultant alloys do not exhibit significantly increased brittleness, and are applied as a coating that provides a metallic thermal barrier coating.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3585/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :12/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "PROCESS FOR PREPARING DIDEOXYINOSINE USING ADENOSINE DEAMINASE ENZYME"

(51) International classification :C12Q		(71)Name of Applicant : 1)BRISTOL- MYERS SQUIBB COMPANY Address of Applicant :DELAWARE OF P.O. BOX 4000, ROUTE 206 AND PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 084543-4000, USA. U.S.A.
(31) Priority Document No	:60/451,842	
(32) Priority Date	:04/03/2003	(72)Name of Inventor : 1)PAUL M. SKONEZNY 2)MICHAEL POLITINO 3)SUO W. LIU 4)ALFRED W. BOYLE 5)JASON G. CHEN 6)GREGORY L. STEIN 7)THOMAS FRANCESCHINI 8)WENDY L. ANDERSON
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/006103	
Filing Date	:27/02/2004	
(87) International Publication No	:WO 2004/078993	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 21

(57) Abstract :

A method of making didanosine (ddl) including the steps of: (a) obtaining an enzyme expressing ddA deaminase activity; (b) immobilizing the enzyme onto an insoluble support; (c) contacting the enzyme with a dideoxyadenosine (ddA) solution of at least about 4% weight volume ddA in water for a time and under conditions to produce a ddl solution; and (d) isolating the ddl from the ddl solution. Optionally, the ddl mother liquor is reused in subsequent runs to improve yield.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3601/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR SECURE COMMUNICATIONS AND RESOURCE SHARING BETWEEN ANONYMOUS NON-TRUSTING PARTIES WITH NO CENTRAL ADMINISTRATION"

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:60/442,328	1)COCO COMMUNICATIONS CORP.
(32) Priority Date	:24/01/2003	Address of Applicant :101 ELLIOTT AVENUE WEST, SUITE 410,
(33) Name of priority country	:U.S.A.	SEATTLE, WA 98119, U.S.A. U.S.A.
(86) International Application No	:PCT/US2004/001458	(72)Name of Inventor :
Filing Date	:21/01/2004	1)BRUESTLE, JEREMY
(87) International Publication No	:WO 2004/068722	2)TUCKER, MARK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 15

(57) Abstract :

A unifying network model with a structure and architecture configured to address security, interoperability, mobility, and resource management, including priority and quality of services is provided. The network of the network model is structured as a hierarchical mesh network, with dynamically generated routing tables. The configuration of the network model optimizes routing and distributes communication load. Every device on the network is capable of being both an endpoint and a forwarder of communications. The network model may include underlying networks that are represented with one of two models, the link model or the star model. The nodes are organized in a hierarchical relationship structure to optimize throughput. The model may include a cryptographic method of dynamically assigning local network addresses.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3603/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : USE OF ARTEMISININ FOR TREATING TUMORS INDUCED BY ONCOGENIC VIRUSES AND FOR TREATING VIRAL INFECTIONS

(51) International classification	:A61K 31/335
(31) Priority Document No	:60/446,743
(32) Priority Date	:12/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/004067
Filing Date	:12/02/2004
(87) International Publication No	:WO 2004/071506
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GEORGETOWN UNIVERSITY
Address of Applicant :OFFICE OF TECHNOLOGY LICENSING,
BOX 571408, WASHINGTON, DC 20057-1408, USA. U.S.A.

(72)**Name of Inventor :**
1)SCHLEGEL, RICHARD
2)HARTMANN, DAN-PAUL
3)BAEGE, ASTRID

No of Pages : 25

No of Claims : 29

(57) Abstract :

In certain aspects, the invention relates to methods of treating proliferative cervical disorders (such as cervical cancer and cervical dysplasia) and treating virus infections by administering artemisinin-related compounds. In certain aspects, the invention relates to methods of treating a tumor induced by an oncogenic virus, methods of killing or inhibiting a squamous cell carcinoma, and methods of inhibiting the replication of a virus, by administering artemisinin-related compounds.

(54) Title of the invention : "HETEROARYLCARBAMOYLBENZENE DERIVATIVE"

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:P2003-400882	1)BANYU PHARMACEUTICAL CO. LTD.
(32) Priority Date	:26/02/2004	Address of Applicant :2-3, NIHOMBASHI-HONCHO 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 103-8416 JAPAN. Japan
(86) International Application No	:PCT/JP2004/002284	(72)Name of Inventor :
Filing Date	:26/02/2004	1)INO, TOMOHARU
(87) International Publication No	:NA	2)HASHIMOTO, NORIAKI
(61) Patent of Addition to Application Number	:NA	3)NAKASHIMA, HIROSHI
Filing Date	:NA	4)TAKAHASHI, KEIJI
(62) Divisional to to Application Number	:NA	5)NISHIMURA, TERUYUKI
Filing Date	:NA	6)EIKI, JUN-ICHI

No of Pages : 423

No of Claims : 32

(57) Abstract :

Compounds having glucokinase activating effects and being useful as treatments for diabetes, which are represented by the following wherein X1 represents oxygen, etc., X2 represents oxygen, etc., R1 represents a group on Ring A such as alkylsulfonyl, etc., R2 represents C3-7 cyclic alkyl optionally substituted with a halogen, etc., R3 represents a substituent on Ring B such as lower alkyl, etc., formula (II): represents 6- to 10-membered aryl, etc., and formula (III) : represents monocyclic or bicyclic heteroaryl optionally having on Ring B a substituent represented by R3 above, wherein the carbon atom of Ring B which is bonded to the nitrogen atom of the amide group in formula (I) forms a C=N bond with the nitrogen atom of the ring], as well as their pharmaceutically acceptable salts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3618/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :16/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "BICYCLIC HETEROCYCLES,PHARMACEUTICAL COMPOSITIONS CONTAINING THESE COMPOUNDS,THEIR USE AND PROCESSES FOR PREPARING THEM"

(51) International classification	:C07D 239/94
(31) Priority Document No	:103 07 165.2
(32) Priority Date	:20/02/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/001398
Filing Date	:14/02/2004
(87) International Publication No	:WO 2004/074263
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

Address of Applicant :GERMAN COMPANY,OF BINGER STRASSE
173,55216 INGELHEIM/RHEIN,GERMANY. Germany

(72)Name of Inventor :

1)FLAVIO SOLCA

2)FRANK HIMMELSBACH

No of Pages : 39

No of Claims : 10

(57) Abstract :

The invention relates to bicyclic heterocycles of general formula (I), wherein R', Rh, R°, Rd, Rc, and X have the definitions indicated in claim 1, the tautomers, stereoisomers, mixtures, and salts thereof, especially the physiologically acceptable salts thereof containing inorganic or organic acids having valuable pharmaceutical properties, especially an inhibiting effect on signal transduction mediated by tyrosine kinases, the use thereof for treating diseases, especially cancer diseases and benign prostatic hyperplasia (BPH), diseases of the lungs and respiratory tract, and the

(54) Title of the invention : "SEPARATION TRAY"

(51) International classification :B01D 45/16 (31) Priority Document No :03075502.9 (32) Priority Date :21/02/2003 (33) Name of priority country :EUROPEAN UNION (86) International Application No :PCT/EP2004/050152 Filing Date :18/02/2004 (87) International Publication No :WO 2004/073836 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :CAREL VAN BYLANDTLAAN 30,2596 HR THE HAGUE, THE NETHERLANDS. Netherlands (72) Name of Inventor : 1)KONIJN GERRIT

No of Pages : 23

No of Claims : 17

(57) Abstract :

A separation tray for mounting in a vertical column, which separation tray comprises horizontal upper and lower walls defining an inner space between them and at least one primary separation device for separating fluid into primary gas and liquid-enriched fluid, which primary separation device comprises: a vertical tubular conduit having at its lower end an inlet for fluid, and at its upper end an outlet conduit for primary gas extending to a primary gas outlet opening in the upper wall; a swirl-imparting means arranged in the conduit so as to form of a layer of liquid-enriched fluid in an annular region adjacent the inner surface of the conduit downstream of the swirl-imparting means, which liquid-enriched fluid comprises secondary gas; and which separation tray further comprises a means for removing and guiding liquid-enriched fluid from the primary separation device to a secondary separation means for removing entrained liquid from secondary gas, wherein the secondary separation means is formed by the free inner space between the upper and lower walls, which free inner space has in its lower part an outlet for liquid and in its upper part an outlet for secondary gas, which extends to a secondary gas outlet opening in the upper wall separate from the primary gas outlet opening, and wherein the means for removing and guiding liquid-enriched fluid is arranged to admit the liquid-enriched fluid downwardly into the free inner space.

(54) Title of the invention : "CRYOGENIC CONDENSATION SYSTEM"

(51) International classification	:F25J 1/00
(31) Priority Document No	:09/931,901
(32) Priority Date	:20/08/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/25833
Filing Date	:15/08/2002
(87) International Publication No	:WO 03/016803
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)PRAXAIR TECHNOLOGY, INC.
 Address of Applicant :39 OLD RIDGEBURY ROAD, DANBURY,
 CONNECTICUT 06810-5113, USA. U.S.A.

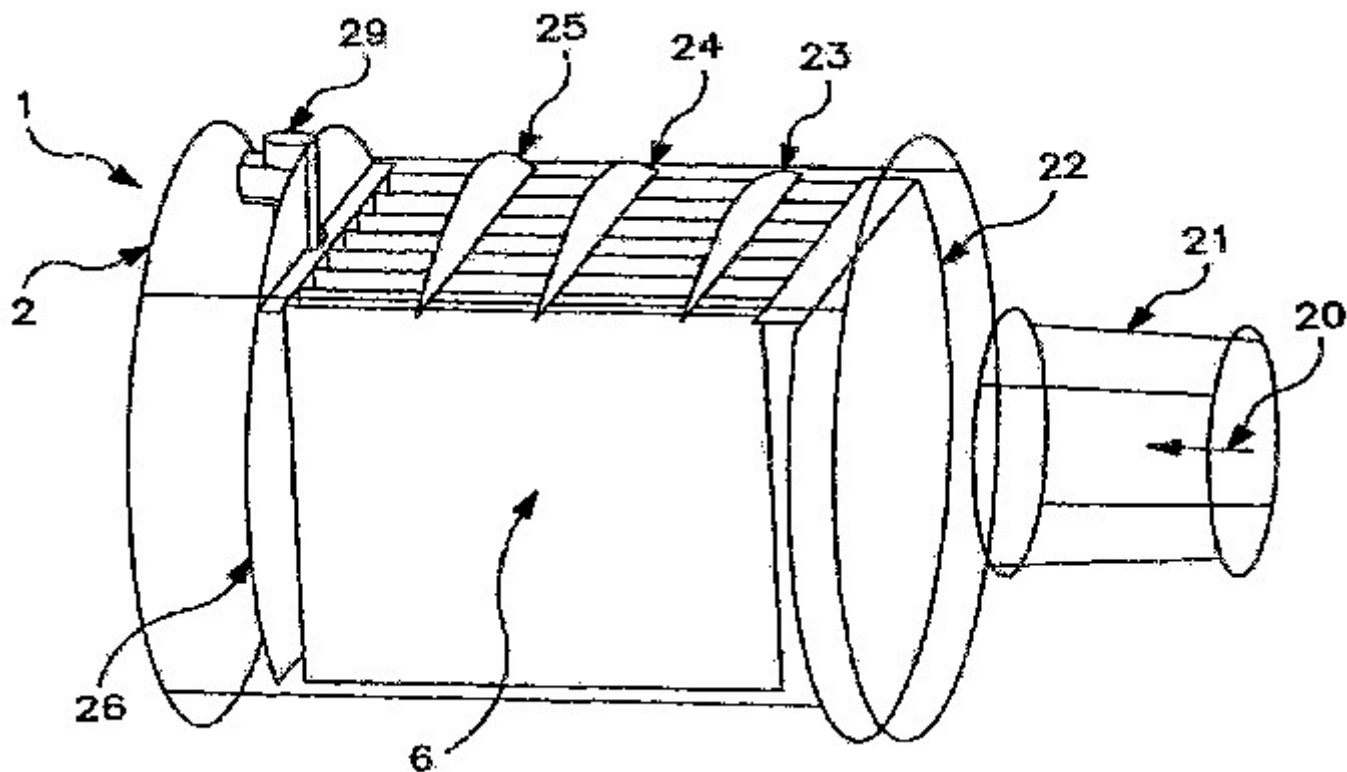
(72)Name of Inventor :
1)ALAN CHENG
2)SIMON HO

No of Pages : 13

No of Claims : 10

(57) Abstract :

A method and condenser apparatus (1) for cleaning a gas (20) of condensable vapor employing a cryogenic liquid (3) which is caused to boil evenly along the condenser length and wherein the gas flow through the condenser is in the downward direction in evenly divided flows (27) countercurrently to the flow of boiled cryogen (11).



(54) Title of the invention : "VERIFIABLE SECRET SHUFFLES AND THEIR APPLICATION TO ELECTRONIC VOTING"

(51) International classification :G07C 13/00
 (31) Priority Document No :09/816,869
 (32) Priority Date :24/03/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US02/09264
 Filing Date :25/03/2002
 (87) International Publication No :WO 02/077929
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)VOTEHERE, INC.
 Address of Applicant :155-108th AVENUE N.E. SUITE 425
 BELLEVUE, WASHINGTON 98004, USA. U.S.A.
 (72)**Name of Inventor :**
1)ANDREW C. NEFF

No of Pages : 48

No of Claims : 30

(57) Abstract :

We present a mathematical construction, which provides a cryptographic protocol to uniformly shuffle a sequence of k modular integers, and discuss its application to secure, universally verifiable, multi-authority election schemes. The output of the shuffle operation is another sequence of k modular integers, each of which is the same secret power of a corresponding input element, but the order of elements in the output is kept secret. Though it is a trivial matter for the "shuffler" (who chooses the permutation of the elements to be applied) to compute the output from the input, the construction is important because it provides a linear size proof of correctness for the output sequence (i.e. a proof that it is of the form claimed) that can be checked by one or more arbitrary verifiers. The protocol is shown to be honest-verifier zero-knowledge as a special case, and is computational zero-knowledge in general. On the way to the final result, we also construct a generalization of the well known Chaum-Pedersen protocol for knowledge of discrete logarithm equality ([31], [2]). In fact, the generalization specializes exactly to the Chaum-Pedersen protocol in the case $k = 2$. This result may be of interest on its own. An application to electronic voting is given that matches the features of the best current protocols with significant efficiency improvements. An alternative application to electronic voting is also given that introduces an entirely new paradigm for achieving Universally Verifiable elections.

(54) Title of the invention : "METHOD AND DEVICE FOR EXTINGUISHING FIRES IN LIQUID FUEL STORAGE TANKS"

(51) International classification :A62C 3/06
 (31) Priority Document No :10/349,742
 (32) Priority Date :22/01/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/MX2003/000098
 Filing Date :11/11/2003
 (87) International Publication No :WO 2004/064926
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)VIASA INCORPORATED S.A. DE C.V.Address of Applicant :PRIVADA LIENDO #705, COLONIA
OBISPADO, 64060 MONTERREY, NUEVO LEON MEXICO. Mexico

(72)Name of Inventor :

1)DE ANDA URIBE VICTOR MANUEL**2)AYALA ORTIZ IGNACIO LUIS****3)NAGASWAMI NIKHIL S.****4)BALDERAS AYALA MANUEL GERARDO****5)CARDENAS SILLER FERNANDO****6)SERNA GARZA FERNANDO****7)GUTIERREZ ORTEGA GERARDO**

No of Pages : 39

No of Claims : 47

(57) Abstract :

An fire-fighting system for arresting a fire in a flammable or combustible liquid storage vessel comprising a portable discharging apparatus and a portable installation apparatus. The portable discharging apparatus receives a fire-fighting agent from a supply hose and applies the fire-fighting agent to arrest a fire in a storage vessel. The portable discharging apparatus can be attached to a distal end of the portable installation apparatus so that the portable discharging apparatus can be mounted on a storage vessel. Furthermore, a plurality of portable discharging apparatuses can be mounted on a single storage vessel, using the same portable installation apparatus, to provide a large amount or a variety of fire-fighting agents or to provide fire-fighting agents at a specific location on the storage vessel. The portable installation apparatus can be extended to a variety of lengths so that it can mount a portable discharging apparatus on a differently sized storage vessels.

(54) Title of the invention : "METHOD FOR PREPARING POLYMORPHISM OF IRINOTECAN HYDROCHLORIDE"

(51) International classification	:C07D 491/22	(71)Name of Applicant :
(31) Priority Document No	:2003-046908	1)KABUSHIKI KAISHA YAKULT HONSHA
(32) Priority Date	:25/02/2003	Address of Applicant :1-19, HIGASHI SHINBASHI 1-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 105-8660, JAPAN, Japan
(86) International Application No	:PCT/JP2004/002126	(72)Name of Inventor :
Filing Date	:24/02/2004	1)HIDEAKI SHIMIZU,
(87) International Publication No	:WO 2004/076460	2)ATSUHIRO ABE,
(61) Patent of Addition to Application Number	:NA	3)TAKASHI YAEGASHI
Filing Date	:NA	4)SEIGO SAWADA
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 3

(57) Abstract :

A method for preparing a novel crystalline polymorphic irinotecan hydrochloride which is excellent in the solubility in water and reduced in the content of impurities is provided. A method for preparing c-type crystals of irinotecan hydrochloride having diffraction peaks (20) at 9.15°, 10.00°, 11.80°, 12.20°, 13.00° and 13.40° in the powder X-ray diffractometry characterized by mixing irinotecan with one or more solvents selected from the group consisting of acetone, acetonitrile and tetrahydrofuran, adding hydrochloric acid, and collecting the formed crystals.

(54) Title of the invention : "AMINOHETEROARYL COMPOUNDS AS PROTEIN KINASE INHIBITORS"

(51) International classification :C07D
 (31) Priority Document No :60/449,588
 (32) Priority Date :26/02/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/005495
 Filing Date :26/02/2004
 (87) International Publication No :WO 2004/076412
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SUGEN, INC.,

Address of Applicant :230 EAST GRAND AVENUE, SOUTH SAN FRANCISCO.CA 94080, U.S.A. U.S.A.

(72)Name of Inventor :

1)JINGJONG JEAN CUI

2)DILIP BHUMRALKAR

3)IRINY BOTROUS

4)JI YU CHU

5)LEE A. FUNK

6)CATHLEEN ELIZABETH HANAU

7)G.DAVID HARRIS, JAR.,

8)LEI JIA

9)JOANNE JOHNSON

10)STEPHEN A. KOLODZIEJ

11)PEI-PEI KUNG

12)XIAOYUAN (SHARON) LI

13)JASON (QISHEN) LIN

14)JERRY JIALUN MENG

15)MITCHELL DAVID NAMBU

16)CHRISTOPHER G. NELSON

17)MASON ALAN PAIRISH

18)HONG SHEN

19)MICHELLE TRAN-DUBE

20)ALLISON WALTER

21)FANG-JIE ZHANG

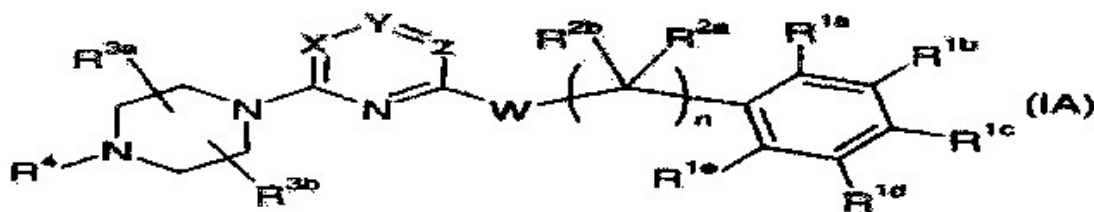
22)JENNIFER ZHANG

No of Pages : 311

No of Claims : 48

(57) Abstract :

Compounds of Formula (1A) that act as 5-HT receptor ligands and their uses in the treatment of diseases linked the activation of 5-1 IT2 receptors in animals are described herein.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3741/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :23/08/2005

(43) Publication Date : 01/06/2007

(54) Title of the invention : "ROLLUP DOOR WITH ROLLABLE DOOR LEAF"

(51) International classification	:E06B 9/17
(31) Priority Document No	:10/372, 495
(32) Priority Date	:24/02/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2003/034166
Filing Date	:29/10/2003
(87) International Publication No	:WO 2004/076795
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALBANY INTERNATIONAL CORP.
Address of Applicant :1373 BROADWAY,ALBANY,NEW YORK
12204,U.S.A. U.S.A.
(72)**Name of Inventor :**
1)FREDE, FRIEDHELM

No of Pages : 20

No of Claims : 38

(57) Abstract :

A rollup dpor comprising a door leaf of increasing width from top to bottom and having a narrower part on the top and a wider part on the bottom, and flexibility in the rolling direction; channels for guiding the door; and two modules for rolling and unrolling the door leaf so that a number of leaf layers do not come in contact. The ^ modules are situated on each side of the door, have the same center axes and are successive radially enlarged so that on opening and closing of the door, the narrower and wider parts of the leaf engage the smaller and larger parts respectively of the modules.

(54) Title of the invention : "STRAIGHTENING BENCH OF THE CAR BODY"

(51) International classification	:B21D 1/12	(71)Name of Applicant :
(31) Priority Document No	:20030295	1)AUTOROBOT FINLAND OY
(32) Priority Date	:26/02/2003	Address of Applicant :YRITTAJANTIE 23, FI-70150 KUOPIO,
(33) Name of priority country	:Finland	FINLAND. Finland
(86) International Application No	:PCT/FI2004/000095	(72)Name of Inventor :
Filing Date	:25/02/2004	1)VENALAINEN, OLAVI
(87) International Publication No	:WO 2004/076091	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 8

(57) Abstract :

The present invention relates to a straightening bench of the car body, which comprises a straightening table (1) of a car, to which the car is attached, a straightening tower (2,3) attached to the straightening table, a pulling element (4) for a straightening pull, which pulling element is possible to be attached to the straightening tower as well as attached to the car body for straightening pull of a car, and a transfer device (5) attached to the straightening tower for moving the pulling element. The straightening bench in accordance with the invention comprises an outer tower (6) to be connected to a straightening table, an inner tower (7) to be detachably attached to it and to be moved in regard to it, to which inner tower the straightening tower has been attached and a slide (8) connected to a transfer device and placed to the inner tower and which is to be moved in regard to it by means of a transfer device, to which slide a pulling element (4) has been attached and which side has been arranged to move the pulling element and which side is possible to be attached to the inner tower in order to move it and the straightening tower in regard to the outer tower.

(54) Title of the invention : "A FIRMLY ASSEMBLED AXE OR HAMMER"

(51) International classification	:B25G 3/28	(71)Name of Applicant :
(31) Priority Document No	:03204104.7	1)LUO, SHUSEN
(32) Priority Date	:18/02/2003	Address of Applicant :YONGXING RUBBERWARE AND PLASTIC
(33) Name of priority country	:China	FACTORY, MAZHUANG TOWN, FEI COUNTY, SHANDONG 273413,
(86) International Application No	:PCT/CN2003/000842	CHINA China
Filing Date	:30/09/2003	(72)Name of Inventor :
(87) International Publication No	:WO 2004/073934	1)LUO, SHUSEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 11

(57) Abstract :

An axe or hammer includes axe head or hammer head with assembling blind hole and a handle, wherein the bottom part of the assembling blind hole is inverted tapered shape, and the part of the assembling blind hole, which is away from the bottom part of the assembling blind hole and is above the middle part and below the top part of the assembling blind hole, has a tubular shape. In the assembling blind hole there is an inverted wedge whose shape corresponds with the shape of the blind hole, the handle is tubular, whose front part for assembling locates between the blind hole and the inverted taper part of the wedge. In this invention, because the front part locates between the blind hole and the inverted taper part of the wedge, in the course of assembling axe head or hammer head and the handle, due to inverted wedge producing great compressing force, the axe' or hammer's resistance to separating is increase with great extent, its reliability is also enhanced, and the life of validity is prolonged over 2 times than the known axe or hammer.

(54) Title of the invention : "A METHOD OF PRODUCING STEEL"

(51) International classification :B22D 11/06
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/AU01/01215
 Filing Date :28/09/2001
 (87) International Publication No :WO 02/26422
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

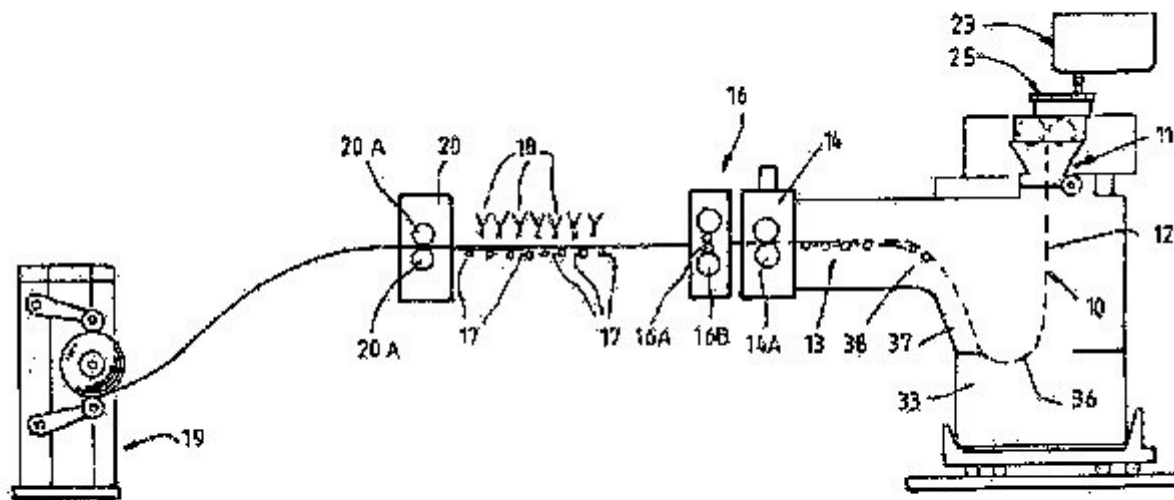
(71)Name of Applicant :
1)NUCOR CORPORATION
 Address of Applicant :2100 REXFORD ROAD, CHARLOTTE,
 NORTH CAROLINA 28211, USA U.S.A.
 (72)Name of Inventor :
1)MUKUNTHAN, KANNAPPAR
2)STREZOV, LAZAR
3)MAHAPATRA, RAMA
4)BLEJDE, WALTER

No of Pages : 16

No of Claims : 28

(57) Abstract :

Steel strips and methods for producing steel strips are provided. In an illustrated embodiment, a method includes continuously casting molten low carbon steel into a strip of no more than 5 mm thickness having austenite grains that are coarse grains of 100-300 micron width; and providing desired yield strength in the cast strip by cooling the strip to transform the austenite grains to ferrite in a temperature range between 850 °C and 400 °C at a selected cooling rate of at least 0.01 °C/sec to produce a microstructure that provides a strip having a yield strength of at least 200 MPa. The low carbon steel produced desired microstructure.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00171/CAL/2002

A

(22) Date of filing of Application: 26/02/2002

(43) Publication Date: 01/06/2007

(54) Title of the invention: : "LIGHTING APPARATUS USING MICROWAVE ENERGY"

(51) International classification : H05B 41/16

(31) Priority Document No : 11965/2002

(32) Priority Date : 06/03/2002

(33) Name of priority country : KOREA

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

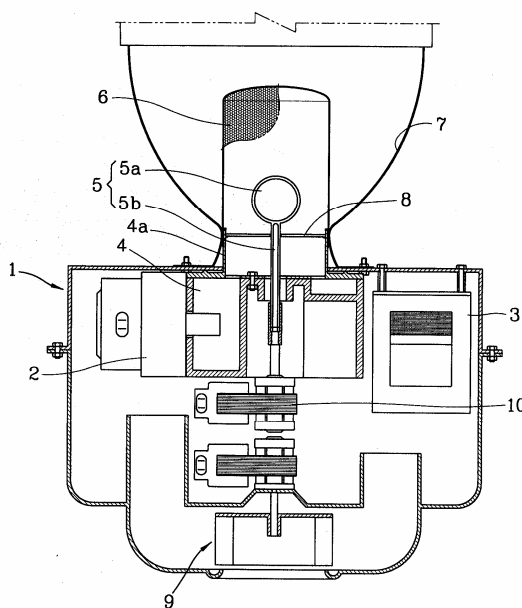
Filed on : NIL

(71) Name of Applicant: LG ELECTRONICS INC.,
Address of the Applicant: 20, YOIDO-DONG,
YONGDUNGPO-KU, SEOUL, KOREA

(72) Name of the Inventor: BAE YOUNG-JIN

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: In a lighting apparatus, a lighting apparatus using microwave energy includes a magnetron for generating microwave energy, a bulb for generating lights by the microwave energy, a wave guide for connecting the magnetron and the bulb and transmitting the microwave energy generated in the magnetron to the bulb, and a casing housing the magnetron and the wave guide inside and combining with the bulb, herein the casing housing the magnetron is tightly contacted to the exterior of the magnetron in order to emit heat generated in the magnetron.



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00383/CAL/2002	A
(22)	Date of filing of Application: 24/06/2002	(43)	Publication Date: 01/06/2007	

(54)	Title of the invention:	:	AN IMPROVED PROCESS FOR REDUCING THE DARKENING PROBLEM OF HOT DIP GALVANIZED SHEET SURFACE	

(51)	International classification	:	C25D 5/40	(71)	Name of Applicant: 1. SINGH A.K. 2. JHA G. 3. SHOME M. 4.ROUT T.K., 5.BANDYOPADHYAY N., Address of the Applicant: TATA IRON AND STEEL COMPANY LIMITED, JAMSHEDPUR 831001, INDIA
(31)	Priority Document No	:	N.A		
(32)	Priority Date	:	N.A		
(33)	Name of priority country	:	N.A		
(86)	International Application No and Filing Date:	:	NIL		
(87)	International Publication No	:	NIL		
(61)	Patent of addition to Application No	:	NIL		
	Filed on	:	NIL	(72)	Name of the Inventor:: 1. SINGH A.K. 2. JHA G. 3. SHOME M. 4. ROUT T.K., 5. BANDYOPADHYAY N.
(62)	Divisional to Application No	:	NIL		
	Filed on	:	NIL		

(57) Abstract: A process for reducing the darkening problem of hot-dip, galvanized sheet surface wherein the step, the chromatization comprises in providing a coating on the galvanized sheet of acidic chromate solution containing nitric acid and cobalt nitrate.					

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00593/KOL/2002

A

(22) Date of filing of Application: 18/10/2002

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: HIGH PERFORMANCE FLOCCULANTS BASED ON GUAR-GUM-G-POLYACRYLAMIDE	
(51)	International classification	: C08F 20/00, C08F 6/00	(71) Name of Applicant: INDIAN INSTITUTE OF TECHNOLOGY, Address of the Applicant: KHARGPUR 721 302, WEST BENGAL
(31)	Priority Document No	: N.A	
(32)	Priority Date	: N.A	(72) Name of the Inventor: 1.SINGH PROF R P , 2. BANIK KAUSHIK
(33)	Name of priority country	: N.A	
(86)	International Application No and Filing Date:	: NIL	
(87)	International Publication No	: NIL	Filed U/S 5(2) before The
(61)	Patent of addition to Application No	: NIL	Patents (Amendment)
			Act: 2005:NO
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract: A process for the preparation of graft copolymers for use as a flocculating agent comprising preparing a solution of a guar gum and adding a solution of a catalyst thereto, followed by addition of an acrylamide solution thereto with stirring to obtain the graft copolymer.

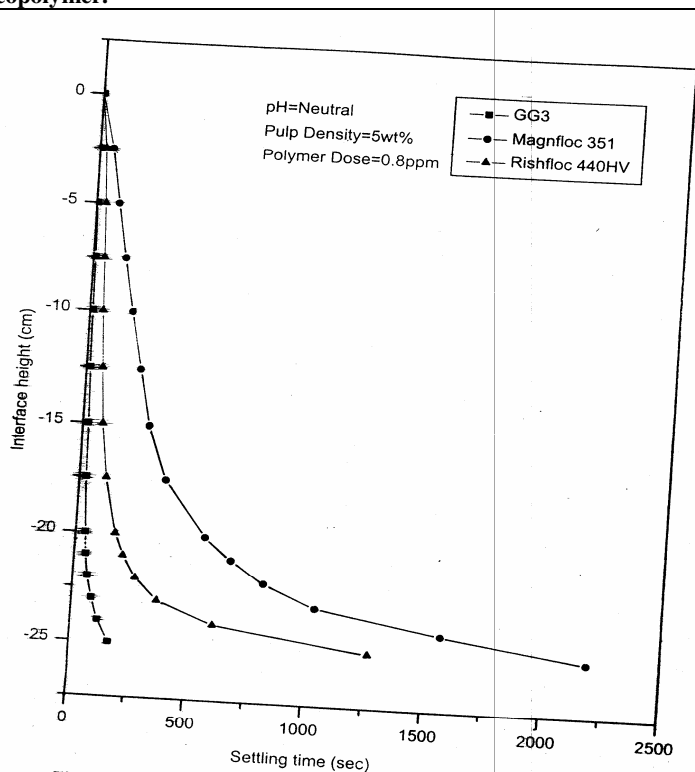


Fig. 1 Settling curves for kaolin suspension using hydrolsed graft copolymer(GG3) and commercial flocculants

(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19)	INDIA	(21)	Application No.: 00028/KOL/2005	A
(22)	Date of filing of Application: C23C14/48	(43)	Publication Date: 01/06/2007	

(54) **Title of the invention:** : **HIGH CHROMIUM COATED GALVANIZED/GAL ANNEALED STEEL SHEET FOR FUEL TANK APPLICATION**

(51)	International classification	: C23C 22/38	(71)	Name of Applicant: THE TATA IRON AND STEEL COMPANY LTD,
(31)	Priority Document No	: N.A		
(32)	Priority Date	: N.A		Address of the Applicant: DEVELOPMENT DIVISION JAMSHEDPUR 831 001 INDIA
(33)	Name of priority country	: N.A		
(86)	International Application No and Filing Date:	: NIL	(72)	Name of the Inventor: 1. SINGH ARUN KUMAR 2. JHA G. 3.RANI NITU, 4. BANDYOPADHYAY N 5. VENUGOPALAN T. 6. SAINI SINGH AVTAR 7. RAJESH N.
(87)	International Publication No	: NIL		
(61)	Patent of addition to Application No	NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL		

(57) Abstract: This invention relates to a method of producing high chromium coated galvanized / gal annealed steel sheet for fuel tank application, said method comprising the steps of: using a steel sheet of required weldability and press formability; depositing a layer of zinc or zinc alloy on both sides of the sheet steel for making zinc coated sheet; and depositing a chromium based chemical conversion coating on said zinc coated sheet.

(FIG. nil)

(12) **PATENT APPLICATION PUBLICATION**

(19)	INDIA	(21)	Application No.: 00099/KOL/2005	A
(22)	Date of filing of Application: 15/02/2005	(43)	Publication Date: 01/06/2007	

(54) **Title of the invention:** : **“A METHOD OF TREATING WASTE WATER CONTAMINATED WITH HIGH SULPHUR AND IRON FINES”**

(51)	International classification	: C02F 3/12	(71)	Name of Applicant: THE TATA IRON AND STEEL COMPANY LIMITED.
(31)	Priority Document No	: N.A		
(32)	Priority Date	: N.A		Address of the Applicant: RESEARCH AND DEVELOPMENT DIVISION JAMSHEDPUR-831 001, INDIA
(33)	Name of priority country	: N.A		
(86)	International Application No and Filing Date:	: NIL	(72)	Name of the Inventor: 1. CHAKRABARTY SHANTANU 2. BASAK SUBRATA 3. SANKAR K.S.
(87)	International Publication No	: NIL		
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) **Abstract:** The present invention discloses a method of treating waste water contaminated with high sulfur and iron fines comprising the steps of introducing organic waste after pretreatment into an aeration tank of a waste water treatment plant, maintaining an aerobic bacterial culture in suspension in said aeration tank, and introducing air into said aeration tank for providing oxygen required for the biological treatment. The organic waste comprises along with other reagents, soil containing thiobacillus ferrooxidans bacteria strain.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.: 00219/KOL/2005

A

(22) Date of filing of Application: 24/03/2005

(43) Publication Date: 01/06/2007

(54) Title of the invention: : CUP & POOL OIL BURNER

(51) International classification : F23D 5/04

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

: NIL

Filed on : NIL

(62) Divisional to Application No : NIL

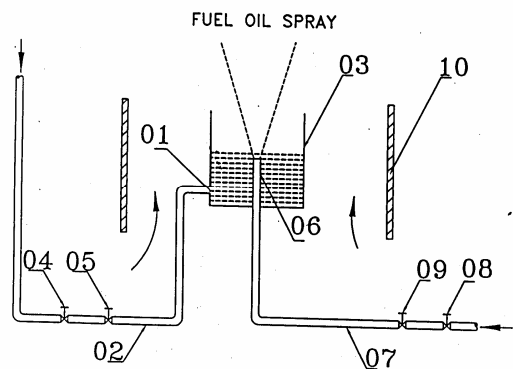
Filed on : NIL

(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,
Address of the Applicant 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, NEW DELHI-110049, INDIA:

(72) Name of the Inventor: 1. MAYANDI, SOUNDARA RAJ
2. SONY RAJAGOPAL KANNAN
3. SHERIFFUDIN NAZIRUDDIN
4. KUNHIRAMAN SIVARAMAKRISHNAN

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: The present Invention discloses a gravity-fed oil fired burner for generation of heat which comprises a burner cup (3) receiving oil from an oil tank disposed at a height higher than the burner cup (3); a first pipe Brie (2) for delivery of oil to the burner cup (3) via an oil entry port (1), an atomizing tube (6) provided in the burner cup (3) for atomizing the oil; a second pipe line (7) configured at an opposite end In respect of the first pipe line (2), and being flowably connected to the burner cup (3) for supply of an atomizing medium. At least one first Isolation valve (4) to Isolate the oil flow followed by a flow control valve (5) to control the oil flow rate is disposed on the oil-flow path, and a regulating valve (9) preceded by a second isolation valve (8) Is provided on the flow path of the atomizing medium. The cup (3) and the tube arrangements (2, 7) are housed In a burner pipe (10).



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00258/KOL/2005

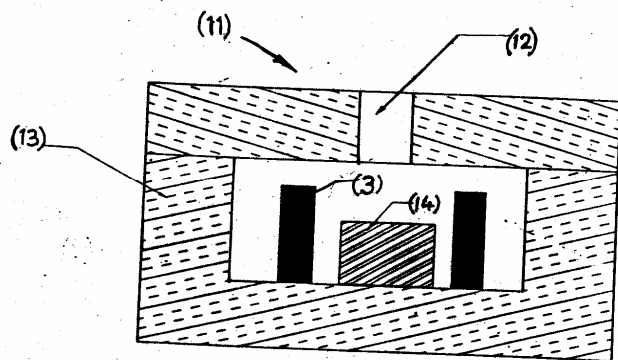
A

(22) Date of filing of Application: 31/03/2005

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: RAPID AND HOMOGENOUS HEAT TREATMENT OF LARGE METALLIC SAMPLE USING HIGH POWER MICROWAVES	
(51)	International classification	: C21D 9/00	(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED Address of the Applicant: 9/1, DJBLOCK 3 RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, NEW DELHI-110049, INDIA:
(31)	Priority Document No	: N.A	
(32)	Priority Date	: N.A	
(33)	Name of priority country	: N.A	(72) Name of the Inventor: 1.SHARMA NIRMAL 2. SINGH KULVIR 3.GURRAM JAIPAL REDDY 4. KATAM SUDHAKAR REDDY 5. GOPALAN SWAMINATHAN
(86)	International Application No and Filing Date:	: NIL	
(87)	International Publication No	: NIL	
(61)	Patent of addition to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract: The present invention discloses a system for heat treatment of large metallic samples, comprising a microwave heating apparatus with wave guide, means for monitoring and measuring temperature holding means for holding the metallic sample. The holding means comprises a casket configuration made of low density alumina fiber board and wrapped with low density alumina fibre material to define a cavity and provided with susceptors along with inner walls of the cavity.



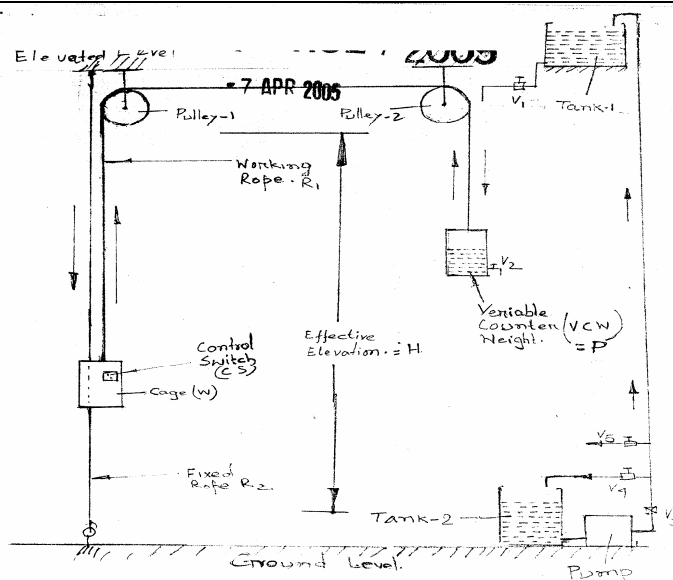
(FIG.2)

(22) Date of filing of Application: 07/04/2005

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: "NON CONVENTIONAL LIFTS/ELEVATORS HAVING VARIABLE COUNTER-WEIGHTS FORMED WITH PUMPABLE LIQUID"
(51)	International classification	: B66B 11/06
(31)	Priority Document No	: N.A
(32)	Priority Date	: N.A
(33)	Name of priority country	: N.A
(86)	International Application No and Filing Date:	: NIL
(87)	International Publication No	: NIL
(61)	Patent of addition to Application No	NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant:	AHINDRA CHANDRA CHOWDHURY
	Address of the Applicant:	B11/11, KMDA BAGHAJATIN HOUSING COMPLEX, MANGALIK CO-OP, HOS. SOC. KOL-700 094
(72)	Name of the Inventor:	AHINDRA CHANDRA CHOWDHURY
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO

(57) Abstract: This invention relates to a lift operating on potential energy comprising of a cage (1) suspended from one end of rope (2), said rope passing over pulley (3), pulley (4) and terminating on top of variable counter weight VCW (5) with outlet valve (V2) which is capable of storing water, water tank (6) with outlet valve (Vi) positioned above the ceiling level, water tank (7) placed on the base level, the outlet of tank (7) being connected to manual pump (8), the outlet of said pump further connected to inlet of tank (6) via pipe line (18) and non-return valve (V3), fixed rope (9) positioned between the ceiling and base and passing through said cage for mechanical braking, said cage having levers (10) for control of valves (Vi, V2), characterized in that the upward or downward movement of the cage is effected through decreasing or increasing the weight of the said VCW by means of changing the amount of water held in said VCW.



Schematic diagram Shows the Simplified Lay-out of a Non Conventional Lift/Elevator having "Variable-Counter-Weight" formed With Pumpable Liquid.

(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00311/CAL/2001

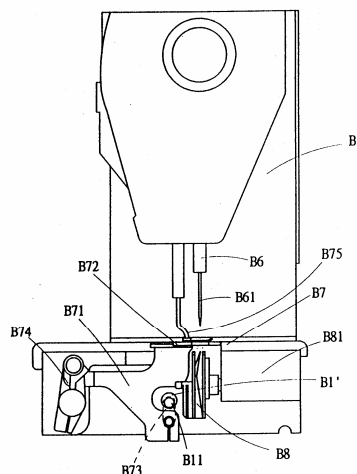
A

(22) **Date of filing of Application: 25/05/2001**

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	:	INDUSTRIAL USE SEWING MACHINE STRUCTURE WITH TRANSVERSE TUBE-SHAPED NEEDLE PLATE BASE FOR MAKING HIGH-SPEED HERRINGBONE STITCH		
(51)	International classification	:	D05B 69/00	(71)	Name of Applicant: HO TSAT-FA, Address of the Applicant:2F, NO 24, LANE 772 HO-PING ROAD, PA-TE CITY TAO-YUAN HSIEN, TAIWAN, CHINA
(31)	Priority Document No	:	N.A		
(32)	Priority Date	:	N.A	(72)	Name of the Inventor: HO TSAT-FA
(33)	Name of priority country	:	N.A		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(86)	International Application No and Filing Date:	:	NIL		
(87)	International Publication No	:	NIL		
(61)	Patent of addition to Application No	:	NIL		
		:			
	Filed on	:	NIL		
(62)	Divisional to Application No	:	NIL		
	Filed on	:	NIL		

(57) Abstract: The invention herein relating to an industrial-use sewing machine structure with transverse tube-shaped needle plate base for making high-speed herringbone stitch mainly consists of a structure of a horizontally oriented and vertically extended transverse tube-shaped fabric feed needle plate base disposed below the needle holder of the sewing machine and, furthermore, a drive mechanism with the drive revolving shuttle and the fabric feed tooth plate situated in the interior section for making variation in the type of stitch along with the style of the pattern cam of the sewing machine main body and for wider applications on sewing the objects being processed in the forms of tube, ring or arc, and is capable of not only increasing the sturdier sewing and attractive appearance of the objects being processed by making the variations of the herringbone stitches, but also enhancing the product quality and added value of the productivity of sewing machines in this category.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 13/05/2005

(21) Application No.: 00403/KOL/2005

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: AN AUTOMATIC SAMPLE POLISHING MACHINE

(51) International classification : B24B 27/00

(31) Priority Document No : Nil

(32) Priority Date : Nil

(33) Name of priority country : Nil

(86) International Application No and Filing Date : Nil

(87) International Publication No :

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:

THE TATA IRON AND STEEL COMPANY LIMITED

Address of the Applicant:

RESEARCH AND DEVELOPMENT DIVISION
JAMSEHPUR 831 001 INDIA

(72) Name of the Inventor:

1. MITRA FALGUNI

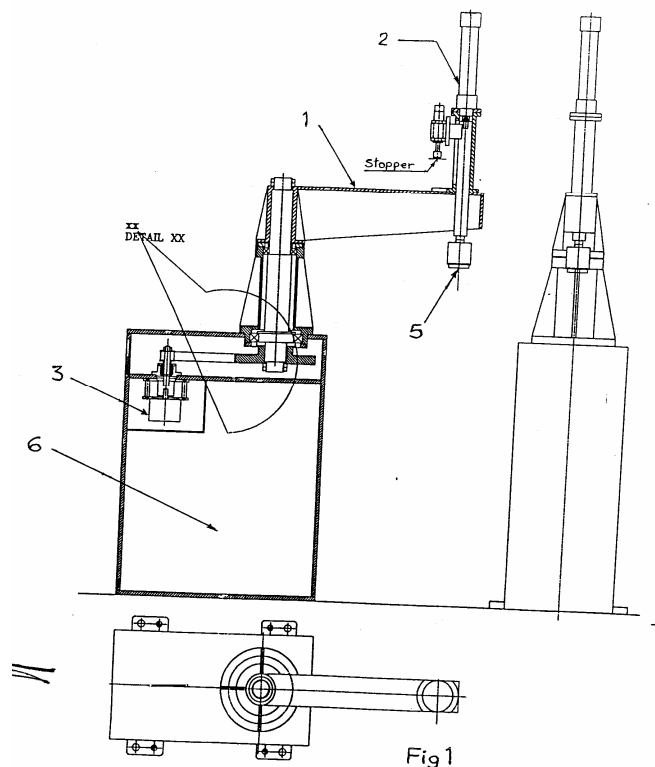
2. GHOSH BIBHAS

3. RAMASWAMI N

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

This invention relates to an automatic sample polishing machine for preparation of sample surface for analysis, comprising: a programmable manipulator arm driven by a stepper motor capable of rotating about its axis; a first pneumatic cylinder mounted at a distal end of the arm; a gripper at the end of an actuator connected to said first cylinder, for holding said sample to be polished; and a second pneumatic cylinder extending with an actuator reaction pin fastened at the end of said second cylinder for holding said arm rigid; said actuator acting as an interlock for firing predetermined pulses from said stepper motor for bringing said gripper with said sample to approach a grinding wheel for polishing.

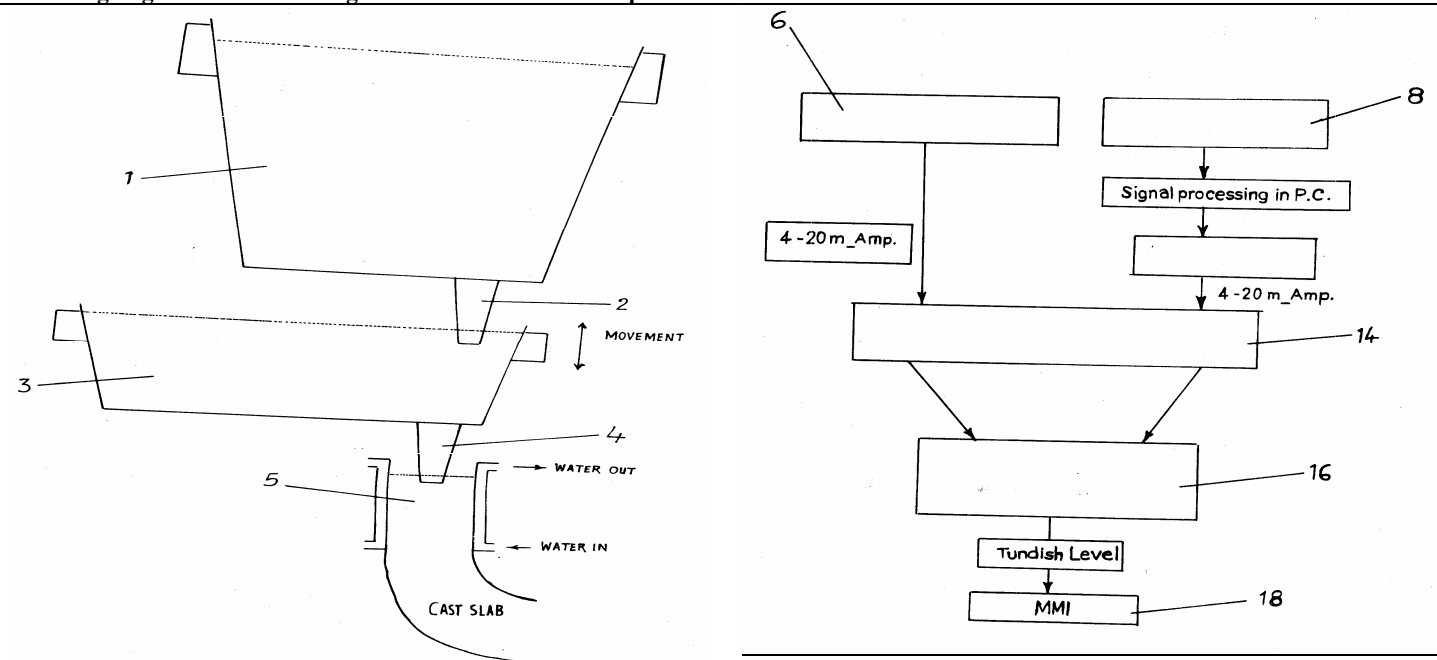


(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19)	INDIA	(21)	Application No.: 00510/CAL/2002	A
(22)	Date of filing of Application: 30/08/2002	(43)	Publication Date: 01/06/2007	
(54)	Title of the invention: : TUNDISH LEVEL CONTROL SYSTEM			
(51)	International classification	: B22D 11/00	(71)	Name of Applicant:
(31)	Priority Document No	: NIL		1. KUMAR ANUP
(32)	Priority Date	: NIL		2. JATLA SSVS
(33)	Name of priority country	:		3. THE TATA IRON AND STEEL COMPANY LIMITED.
(86)	International Application No and Filing Date:	: NIL		Address of the Applicant:
(87)	International Publication No	: NIL		THE TATA IRON AND STEEL COMPANY LIMITED, JAMSHEDPUR 831001, INDIA.
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL	(72)	Name of the Inventor:
(62)	Divisional to Application No	: NIL		1. KUMAR ANUP
	Filed on	: NIL		2. JATLA SSVS
Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004: NO				

(57) Abstract: A Continuous level control system for measuring the liquid steel level in a tundish comprises: a ladle 1 with a ladle nozzle shroud 2 and an intermediate container or tundish 3 for receiving liquid steel from the ladle. The tundish 3 is provided with a submerged entry nozzle 4 and movable in a vertical plane through a distance H. The system is provided with a level measurement sensor 6 for sensing the free metal level in the tundish 3 and generating a signal. A distance meter sensor 8 focuses on the upper surface of the tundish 3 to locate the instantaneous position of the tundish in the vertical plane. A converter 14 for converting the current signals received from said level measurement sensor 6 and distance meter sensor 8 into voltage signals. A processor 16 is coupled to the converter 14 for receiving the voltage signals and calculating there from the level of liquid steel in the tundish.



(FIG.2,3)

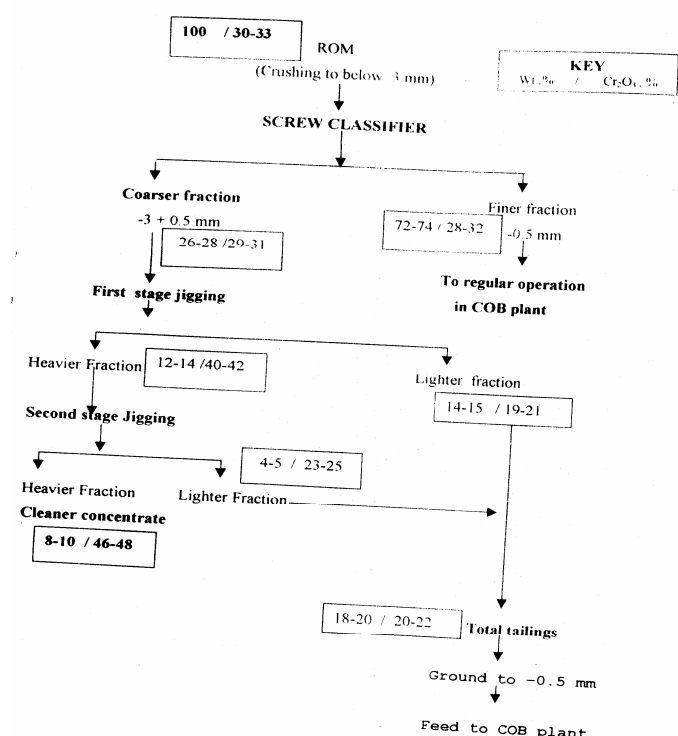
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 30/08/2002

(21) Application No.: 00511/CAL/2002
(43) Publication Date: 01/06/2007

A

(54)	Title of the invention:	: A METHOD OF PRODUCING MARKETABLE GRADE COARSE CONCENTRATES FROM LOW GRADE CHROMITE ORE.
(51)	International classification	: C01G 37/00
(31)	Priority Document No	: NIL
(32)	Priority Date	: NIL
(33)	Name of priority country	: NIL
(86)	International Application No and Filing Date:	: NIL
(87)	International Publication No	: NIL
(61)	Patent of addition to Application No	: NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant:	1. RAO S MOHAN 2. RAO PVT 3. THE TATA IRON AND STEEL COMPANY Address of the Applicant: THE TATA IRON AND STEEL COMPANY JAMSHED PUR – 831001, INDIA.
(72)	Name of the Inventor:	1. RAO S MOHAN 2. RAO PVT
	Filed U/S 5(2) before The Patents (Amendment) Ordinance, 2004:	NO

(57) Abstract: A method of producing marketable grade coarse chromite concentrates from low grade chromite ore, comprising the steps of : crushing a plant feed of chrome ore, comprising the steps of : crushing a plant feed of chrome ore beneficiation plant analyzing 30-33 % Cr_2O_3 to below emm in closed circuit; feeding the crushed -3 mm feed to screw classifier to separate into two fractions of -3 +0.5, and - 0.5mm ; feeding the -3 + 0.5 mm fraction to an first stage jig and collecting the heavier fraction; and treating the first stage jig heavier fraction in a second stage jig and collecting the heavier fraction as a coarse concentrate of marketable grade of more than 46% Cr_2O_3 .



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00514/KOL/2005

A

(22) Date of filing of Application: 15/06/2005

(43) Publication Date: 01/06/2007

(54) Title of the invention: : COLOR SIGNAL PROCESSING APPARATUS AND METHOD

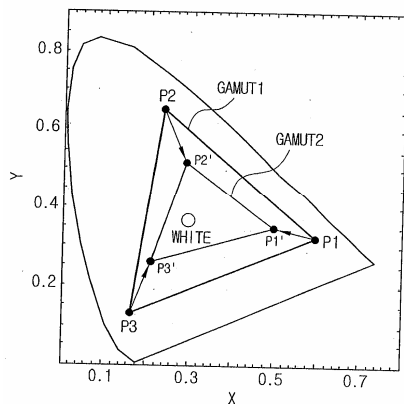
(51) International classification : H04N 9
(31) Priority Document No : 2004-44556
(32) Priority Date : 16/06/2004
(33) Name of priority country : REPUBLIC OF KOREA
(86) International Application No and Filing Date: : NIL
(87) International Publication No : NIL
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant:
SAMSUNG ELECTRONICS CO. LTD
Address of the Applicant:
416,MAETAN-DONG, YEONGTONG-GU,
SUWON-SI, GYEONGGI-DO, KOREA.

(72) Name of the Inventor:
KIM IL-DO
KIM MOON-CHEOL
CHOI DONG-BUM

Filed U/S 5(2) before The
Patents (Amendment)
Ordinance, 2004: NO

(57) Abstract: A color signal processing apparatus calculates a target color gamut including color signal values of each pixel of an input video, and calculates target primary colors corresponding to the calculated target color gamut. The color signal processing apparatus produces the calculated target primary colors by mixing primary colors in an input color gamut of the input video, and converts and outputs the color signal values of each pixel of the input video to match the calculated target color gamut defined by the calculated target primary colors. Since it is possible to adaptively transform the input color gamut of the input video, the input video that is reproduced has an increased light quantity and an enhanced contrast



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 17/06/2005

(21) Application No.: 00527/KOL/2005

A

(43) Publication Date: 01/06/2007

(54) Title of the invention: A DEVICE FOR DETECTING THE PRESENCE OF HOT STOCKS IN ROLING MILLS OF STEEL AND METAL INDUSTRY

(51) International classification : B21D 11/06
(31) Priority Document No :
(32) Priority Date :
(33) Name of priority country :
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant:
THE TATA IRON AND STEEL COMPANY

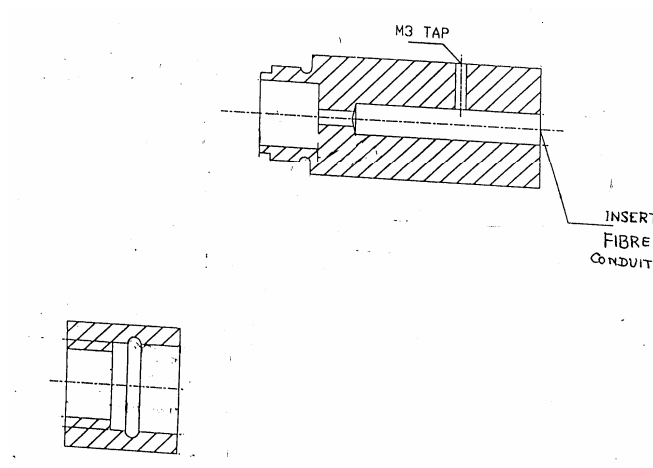
Address of the Applicant:
RESEARCH AND DEVELOPMENT DIVISION
JAMSHEDPUR-831 001 INDIA

(72) Name of the Inventor:
1. JAYASHREE P
2. TRIPATHY A.K.
3. SAHA P.K.
4. SAURABH MAMGAIN

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

This invention relates to a device for detecting presence of hot stocks in for example, rolling mills in steel and metal industry, said device comprising: light capturing optics provided in a housing for capturing radiation from said hot stocks; an optical fibre conduit for carrying said radiation from hot stocks to a remote place; and an electronic circuitry arranged in said remote place for detecting presence of hot stocks from a high or low radiation signal received.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 26/06/2005

(21) Application No.: 00780/KOL/ 2005 A

A

(43) Publication Date: 01/06/2007

(54) Title of the invention: DEVICE FOR DETERMINING QUALITY OF MAGNETIC PARTICLE TESTING

(51) International classification : G01R 3/00

(31) Priority Document No : NA

(32) Priority Date : NA

(33) Name of priority country : NA

(86) International Application No and Filing

Date :

(87) International Publication No :

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : N.A.

(71) Name of Applicant: BHARAT HEAVY
ELECTRICALS LIMITED,

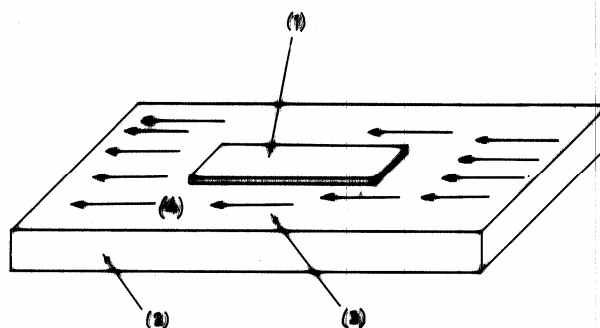
ADDRESS OF THE APPLICANT: REGIONAL
OPERATIONS DIVISION (ROD) , PLOT NO:9/1, D J
BLOCK , 3rd FLOOR, KARUNAMOYEE, SALT LAKE
CITY, KOLKATA – 700091

(72) 1. NAGAMUTHU DHANASEKARAN
2. SETHURAMA SRINIVASA ANANTHAN
3. GANAPATHY UMASHANKER

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

The apparatus comprising a single piece plate formed of a ferromagnetic material having several grooves (5) with continuously varying width, a plurality of said several grooves (5) being configured at different depths, the plate (1) is disposed on the test piece such that the grooves (5) facing the top-surface of the test-piece remain mutually synchronized while being magnetized with selected parameters. A grooved direction is maintained substantially perpendicularly to a desired direction (4) of the magnetic flux.



(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 29/08/2005

(21) Application No.: 00785/KOL/ 2005 A

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: "A PROCESS FOR PRODUCING FERRITIC BAINITIC DUAL PHASE STEEL SHEET FOR WHEEL RIM /DISC APPLICATION"

(51) International classification : C22C 37/10
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

(71) Name of Applicant: THE TATA IRON AND STEEL COMPANY LIMITED.

Address of the Applicant: RESEARCH AND DEVELOPMENT DIVISION, JAMSHEDPUR -831 001, INDIA.

(72) 1. MUKHERJEE, SUBRATA
2. GOPE, NARAYAN
3. BHAGAT, A.N.
4. VERMA, ANIL KUMAR

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

This invention relates to a process for producing ferritic bainitic dual phase steel sheet for wheel rim/disc application, comprising the steps of: processing steel through basic oxygen method - ladle furnace - slab caster route with a suitably designed chemistry for high strength; hot rolling the slab; and optimizing the hot rolling parameters to achieve a microstructure of 80 % ferritic and 20 % bainitic steel sheet.

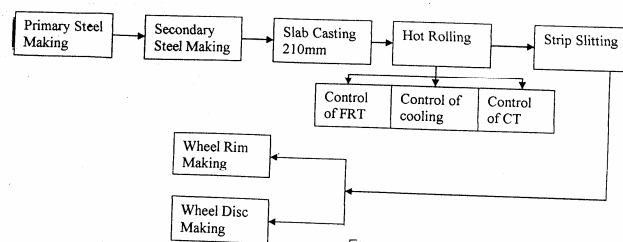


Fig. 2

(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 27/08/2005

(21) Application No.: 00786/KOL/ 2005 A

A

(43) Publication Date: 01/06/2007

(54) Title of the invention: TILTING TYPE OF STEAM COIL AIR PREHEATER FOR BOILER

(51) International classification : F28F 13/06
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

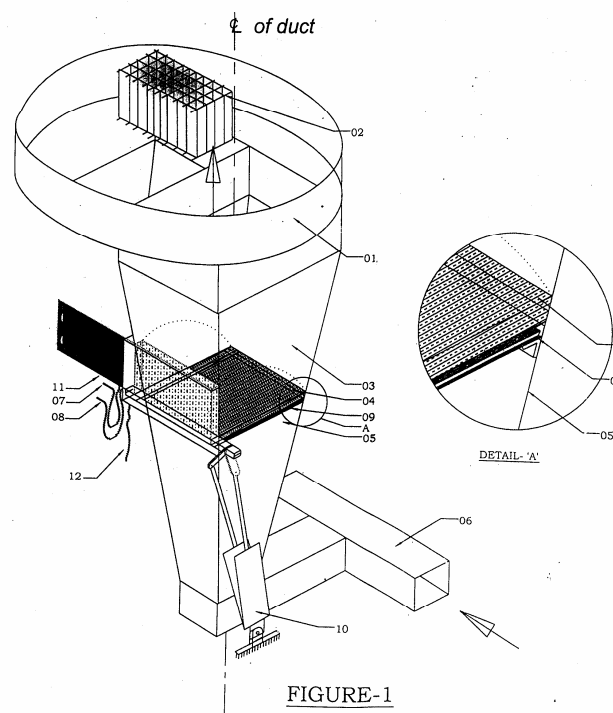
(71) Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED,

Address of the Applicant: 9/1, DJBLOCK 3rd FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA - 700091,

(72) 1. KRISHNAMURTHY NARAYANAN
2. VELLAISAMY NATARANJAN

(57) Abstract:

The present invention relates to an aerodynamically improved tiltable steam-coil-air-preheat (SCAPH-1) for preventing corrosion in the cold end elements of a boiler system. The boiler system having a main preheat (010) having at least one cold element (02), a power actuator (10), a plurality of forced draft fans and primary fans forcing air flow to a bus duct (06) from which an auxiliary duct configured to approach the main preheat (01). The steam coil air pre heater comprises an inlet duct (05) for providing air flow from the bus duct (06) into the SCAPH, a first flexible hose (08) for providing steam inflow via a plurality of finned tubes disposed inside the SCAPH, the plurality of finned tubes acting as a heat-transfer means. A second flexible hose (07) for providing steam outflow from the SCAPH via a drain (12), at least one seal (09) for preventing the air to bypass the SCAPH thereby ensuring transfer of heat from the steam to air, an outlet duct (03) for exiting the air flow from the SCAPH. The SCAPH is hinged connected to the power actuator (10) such that the SCAPH is tiltable shifted in a first upward position being away from the air flow path when boiler load exceeding 30%. The power actuator (10) during the operation phase of the tiltable SCAPH lowering the SCAPH down to be in a second position such that its heat transfer surface gets disposed to the air-flow, and the inlet and the outlet ducting (03, 05) are configured to have a taper angle in the range of $7^{\circ} \pm 1^{\circ}$ to achieve an aerodynamically improved flow of air.



(FIG. - 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 31/08/2005

(21) Application No.: 00795/KOL/ 2005 A

A

(43) Publication Date: 01/06/2007

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF AN EFFICACIOUS HAIR COMPOSITION FOR ANTI HAIR FALL

(51) International classification : A61K7/06

(31) Priority Document No : NA

(32) Priority Date : NA

(33) Name of priority country : NA

(86) International Application No and Filing Date :

(87) International Publication No :

(61) Patent of addition to Application No : NIL

Filed on : N.A.

(62) Divisional to Application No : NIL

Filed on : N.A.

(71) Name of Applicant: MARICO INDUSTRIES LIMITED,

ADDRESS OF THE APPLICANT: 224 ACHARYA JAGADISH CHANDRA BOSE ROAD, KRISHNA BUILDING KOLKATA -17, INDIA

(72) 1. BIMAL KUMAR KAPOOR
2. RASHMIKANT BHASKAR MOHILE

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract:

A process for the preparation of a anti hair fall composition which includes the steps of: (i) adding to a protein complex at least one selected from the group of alcohols, oils, esters, ester-oil blends; (ii) maintaining the temperature between 45 to 70 °C, with further addition of at least one selected from the group of alcohols, oils, esters, ester-oil blends to result in a desired concentration and allowing the above to remain for a period of time till it has achieved a desired level of reaction; (iii) separating the dissolved portion from the un dissolved portion; (iv) adding vitamins, minerals, herbal extracts and amino-mineral chelated complex to the filtered portion; (v) allowing the above to remain for a period of time; (vi) adding a suitable anti-oxidant; (vii) separating the dissolved portion from the un dissolved portion to provide said composition.

(FIG. - nil)

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 12/09/2005

(21) Application No.: 00838/KOL/ 2005 A
(43) Publication Date: 01/06/2007

A

(54) Title of the invention: ADVANCED OPTIMIZATION TECHNIQUE FOR ELECTROSTATIC PRECIPITATOR USING EMBEDDED CONTROL SYSTEM

(51) International classification : BO3C 3/68
(31) Priority Document No : N.A
(32) Priority Date : N.A
(33) Name of priority country : N.A
(86) International Application No and Filing Date :
(87) International Publication No :
(61) Patent of addition to Application No : NIL
Filed on : N.A.
(62) Divisional to Application No : NIL
Filed on : N.A.

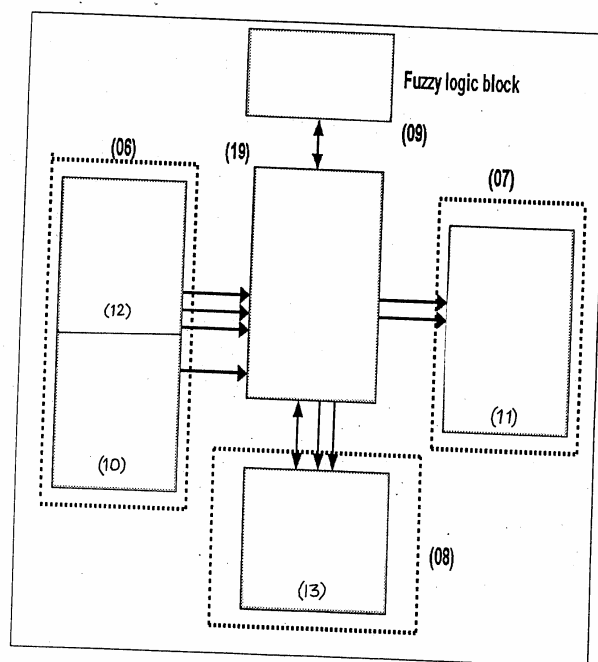
(71) Name of Applicant: BHARAT HEAVY ELECTRIUCALS LIMITED,

Address of the Applicant: 9/1, DJBLOCK 3rd FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA – 700091,

(72) 1. BALAKRISHNAN VENKATESHWAR
2. KADAPERI PANCHATSARAM
MANIMALA
3. VELU SUBBAN SURESHKUMAR
4. SOMESHWAR TUKARAM GOAIKWAD
5. GOURI SHANKAR NAIK
6. THULUKKANAM NAGARAJAN

(57) Abstract:

The invention discloses an improved system for online monitoring and control of operating parameters to optimize the performance of an electrostatic precipitator adaptable in a coal-based thermal plant. The electrostatic precipitator being energized with a high-voltage transformer (02) via a firing circuit (03) and a thyristor circuit (04). The system comprises a monitoring block (07) for continuously monitoring the operating parameters including the alarm conditions in the precipitator devices, a control block (06) for controlling the analogue parameters comprising precipitator feedback voltage feedback current, outlet emission, boiler load signal and primary power based on on-line computation of the parameters including corrective measures, a microcontroller (19) for activating a plurality of peripheral devices (10,11,12,13), each interfacing the microcontroller (19) with the field signals and the control means of the electrostatic precipitator. A fuzzy logic block (09) comprising an input and output means (14, 15), a fuzzy table (16), a fuzzy rule base (17) and fuzzy Instructions (18) are provided to optimize intermittent pulse ration by utilizing the data received from the microcontroller (19), the input data required for the fuzzy rule (17) and the fuzzy table (16) being fed via the user interface.



(FIG. - 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 18/10/2005

(21) Application No.: 00948/KOL/2005

A

(43) Publication Date: 01/06/2007

(54) Title of the invention: A COAL CRUSHING BOWL MILL FOR CASHING COAL OF PROPER SIZE BEFORE TRANSPORTING TO THE BOILER FOR FIRING

(51) International classification : B02C 17/00
(31) Priority Document No : Nil
(32) Priority Date : Nil
(33) Name of priority country : Nil
(86) International Application No and Filing Date : Nil
(87) International Publication No :
(61) Patent of addition to Application No :
(62) Divisional to Application No : Nil
Filed on :

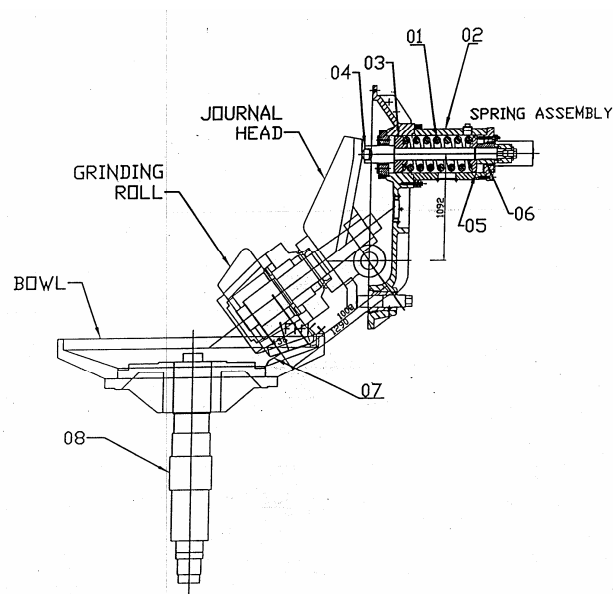
(71) Name of Applicant:
BHARAT HEAVY ELECTRICALS LIMITED
Address of the Applicant:
REGIONAL OPERATIONS DIVISION (ROD), PLOT
NO.9/1, DJ BLOCK, 3RD FLOOR, KARUNAMOYEE,
SALT LAKE CITY, KOLKATA 700091, WEST
BENGAL, INDIA

(72) Name of the Inventor:
SATISH GHATGE

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

An improved coal crushing mill consisting of a feed pipe, a rotating bowl where coal falls at the centre of the bowl through feed pipe, the bowl is lined with hard liner called bull ring segment, grinding rolls where coal is grinded in between the grinding rolls and bull ring segment, wherein a spring system which controls effectively and beneficially, the stresses imparted on the coal during crushing operation.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00950/KOL/2005

A

(22) Date of filing of Application: 18/10/2005

(43) Publication Date: 01/06/2007

(54) Title of the invention: : IMPROVEMENTS TO SPINNING MACHINE DRAW-FRAMES

(51) International classification : D01H 5/56
(31) Priority Document No : 200501961
(32) Priority Date : 04/08/2005
(33) Name of priority country : SPAIN

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL
:
Filed on : NIL

(62) Divisional to Application No : NIL
:
Filed on : NIL

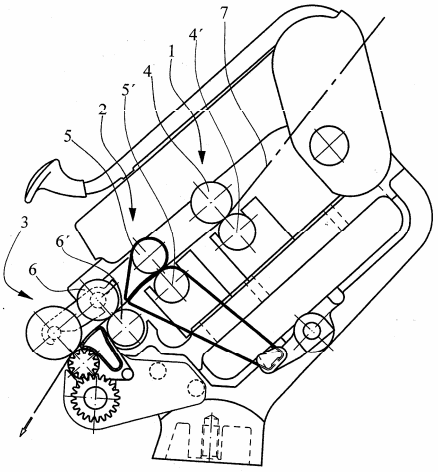
(71) Name of Applicant: CANYAMERES
CORTAZAR JAUME

Address of the Applicant:
C/O MARC COMERMA, 7 08230 MATADEPERA
(BARCELONA), SPAIN

(72) Name of the Inventor:
1. CANYAMERES CORTAZAR
JAUME
2. LOPEZ HERNANDEZ,JOAN

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: The improvements are characterised in that, between two pairs of rollers of the draw-frame there is arranged the combination of a grooved guide surface intended to receive, on its upper face, by means of a mesh strip which travels at a specific linear velocity, the sliver which is being drawn, the grooved element lower face, remote from the face for passage of the sliver, being subjected to a vacuum of an intensity which may be adjusted to the type of sliver.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 01049/KOL/2005

A

(22) Date of filing of Application: 21/11/2005

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: UNIVERSAL COPYING TEMPLATE FOR MACHINING SURFACES AT DIFFERENT ANGLES ON CONVENTIONAL VERTICAL BORING MACHINE
(51)	International classification	: B23B 39/02
(31)	Priority Document No	: N.A
(32)	Priority Date	: N.A
(33)	Name of priority country	: N.A
(86)	International Application No and Filing Date:	: NIL
(87)	International Publication No	: NIL
(61)	Patent of addition to Application No	NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant:	BHARAT HEAVY ELECTRICALS LIMITED,
	Address of the Applicant:	9/1, DJ BLOCK 3 RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA 700091 BHEL HOUSE SIRI FORT, NEW DELHI-110049 INDIA.
(72)	Name of the Inventor:	1. AJAI PRAKASH. AGRAWAL 2. BINOD KUMAR ROY
	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO	

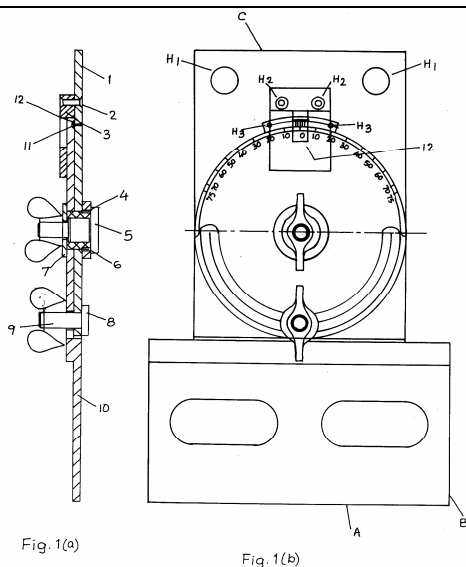
(57) Abstract: A multi angle—settable universal copying template with a least count of 0.10 adaptable to vertical boring machines having copying capability, the template comprising:

- a base plate (1) having at least three pair of holes (H~H2, H3) configured thereon, the base plate (1) being mountable on the machine via the first pair of holes (H1);

- a releasable guide (3) fixable on the base plate (1) via the second pair of hole (H2) by means of a fiat counter sunk rivet (2);

- a vernier scale (12) detachably attachable via the third pair of holes (H3) on the base plate (1) by means of a rivet (11);

- characterized in that a template (10) is clamped via a second singular hole (h2) configured on the base plate (1), and in that a fixing and moving means (4,5,6,7,9) being provided to rotate and fix the template (10) at desired angles via a first singular hole (hi) configured on the base plate (1).



(FIG.1a, 1b)

(12) PATENT APPLICATION PUBLICATION

(19)	INDIA	(21)	Application No.: 01177/KOL/2005	A
(22)	Date of filing of Application: 23/12/2005	(43)	Publication Date: 01/06/2007	

(54) Title of the invention: : A PROCESS FOR TREATMENT OF COCONUT FIBRES

(51)	International classification	: C02F 3/10	(71)	Name of Applicant: CENTRAL COIR RESEARCH INSTITUTE,
(31)	Priority Document No	: N.A		
(32)	Priority Date	: N.A		Address of the Applicant: C/O. COIR BOARD, LOUDON STREET, KOLKATA 700 017, INDIA
(33)	Name of priority country	: N.A		
(86)	International Application No and Filing Date:	: NIL	(72)	Name of the Inventor: DR. W.S. SARMA, MR. P.K. RAVI, DR. A.K. MUKHERJEE
(87)	International Publication No	: NIL		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract: This invention relates to a process for the treatment of coconut fibers which comprises in crushing the husk after removal of the nut so as to loosen the fibers and pith, soaking the husk in water, separately the husk from fibers characterized in applying an oil in water emulsion to the surface to the separated, fibers under ambient condition.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 0009/KOL/2006

A

(22) Date of filing of Application: 03/01/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: : MULTILEVEL IMAGE SEGMENTATION

(51) International classification : G06K 9/34

(31) Priority Document No : 60/644,825

(32) Priority Date : 18/01/2005

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

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL
Filed on : NIL

(62) Divisional to Application No : NIL
Filed on : NIL

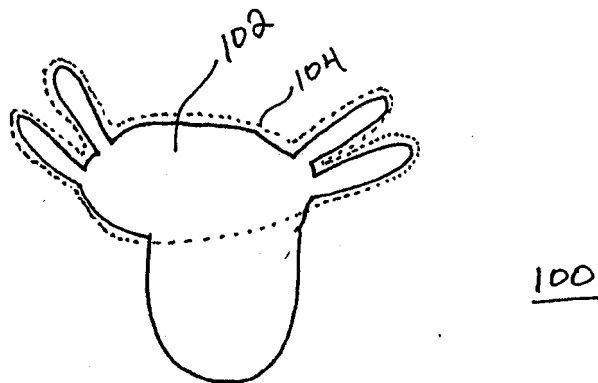
(71) Name of Applicant: SIEMENS CORPORATE RESEARCH, INC.

Address of the Applicant: 755 COLLEGE ROAD EAST, PRINCETON, NJ 08540 U.S.A

(72) Name of the Inventor:
1. SUN, YIYONG
2. LOMBAERT, HERVE
3. GRADY, LEO
4. XU, CHENYANG

Filed U/S 5(2) before The Patents (Amendment) Act: 2005: NO

(57) Abstract: A multilevel image segmentation technique using graph cuts is disclosed. A reduced resolution image is generated from a full resolution image which is to be segmented. The reduced resolution image is then segmented in order to identify a boundary between an object and a background within the image. The identified boundary then identifies a portion of an increased resolution image which is segmented in order to refine the earlier identified boundary. The steps may be iterated for successively increasing image resolutions in order to refine the boundary as required by a particular application. An initial identification of object and background portions of the image may be provided as input by a user. Alternatively, a user may identify only the object portion, and the background portion may be automatically determined.



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION			(21)	Application No.: 00270/KOLNP/2004	A
(19)	INDIA			(43)	Publication Date: 01/06/2007	
(22)	Date of filing of Application: 01/03/2004					
(54)	Title of the invention:			: “INHIBITION OF STAT-1”		
(51)	International classification	:	A61K 48/00	(71)	Name of Applicant: AVONTEC GMBH	
(31)	Priority Document No	:	101 48 886.6		Address of the Applicant:	
(32)	Priority Date	:	04/10/2001		23, 37073 GOTTINGEN, GERMANY	
(33)	Name of priority country	:	GERMANY	(72)	Name of the Inventor: 1. HECKER, MARKUS	
(86)	International Application No and Filing Date:	:	PCT/DE02/03748 02/10/2002		2. WAGNER, ANDREAS	
(87)	International Publication No	:	WO 03/030944 A2	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO		
(61)	Patent of addition to Application No	:	NIL			
	Filed on	:	NIL			
(62)	Divisional to Application No	:	NIL			
	Filed on	:	NIL			
(57) Abstract: The present invention relates to inhibitors of the transcription factor STAT-1, their use as therapeutic means as well as their use for the prevention or therapy of cardio-vascular complications like restenosis after percutaneous angioplasty or stenosis of venous bypasses, the graft versus host reaction, the ischemia/refusion-related damage in the context of surgical interventions and organ transplantation respectively, immunological hypersensitivity reactions, in particular the allergic rhinitis, the drug and food allergies, in particular urticaria and celiac disease (sprue), contact eczema and the immune complex diseases, in particular alveolitis, arthritis, glomerulonephritis and allergic vasculitis, inflammatory chondro- and osteopathies, in particular arthrosis, gout, otitis and osteomyelitis, polyneuritis as well as acute and subacute respectively, infection contingent and in particular post-infectious inflammatory diseases, in particular bronchitis, endocarditis, hepatitis, myocarditis, nephritis, pericarditis, peritonitis and pancreatitis, including the septic shock.						

(FIG. nil)

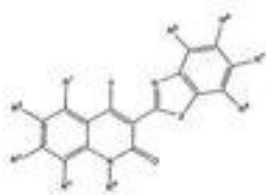
(12)	PATENT APPLICATION PUBLICATION/		
(19)	INDIA	(21)	Application No: 01494/KOLNP/2004
(22)	Date of filing of Application: 06/10/2004	(43)	Publication Date: 01/06/2007

A

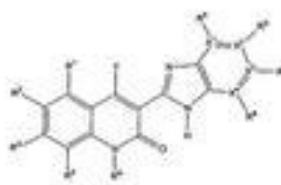
(54) Title of the invention: : “QUINOLINONE DERIVATIVES”

(51)	International classification	: C07D 417/14,, 413/14, 43/14, A61K 31/47	(71)	Name of Applicant: CHIRON CORPORATION,
(31)	Priority Document No	: 10/116,117		Address of the Applicant:4560 HORTON STREET, EMERYVILLE, CA 94608-2916, U.S.A
(32)	Priority Date	: 05/04/2002		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US03/10463 04/04/2003	(72)	Name of the Inventor:
(87)	International Publication No	: WO 03/087095 A1		1. RENHOWE PAUL A
(61)	Patent of addition to Application No	: NIL		2. PECCHI SABINA
	Filed on	: NIL		3. MACHAJEWSKI TIMOTHY D
				4. SHAFER CYNTHIA M
				5. TAYLOR CLARKE
				6. MCCREA WILLIAM R.
				7. MCBRIDE CHRISTOPHER
				8. JAZAN ELISA
				9. HEISE CARLA
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		
				Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) **Abstract:** Organic compounds having the formulas (I) and (II) are provided where the variables have the values described herein. Medicaments include an anti-cancer drug selected from 5-FU or CPT 11 and a compound of formula (I) or formula (II), a tautomer of the compound, a pharmaceutically acceptable salt of the compound, or a pharmaceutically acceptable salt of the tautomer in treating along with an anti-cancer drug selected from 5-FU or CPT-11. The medicaments may be used in treating cancer. The use of a compound of formula (I) or formula (II), a tautomer of the compound, a pharmaceutically acceptable salt of the compound, or a pharmaceutically acceptable salt of the tautomer in treating cancer in conjunction with an anti-cancer drug selected from 5-FU or CPT-11 is also provided.



(I)



(II)

(FIG.NIL)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00621/KOLNP/2005	A
(22)	Date of filing of Application: 11/04/2005	(43)	Publication Date: 01/06/2007	

(54) Title of the invention: : “NON GELATIN FILMS WITH IMPROVED BARRIER PROPERTIES”

(51)	International classification	: A61K 9/48, C08J 5/18	(71)	Name of Applicant: BIOPROGRESS TECHNOLOGY INTERNATIONAL, INC.,
(31)	Priority Document No	: 0221986.3		Address of the Applicant: 9055 HUNTCLIFF TRACE, ATLANTA, GA 30350, U.S.A
(32)	Priority Date	: 21/09/2002		
(33)	Name of priority country	: GREAT BRITAIN		
(86)	International Application No and Filing Date:	: PCT/GB2003/004083 19/09/2003	(72)	Name of the Inventor: I. NOWAK EDWARD ZBYGNIEW
(87)	International Publication No	: WO 2004/026284 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) **Abstract:** Non gelatin film materials, e.g. hydroxy propyl methyl cellulose comprise e.g. an additive or additives such as an organic acid, e.g. hydroxy carboxylic acid, which form a barrier composition. The resultant films are safe human consumption and find use as a wall material of an ingestible delivery capsule, e.g. containing a dose of a pharmaceutical preparation.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 01137/KOLNP/2005

A

(22) Date of filing of Application: 14/06/2005

(43) Publication Date: 01/06/2007

(54) Title of the invention: : AUTOTHERMAL REFORMER-REFORMING EXCHANGER ARRANGEMENT FOR HYDROGEN PRODUCTION

(51) International classification : C10K 3/06

(31) Priority Document No : 60/320,015

(32) Priority Date : 18/03/2003

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

(86) International Application No and Filing Date: : PCT/US2004/007952
12/03/2004

(87) International Publication No : WO 2004/083114 A3

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: KELLOGG BROWN & ROOT, INC.,

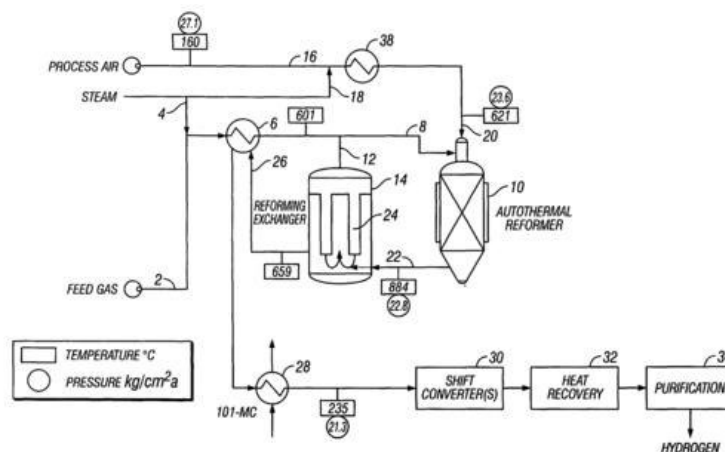
Address of the Applicant:
601 JEFFERSON AVENUE, HOUSTON, TX
77002, U.S.A

(72) Name of the Inventor:
1. MALHOTRA, AVINASH
2. GOSNELL, JAMES, HANLAN

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

Process and apparatus for hydrogen production. The apparatus comprising a reforming exchanger (14) arranged in parallel with an auto thermal reformer (10) supplied with a preheated steam-hydrocarbon mixture, an air-steam mixture is supplied to the burner/mixer of the auto thermal reformer (10) to obtain syngas effluent at 650° - 1050°C. The effluent from the auto thermal reformer (10) is used to heat the reforming exchanger (14) and combined reformer effluent is fed to shift reactor (30) and to separator (32, 34) to be separated into a mixed gas stream and a hydrogen-rich product gas stream.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 20/06/2005

(21) Application No.: 01178/KOLNP/2005

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : LCST POLYMERS

(51) International classification : C08F 8/14
(31) Priority Document No : 102 54 432.8
(32) Priority Date : 21/11/2002
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date: : PCT/EP2003/0130 99
21/11/2003
(87) International Publication No : WO 2004/052946 A1

(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant: SUD-CHEMIE AG

Address of the Applicant:
LENBACHPLATZ 6, 80333 MUNCHEN
GERMANY

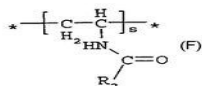
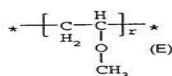
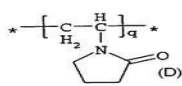
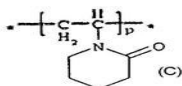
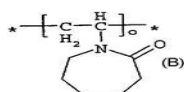
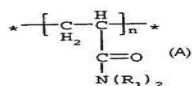
(72) Name of the Inventor:
1. SCHROD, MATTHIAS

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A description is given of LCST polymers obtainable by free-radical co- or terpolymerization in aqueous or alcoholic solution of A) about 45.0 to 99.9 mol% of at least one monomer or macromonomer featuring the structural unit a) N, N-dialkylacrylamide in which n is 1 to 10 000 and R₁ (identical or different at each occurrence) is hydrogen or alkyl groups having 1 to 5 carbon atoms, and the radicals R₁ can also form a ring together with the nitrogen atom; b) N-vinylcaprolactam in which o is 1 to 10 000; c) N-vinylpiperidone in which p is 1 to 10 000; d) N-vinylpyrrolidone in which q is 1 to 10 000; e) methyl vinyl ether in which r is 1 to 10 000; f) and/or N-vinyl-alkylamide in which s is 1 to 10 000 and R₂ is an (iso) alkyl group having 1 to 5 carbon atoms or a cyclopentyl group; B) about 0.1 to 55.0 mol% of a comonomer from the group of a) maleic acid, maleic anhydride or an alkyl ester of maleic acid in which the alkyl group contains 1 to 5 carbon atoms; b) fumaric acid or an alkyl ester of fumaric acid in which the alkyl group contains 1 to 5 carbon atoms; c) acrylic or methacrylic acid or an alkyl acrylate or methacrylate in which the alkyl group contains 1 to 5 carbon atoms; d) a hydroxyalkyl acrylate or methacrylate in which the alkyl group contains 1 to 5 carbon atoms; e) vinyl acetate; f) glycidyl (meth) acrylate; g) allyl glycidyl ether; and/or h) α, α-dimethyl-meta-isopropenylbenzyl isocyanate; the polymers obtained by copolymerizing the monomers or macromonomers (A) and (B) being derivatized by means of a derivatizing agent containing at least one group which is able to react with a group of a repeating unit originating from the comonomer (B), to form a covalent bond, and also at least one polymerizable double bond.

(FIG. nil)



(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 05/07/2005**

(21) **Application No.: 01299/KOLNP/2005**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **A METHOD FOR THE PRODUCTION OF CHAINS FOR ARTICLES OF JEWELLERY**

(51)	International classification	: B21L 11/00, A44C 11/00
(31)	Priority Document No	: PD2003A000005
(32)	Priority Date	: 13/01/2003
(33)	Name of priority country	: ITALY
(86)	International Application No and Filing Date:	: PCT/EP2003/009973 09/09/2003
(87)	International Publication No	: WO 2004/062832 A1
(61)	Patent of addition to Application No	NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL

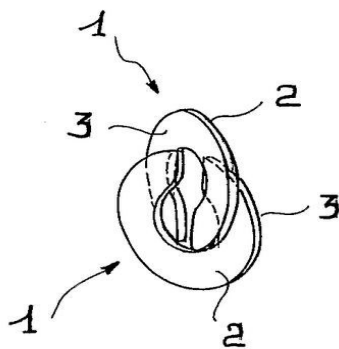
(71) **Name of Applicant: SILMAR S.P.A**
Address of the Applicant:
VIA TORINO, 14, I-36060 ROMANO D'EZZELINO (VI), ITALY

(72) **Name of the Inventor:**
CERATO SILVERIO

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A method is described for producing chains for articles of jewellery in the form of a rope, comprising the steps of preparing a plurality of open rings (1), gripping and moving the rings (1) so as to prepare a sequence of respective pairs of adjacent rings with respective openings (4) facing each other and also joining the adjacent rings of each pair are to obtain a closed annular shape, the rings (1) of adjoining pairs having first being inserted, so as to obtain a structure with linked rings. The method provides for the rings (1) to be formed by cutting or stamping from sheet metal and for the adjacent rings (1) of each pair to be joined to each other by the corresponding limbs (5, 6), located near the respective openings (4), placed back to back, one resting on the other alternately.



(FIG. 3)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 11/07/2005**

(21) **Application No.: 01323/KOLNP/2005**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **BIOPSY DEVICE WITH PISTION ADVANCE**

(51) **International classification** : **A61B**
(31) **Priority Document No** : **60/432,545**
(32) **Priority Date** : **11/12/2002**
(33) **Name of priority country** : **U.S.A**
(86) **International Application No and Filing Date:** : **PCT/US2003/039365 11/12/2003**

(87) **International Publication No** : **WO 2004/052179 A2**

(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**
Filed on : **NIL**

(71) **Name of Applicant: ETHICON ENDO-SURGERY, INC.**

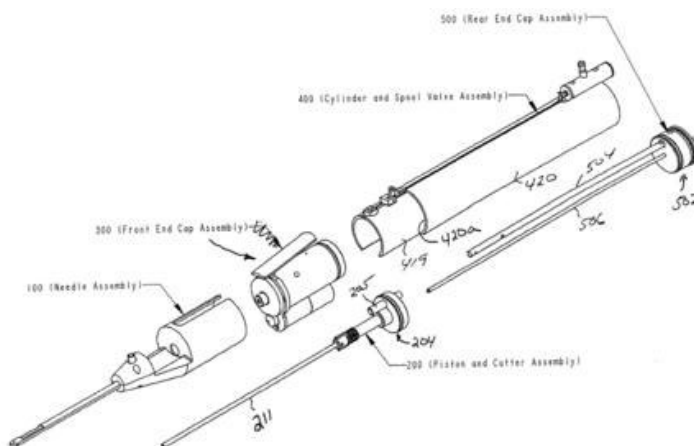
Address of the Applicant: **4545 CREEK ROAD, CINCINNATI, OH 45242, U.S.A**

(72) **Name of the Inventor:**
1. CHRIS CINCENAS
2. LUKE STONIS

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A biopsy device is provided. The biopsy device includes a cutter (211) which is advanced through a first portion of its stroke by differential fluid pressure acting on a piston (204). A mechanical drive associated with the front end cap assembly (300) is used to translate and rotate the cutter (211) during tissue severing.



(FIG.1a)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01462/KOLNP/2005	A
(22)	Date of filing of Application: 27/07/2005	(43)	Publication Date: 01/06/2007	

(54) **Title of the invention:** : **A MEDICAMENT FOR THE PROPHYLAXIS AND TREATMENT OF ARTERIOSCLEROSIS AND HYPERTENSION**

(51)	International classification	: A61K 31/4422, 45/06, A61P 9/00, 9/10, 43/00, 9/12, 13/12	(71)	Name of Applicant: SANKYO COMPANY, LIMITED
(31)	Priority Document No	: 2003-022990; 2003-030830		Address of the Applicant: 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU, TOKYO 103-8426, JAPAN
(32)	Priority Date	: 31/01/2003; 07/02/2003		
(33)	Name of priority country	: JAPAN	(72)	Name of the Inventor: 1. HORIUCH, MASATSUGU; 2. IWAI, MASARU,
(86)	International Application No and Filing Date:	: PCT/JP04/000861 29/01/2004		
(87)	International Publication No	: WO 2004/067003 A1		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A medicament comprising the following composition: (A) an angiotensin II receptor antagonist selected from the group of a compound having a general formula (I), pharmacologically acceptable esters thereof and pharmacologically acceptable salts thereof (for example, olmesartan medoxomil and the like); and (B) a calcium channel blocker selected from the group consisting of 1,4-dihydropyridine derivatives ;and pharmacologically acceptable salts thereof as active ingredients (for example, azelnidipine and the like) for the prophylaxis and/or treatment of arteriosclerosis, hypertension, heart diseases, renal diseases or cerebrovascular diseases.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 02/08/2005

(21) Application No.: 01519/KOLNP/2005

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : CONTENT PROTECTION SYSTEM, KEY DATA GENERATION APPARATUS, AND TERMINAL APPARATUS

(51) International classification : H04L 9/08, 29/06, G11B 20/00

(31) Priority Document No : 2003-7349 AND 2003-101455

(32) Priority Date : 15/01/2003 AND 04/04/2003

(33) Name of priority country : JAPAN

(86) International Application No and Filing Date: : PCT/JP2004/000155 13/01/2004

(87) International Publication No : WO 2004/064313 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

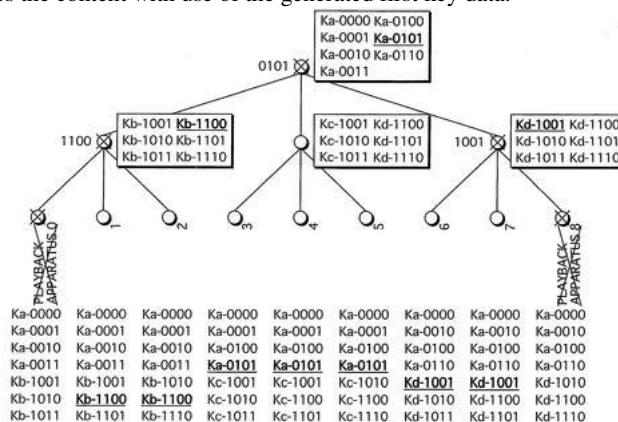
Address of the Applicant:
1006, OAZAKADOMA, KADOMA-SHI, OSAKA
571 8501, JAPAN

(72) Name of the Inventor:
1. TOSHIHISA NAKANO (JP)
2. MOTOJI OHMORI (JP)
3. NATSUME MATSUZAKI (JP)
4. MAKOTO TATEBAYASHI (JP)
5. NAKI YAMAMOTO (JP)

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A content protection system prevents illegal key acquisition, without checking uniqueness of device keys. The content protection system includes a key data generation apparatus and a user terminal. The key data generation apparatus converts first key data, which is for using content, based on a predetermined conversion rule, thereby generating second key data, encrypts the second key data using a device key held by valid terminals, and outputs the encrypted key data. The user terminal obtains the encrypted key data, decrypts the encrypted key data using a device key held by the user terminal, thereby generating second key data, converts the second key data based on a re-conversion rule corresponding to the conversion rule, thereby generating the first key data, and uses the content with use of the generated first key data.



0, 1, 2, 3, 4, 5, 6, 7, 8... APPAREIL DE LECTURE

(FIG.3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 06/09/2005

(21) Application No.: 01767/KOLNP/2005

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : **CROSSLINKING COMPOSITION**

(51) International classification : **C08G 12/02, 12/42, 12/38, C09D 161/32**
(31) Priority Document No : **10/403,143**
(32) Priority Date : **31/03/2003**
(33) Name of priority country : **U.S.A**
(86) International Application No and Filing Date: : **PCT/US2004/005718**
26/02/2004
(87) International Publication No : **WO 2004/094497 A1**

(61) Patent of addition to Application No : **NIL**
:
Filed on : **NIL**

(62) Divisional to Application No : **NIL**
:
Filed on : **NIL**

(71) Name of Applicant: **CYTEC TECHNOLOGY CORP.,**

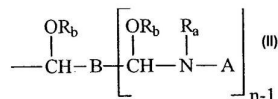
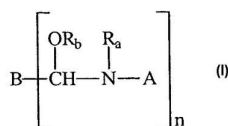
Address of the Applicant:
300 DELAWARE AVENUE, WILMINGTON, DE
19801, U.S.A

(72) Name of the Inventor: **1. LIN, LON-TANG,**
2. JACOBS, WILLIAM III.,

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

This invention relates to a crosslinking composition comprising a compound having the structure of Formula I: A'-NR^A-R^D where A' is a moiety derived from the group consisting of linear or cyclic ureas, cyanuric acid, substituted cyanuric acids, linear or cyclic amides, glycolurils, hydantoins, linear or cyclic carbamates and mixtures thereof, or a moiety comprising the structure: Where R^A is R^D, hydrogen, an alkyl of 1 to 20 carbon atoms, or taken together with A' forms a cyclic compound; R^D is-CH(R^C)OR^B, wherein R^B is hydrogen, alkyl, aryl, aralkyl or an alkaryl having from 1 to about 24 carbon atoms and R^C is an alkyl, halogenated alkyl, aryl, aralkyl, halogenated aralkyl, alkoxyalkyl or an alkaryl having from 1 to about 24 carbon atoms; A is a moiety derived from the group consisting of linear or cyclic ureas, cyanuric acid, substituted cyanuric acids, linear or cyclic amides, glycolurils, hydantoins, linear or cyclic carbamates and mixtures thereof; B is a residue of a poly(alkylaldehyde) with n aldehyde groups; n is an integer of 2 to about 8; R_a is R_d, hydrogen, an alkyl of 1 to about 20 carbon atoms, or taken together with A forms a cyclic compound; where R_d is CH(R_c)OR_b or where R_b is hydrogen, alkyl, aryl, aralkyl or an alkaryl having from 1 to about 24 carbon atoms and R_c is an alkyl, halogenated alkyl, aryl, aralkyl, halogenated aralkyl, alkoxyalkyl or an alkaryl having from 1 to about 24 carbon atoms; and where the alkyl or aryl groups in each radical may optionally have heteroatoms in their structure. This invention also relates to a process for producing the crosslinking composition by reacting an amino compound containing amino groups; a mono(alkylaldehyde) and/or a poly(alkylaldehyde), and an alcohol; where said amino compound is selected from the group consisting of: linear or cyclic ureas, cyanuric acid, substituted cyanuric acids, linear or cyclic amides, glycolurils, hydantoins, linear or cyclic carbamates and mixtures thereof.



(FIG.Nil)

A

**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 01838/KOLNP/2005	A
(22)	Date of filing of Application: 15/09/2005	(43)	Publication Date: 01/06/2007	

(54) Title of the invention: : “ NITROGEN-CONTAINING ORGANOSILICON COMPOUND, METHOD OF MANUFACTURE, AND METHOD OF TREATING SURFACES”

(51)	International classification	: C07F 7/18	(71)	Name of Applicant: DOW CORNING TORAY CO., LTD.
(31)	Priority Document No	: 2003-093337		
(32)	Priority Date	: 31/03/2003		
(33)	Name of priority country	: JAPAN		Address of the Applicant:
(86)	International Application No and Filing Date:	: PCT/JP2004/004562 30/03/2004		1-3, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 1000005 JAPAN
(87)	International Publication No	: WO 2004/087719 A1	(72)	Name of the Inventor: 1. IWAI, MAKOTO 2. HAMADA, MITSUYOSHI
(61)	Patent of addition to Application No	NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A new nitrogen-containing organosilicon compound contains tertiary amine groups and carbonyl groups wherein the tertiary amine groups are selected from R1R2N- (where R1 and R2 are the same or different univalent hydrocarbon groups of 1-15 carbon atoms), alicyclic amino groups, or heterocyclic amino groups containing in their rings one or more tertiary amine groups.

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 26/09/2005**

(21) **Application No.: 01916/KOLNP/2005**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **ACOUSTICALLY EFFECTIVE NONWOVEN MATERIAL FOR VEHICLE LINERS**

(51) **International classification** : **D04H 13/00, B60R 13/08, B32B 5/26,**
(31) **Priority Document No** : **555/03**
(32) **Priority Date** : **31/03/2003**
(33) **Name of priority country** : **SWITZERLAND**

(86) **International Application No and Filing Date:** : **PCT/CH2004/000193 30/03/2004**

(87) **International Publication No** : **WO 2004/088025 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
RIETER TECHNOLOGIES AG

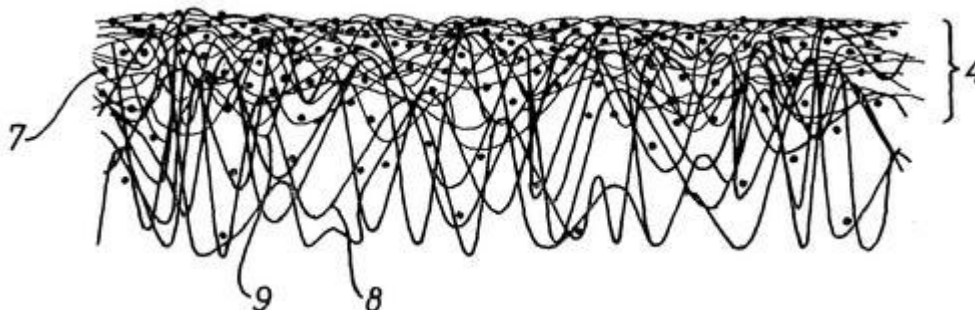
Address of the Applicant:
SCHLOSSTALSTRASSE 43, CH-8406
WINTERTHUR, SWITZERLAND

(72) **Name of the Inventor: 1.ANDEREGG, PETER**

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

An acoustically effective nonwoven for linings of motor vehicles comprises a porous fibrous skeleton made of coarse fibers (8). These coarse fibers (8) comprise in particular staple fibers or spun-bonded fibers. A continuously changing weight quota of melted-on microfibrinous material (7) is foreseen in a front and/or rear surface region (4). This melted-on microfibrinous material (7) clings to the coarse fibers (8) and bonds these in such a manner that the nonwoven has a predetermined airflow resistance and is stiffened at least in its surface region (4). The airflow resistance in the surface region (4) has a value of between 200 - 60000 Nsm⁻³, in particular between 800 - 35000 Nsm⁻³, preferably between 1000 - 20000 Nsm⁻³, and mainly about 1400 Nsm⁻³. The bending stiffness of this fibrous nonwoven has a value of between 0.005 and 10 Nm, and in particular a value of between 0.25 and 6.0 Nm.



(FIG.4)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 06/10/2005**

(21) **Application No.: 01986/KOLNP/2005**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **“CONTROLLED VOLUME INJECTION/ASPIRATION DEVICE”**

(51) **International classification** : **A61M 5/315**

(31) **Priority Document No** : **60/463,638**

(32) **Priority Date** : **16/04/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US2004/011777**
15/04/2004

(87) **International Publication No** : **WO 2004/093949 A1**

(61) **Patent of addition to Application No** : **NIL**

: **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
ALLERGAN, INC.,

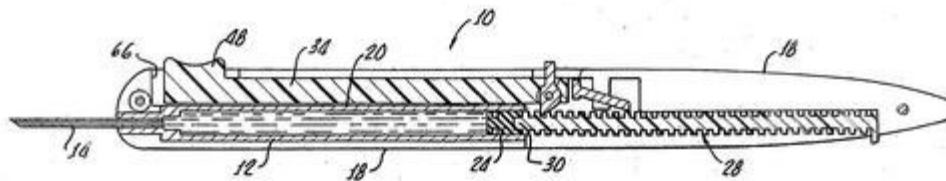
Address of the Applicant: 2525 DUPONT
DRIVE, T2-7H, IRVINE, CA 92612, U.S.A

(72) **Name of the Inventor:**
1. GERONDALE SCOTT J
2. KIMMELL STEVEN D
3. FIELD JEFFERY

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A controlled volume injection/ aspiration device includes a syringe having a body for containing a medicament, a needle and a piston slidably disposed within the body. A shell is provided for receiving the syringe body and a plunger rack is disposed within the shell. A manually operated control is disposed in an operative relationship with the plunger rack for moving the plunger rack in a stepwise forward direction causing the piston to eject discrete doses of medication from the syringe body through the needle. The manual operated control is also operative for moving the piston in a stepwise reverse direction causing the piston to aspirate fluid into the syringe body through the needle.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 02105/KOLNP/2005**

A

(22) **Date of filing of Application: 25/10/2005**

(43) **Publication Date: 01/06/2007**

(54) **Title of the invention:** : **A SUPPORT ARRANGEMENT FOR USE IN SUPPORTING A BONE DURING A SURGICAL OPERATION**

(51) **International classification** : **A61B 17/15**
(31) **Priority Document No** : **2003901738**
(32) **Priority Date** : **14/04/2003**
(33) **Name of priority country** : **AUSTRALIA**
(86) **International Application No and Filing Date:** : **PCT/AU2004/000486**
14/04/2004
(87) **International Publication No** : **WO 04/089181 A2**

(61) **Patent of addition to Application No** : **NIL**
:
Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: INTERNATIONAL PATENT OWNERS (CAYMAN) LIMITED**

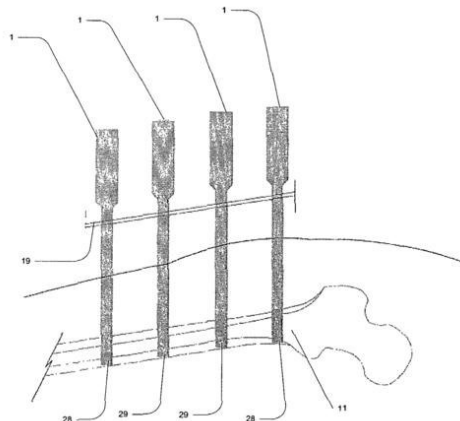
Address of the Applicant:
WALKER HOUSE P.O. BOX 908GT, ST. MARY GRAND CAYMAN, CAYMAN ISLAND

(72) **Name of the Inventor:**
1. SHERRY, EUGENE
2. EGAN, MICHAEL
3. LYE, BOB

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

A support arrangement for use in supporting a bone (11) during a surgical operation. The arrangement includes one or more supports (1) located by a guide means (19), each support including means (6, 7) to fit around and support said bone during said operation.



(FIG.7)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 09/11/2005

(21) Application No.: 02215/KOLNP/2005

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : PRINTED CIRCUIT DEVICE WITH INTEGRATED ANTENNA AND IMPLANTABLE SENSOR PROCESSING SYSTEM WITH INTEGRATED PRINTED CIRCUIT BOARD ANTENNA

(51) International classification : H05K 1/16, 1/02

(31) Priority Document No : 60/462,695

(32) Priority Date : 15/04/2003

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

(86) International Application No and Filing Date: : PCT/US2004/011393
14/04/2004

(87) International Publication No : WO 2004/093504 A3

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
SENSORS FOR MEDICINE AND SCIENCE, INC.,

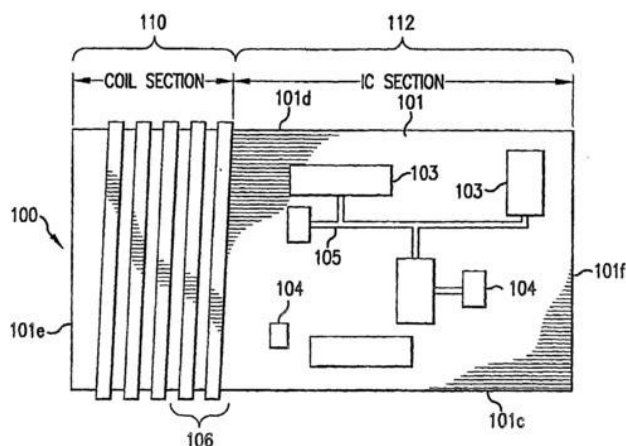
Address of the Applicant:
12321 MIDDLEBROOK ROAD, GERMANTOWN,
MARRYLAND 20874, U.S.A

(72) Name of the Inventor: 1. COLVIN, JR.,
ARTHUR E
2. GERIG JOHN, S
3. ZERWEKH, PAUL, SAMUEL
4. LESH, JEFFERY, C
5. MCLEOD, BENJAMIN, M

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A printed circuit device used in conjunction with inductive power and data transmission applications is formed substantially of ferrite material, with an inductive coil conductor formed around the substrate to increase the electromagnetic properties of the coil for both power and data transmission functions, thereby eliminating the need for a discrete ferrite core wire-wound coil to be connected to the circuit device.



(FIG.1)

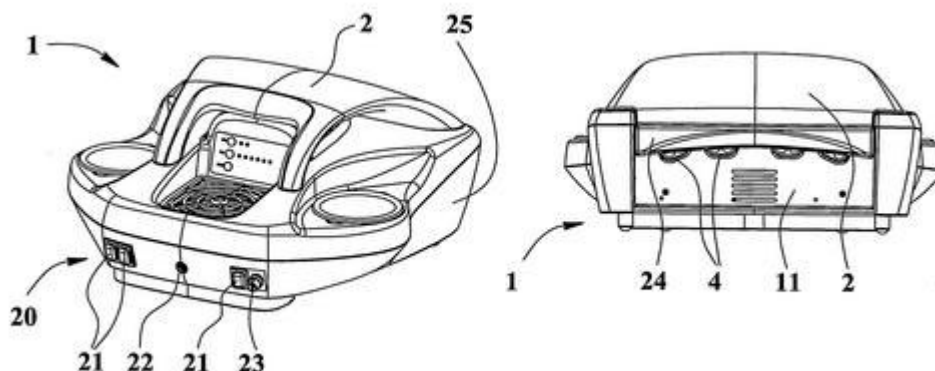
(12)	PATENT APPLICATION PUBLICATION	(21)	Application No.: 02293/KOLNP/2005	A
(19)	INDIA	(43)	Publication Date: 01/06/2007	
(22)	Date of filing of Application: 17/11/2005			

(54) **Title of the invention:** : **“DEVICE FOR BEAUTY TREATMENT OF LIMBS”**

(51)	International classification	: A45D 29/20	(71) Name of Applicant: C.M.L.S.R.L Address of the Applicant: VIA UGO LA MALFA, 37, I-61030, BELLOCCHI DI FANO ITALY (72) Name of the Inventor: CECCARINI, MARCELLO Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(31)	Priority Document No	: B02003 A000265	
(32)	Priority Date	: 05/05/2003	
(33)	Name of priority country	: ITALY	
(86)	International Application No and Filing Date:	: PCT/IB2004/001367 04/05/2004	
(87)	International Publication No	: WO 2004/098345 A1	
(61)	Patent of addition to Application No	: NIL	
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

A device for beauty treatment of limbs includes at least: a first support (2) for at least one limb portion fit for allowing an operator to operate on said portion by using tools, products and material; aspirator means (3) fit to suck air with powders and/or vapors of products used for the beauty treatment of limbs and fit to reintroduce the purified air in the environment; a set of lamps (4) for the treatment of the limb portion or for working on products applied to the limb.



(FIG.5 &7)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 02298/KOLNP/2005

A

(22) Date of filing of Application: 17/11/2005

(43) Publication Date: 01/06/2007

(54) Title of the invention: : METHOD FOR OPERATION OF A WIND ENERGY PLANT

(51) International classification : F03D 7/04
(31) Priority Document No : 103 23 785.2
(32) Priority Date : 23/05/2003
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date: : PCT/EP2004/005164
14/05/2004
(87) International Publication No : WO 2004/104412 A1

(71) Name of Applicant: WOB BEN, ALLOYS
Address of the Applicant:
ARGESTRASSE 19, 16607 AURICH
GERMANY

(72) Name of the Inventor:
WOB BEN, ALLOYS

(61) Patent of addition to Application No : NIL
Filed on : NIL

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

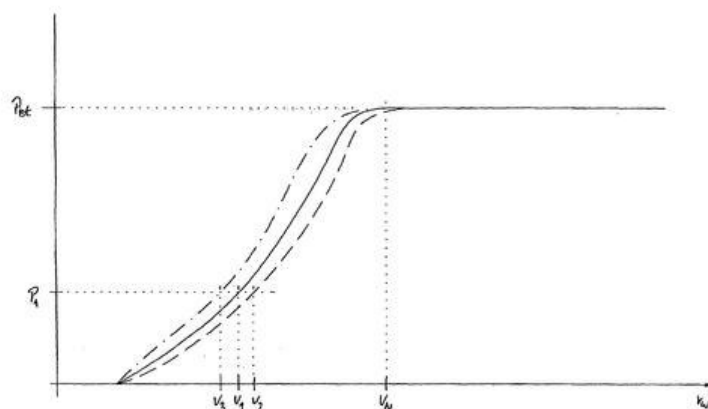
(62) Divisional to Application No : NIL
Filed on : NIL

(57) Abstract:

The present invention relates to a method for operating a wind turbine with the steps: detection of the values of predetermined operating parameters by means of suitable sensors, detection of at least one predetermined initial condition, comparison of the detected values to stored values of the operating parameters. The invention further relates to a wind turbine for implementing the method.

Therefore, the object of the present invention is to be able to adapt the operation of a wind turbine to changes using a method of the type named above, such that when the detected parameter values deviate from the stored parameter values, as a function of the initial condition, either the stored parameter values are adapted to the detected parameter values or the operation of the wind turbine is influenced as a function of the detected parameter values.

In this way, the invention is based on the knowledge that, from a pragmatic view, the formation of ice on a rotor blade is also a (temporary, meteorologically-related) change to the rotor blade shape. From this it follows that the formation of ice on the rotor blades always leads to a change of the aerodynamic profile and thus to a negative effect of the output of the wind turbine. However, deviations from this shape and thus deviations in the magnitude of the generated output also result just from manufacturing-dependent deviations of the rotor blades from the predetermined optimum shape and from gradual soiling of the rotor blades during operation.



(FIG.3)

(12) PATENT APPLICATION PUBLICATION			
(19) INDIA		(21) Application No.: 00079/KOLNP/2006	A
(22) Date of filing of Application: 10/01/2006		(43) Publication Date: 01/06/2007	

(54) Title of the invention: : METHOD FOR PREPARING A PHOTOCATALYTIC COATING INTEGRATED INTO GLAZING HEAT TREATMENT

(51) International classification : C03C 17/245 , C03C 17/34	(71) Name of Applicant: SAINT-GOBAIN GLASS FRANCE
(31) Priority Document No : 0308975	Address of the Applicant:
(32) Priority Date : 23/07/2003	“LES MIROIRS”-18 AVNUE D’ALSACE F-
(33) Name of priority country : FRANCE	92400 COURBEVOIE FRANCE
(86) International Application No and Filing Date: PCT/FR2004/001927 21/07/2004	(72) Name of the Inventor:
(87) International Publication No : WO 2005/009914 A2	1. LABROUSSE LAURENT
(61) Patent of addition to Application No : NIL	2. NADAUD NICOLAS
Filed on : NIL	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(62) Divisional to Application No : NIL	
Filed on : NIL	

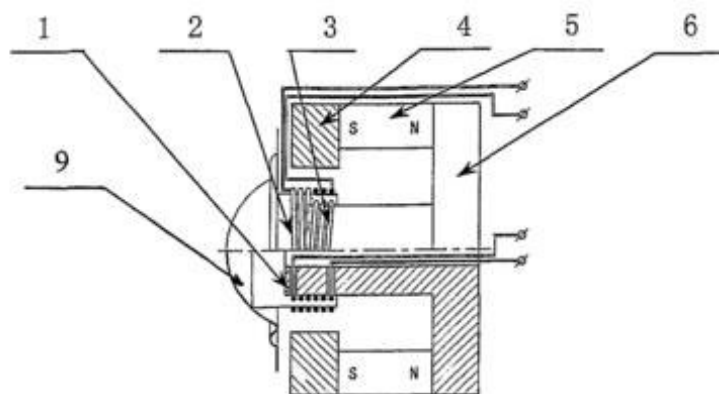
(57) Abstract:

The invention relates to a method for preparing a material exhibiting photocatalytic properties and comprising at least partially crystallised titanium oxide, in particular in the form of anatase at temperatures higher than 600 °C. Said invention also relates to a glass sheet whose at least one face is coated with a material which contains titanium oxide and is thermally treatable at a temperature higher than 600 °C by such methods as quenching and/or bowing, but preserving the photocatalytic activity and required optical properties thereof for a clean-surface glazing. The invention also relates to a monolithic foliated glazing which is simple or multilayer and comprises said glass sheet, and to the use of said glazing for a building, a transport vehicle, as an ordinary glazing, for interior use, street furniture, mirror, a display system screen and photovoltaic glazing.
(FIG.nil)

(12) PATENT APPLICATION PUBLICATION				
(19)	INDIA		(21) Application No.: 00095/KOLNP/2006	A
(22)	Date of filing of Application: 12/01/2006		(43) Publication Date: 01/06/2007	
(54)	Title of the invention:	: “A LOW-INDUCTANCE ELECTROMAGNETIC DRIVE WITHOUT DRIVING THE MAGNETIC FLUX CIRCUIT”		
(51)	International classification	: H04R 9/00	(71)	Name of Applicant: YUYAO TEMPERATURE INSTRUMENT FACTORY CO. LTD.
(31)	Priority Document No	: 03149226.6		
(32)	Priority Date	: 18/06/2003		
(33)	Name of priority country	: CHINA		
(86)	International Application No and Filing Date:	: PCT/CN2004/000638 14/06/2004		Address of the Applicant:103 DONGCHAO STREET, YUYAO CITY, ZHEJIANG PROVINCE, CHINA
(87)	International Publication No	: WO 2004/112429 A1	(72)	Name of the Inventor: WU QIJUN
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

The present invention relates to a low-inductance electromagnetic drive without driving magnetic flux circuit, which comprises a magnetic pole, a drive coil, an upper magnetic inductive board, a permanent magnet and a lower magnetic-inductive board. The magnetic pole is integrated with the lower magnetic-inductive board, and the permanent magnet is located between the upper magnetic-inductive board 4 and lower magnetic-inductive board 6. The drive coil is covered around the magnetic pole and is movable in the axial direction. The electromagnetic drive further comprises the fastening coil, and the fastening coil is fastened to a certain proper place of the magnetic flux circuit of the drive coil, furthermore the fastening coil is connected with the drive coil in opposite phase, and the present invention is characterized in that the drive source applies the excitation to the fastening coil initiatively as quantity as the drive coil but in opposite phase, so that the excitation energy generated by the current flowed through the speaker for the magnetic flux circuit system is reduced to the minimum, the inductance quantity of the speaker is decreased to the minimum, the sound distortion of the vibration system connected with the drive coil is decreased.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00118/KOLNP/2006

A

(22) Date of filing of Application: 13/01/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: : SURFACE MOUNTABLE ELECTRET CONDENSER MICROPHONE

(51) International classification : H04R 1/04 , 19/04

(31) Priority Document No : 10-2003-0052193

(32) Priority Date : 29/07/2003

(33) Name of priority country : KOREA

(86) International Application No and Filing Date: : PCT/KR2003/001758
29/08/2003

(87) International Publication No : WO 2005/013641 A1

(61) Patent of addition to Application No : NIL

:

Filed on : NIL

(62) Divisional to Application No : NIL

:

Filed on : NIL

(71) Name of Applicant: BSE CO., LTD.

Address of the Applicant:58-B-4L, 626-3,
GOZAN-DONG, NAMDONG-GU, INCHEON-
SI, KOREA

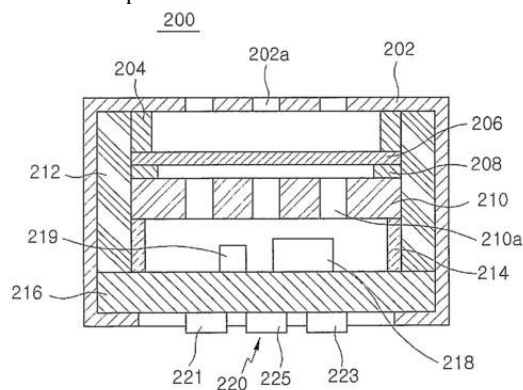
(72) Name of the Inventor:

1. SONG, CHUNGDAM
2. CHUNG EEKJU
3. KIM HYUNHO
4. PARK, SUNGHO

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

Disclosed is an electret condenser microphone capable of surface mounting which has a structure highly resistant to high temperature. The electret condenser microphone comprises a case, a polar ring, a diaphragm, a spacer, a back-plate, a first base, a second base and a printed circuit board (PCB), wherein the first base surrounds the diaphragm, the spacer and the back-plate, so that the first base prevents characteristics of an electret formed on any one of the diaphragm and the back-plate from being deteriorated in a reflow process for surface mounting. Further, in order to prevent sensitivity of the electret condenser microphone from being lowered due to decrease of an electrical potential value of the electret in the reflow process. High gain IC devices are used. The electret condenser microphone capable of surface mounting can be obtained by, first, using main components made from a high-temperature resistant insulating material, for example, a polymer-, a plastic- or a fluoro resin-based material, second, constructing the first base to surround acoustic based components, third, using a cream solder for high temperature to bond components to the PCB, fourth, using the high gain IC devices, fifth, providing the connecting terminal with gas discharge grooves and protruding the connecting terminal to be higher than a curled surface of the electret condenser microphone.



(FIG.2)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 16/01/2006**

(21) **Application No.: 00125/KOLNP/2006**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **“HEATING ARRANGEMENTS”**

(51) **International classification** : **D02J 13/00, D02G 1/02**

(31) **Priority Document No** : **0316947.1**

(32) **Priority Date** : **19/07/2003**

(33) **Name of priority country** : **GB**

(86) **International Application No and Filing Date:** : **PCT/IB2004/002250 09/07/2004**

(87) **International Publication No** : **WO 2005/007951 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant: ALLEE CHARLES BARON**

Address of the Applicant:

Z.I.LES AUREATS F-26014 VALENCE CEDEX
FRANCE.

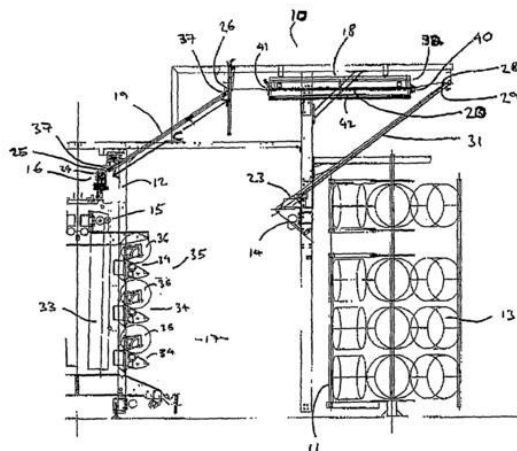
(72) **Name of the Inventor:**

1. **NAYLOR GEOFFREY**
2. **CHAUHAN BIPIN**

**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) Abstract:

A heating arrangement in a textile machine for texturing textile yarns by false twisting, heating and cooling the false twisted yarns, comprising yarn feeding devices, a heating device with a heated surface, a cooling zone and a false twisting device, wherein the feeding devices are operable to feed a yarn along a substantially longitudinal yarns path from a start point to an end point in contact with the heated surface, through the cooling zone and the false twisting device, characterised in that the heated surface is curved along the substantially longitudinal yarn path with a radius or major radius in the range 50 to 500m.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 16/01/2006

(21) Application No.: 00126/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : "MACHINE FOR YARN CABLING/TWISTING AND CONTINUOUS SETTING"

(51) International classification : D01H 13/28, D02J 1/22, D01H 1/10

(31) Priority Document No : 0309195

(32) Priority Date : 22/07/2003

(33) Name of priority country : FRANCE

(86) International Application No and Filing Date: : PCT/FR2004/050321 09/07/2004

(87) International Publication No : WO 2005/010251 A3

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: ALLEE CHARLES SASRAON

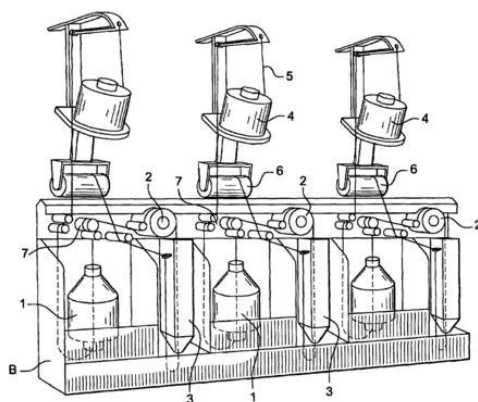
Address of the Applicant: Z/I/LES AUREATS F-26014 VALENCE CEDEX FRANCE

(72) Name of the Inventor: PUAUX BERNARD

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a machine, comprising several processing stations which integrate the following means in a combined and successive manner, according to the same work position: - means for twisting/cabling (1) a yarn, - thermosetting means, composed of a rotating heating godet (2), followed by an accumulator (3) capable of cooling and relaxing the yarn in a totally free state, without tension, and - means for winding (4) the yarn (5), said means being secured to yarn guiding and driving bodies.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 19/01/2006

(21) Application No.: 00158/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : "METHOD OF CONTROLLING A WIND TURBINE CONNECTED TO AN ELECTRIC UTILITY GRID DURING MALFUNCTION IN SAID ELECTRIC UTILITY GRID, CONTROL SYSTEM, WIND TURBINE AND FAMILY HEREOF"

(51) International classification : F03D 9/00, H02H 7/06

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : PCT/DK2003/000529 07/08/2003

(87) International Publication No : WO 2005/015012 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: VESTAS WIND SYSTEMS A/S

Address of the Applicant:

SMED SORENSENS VEJ 5, DK-6950,
RINGKOBING DENMARK

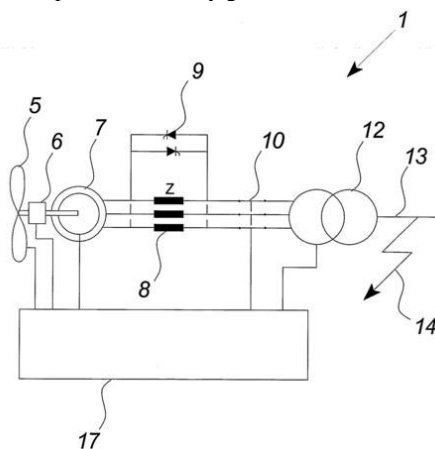
(72) Name of the Inventor:

1. REBSDORF, ANDERS VARMIING
2. JENSEN, MICHAEL HOULIND

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention relates to a method of controlling a wind turbine connected to an electric utility grid during malfunction in said electric utility grid, said method comprising the steps of detecting a malfunction in said electric utility grid and monitoring at least one physical work property of at least one component of said wind turbine. Further, the method controls the pitch of one or more win turbine blades of said wind turbine in order too keep said least one physical work property below at least one predefined limit in a time period of said malfunction. The invention also relates to a control system for a wind turbine connected and supplying electric power to a utility grid as well as a wind turbine and park hereof.



(FIG.4)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00163/KOLNP/2006

A

(22) Date of filing of Application: 20/01/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: : "DEVICE FOR DOSING AND FORMING PODS FOR PRODUCTS FOR INFUSION"

(51) International classification : B65B 29/02,1/38

(31) Priority Document No : BO2003 A000475

(32) Priority Date : 01/08/2003

(33) Name of priority country : ITALY

(86) International Application No and Filing Date: : PCT/IB2003/002503
23/07/2004

(87) International Publication No : WO 2005/012100 A1

(61) Patent of addition to Application No : NIL

:

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: I.M.A. INDUSTRIA
MACHINE AUTOMATICHE S.P.A

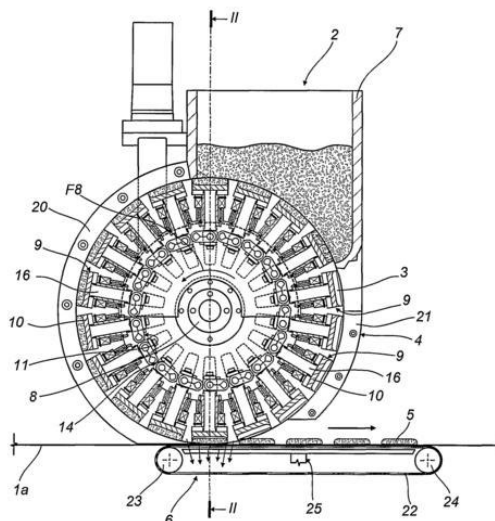
Address of the Applicant:
VIA EMILIA LEVANTE (BOLOGNA), 428-442,
I-40064 OZZANO EMILIA, ITALY

(72) Name of the Inventor: 1. CONTI ROBERTO

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A device for dosing and forming pods (1) containing a product for infusion and comprising a piece of filter material containing a dose of the product for infusion. The device comprises: a station (2) for feeding the product into at least one forming impression (3) defining a single dose of the product and made in means (4) for forming a respective compressed disk (5) of the infusion product and releasing the compressed disk (5) from the impression (3) in the filter material to form the pod (1).

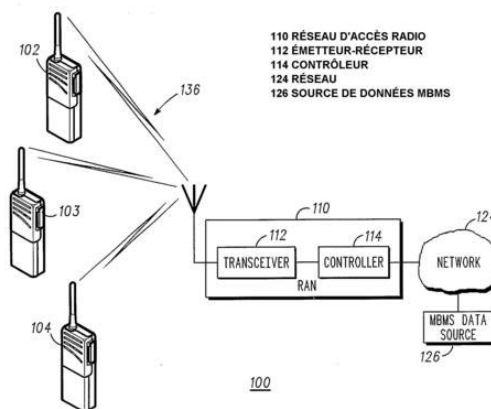


(FIG.1)

(12) PATENT APPLICATION PUBLICATION				
(19)	INDIA		(21) Application No.: 00237/KOLNP/2006	A
(22)	Date of filing of Application: 31/01/2006		(43) Publication Date: 01/06/2007	
(54)	Title of the invention:	: "METHOD FOR RADIO BEARER OPTIMIZATION THROUGH AN ADAPTIVE ACCESS PROBABILITY FACTOR"		
(51)	International classification	: G06F 15/16, H04J 3/02, 3/16	(71)	Name of Applicant: MOTOROLA, INC.
(31)	Priority Document No	: 10/874,763		Address of the Applicant: 1303, EAST ALGONQUIN ROAD, SCHAUMBUEG, ILLINOIS 60196, U.S.A
(32)	Priority Date	: 22/06/2004		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2005/011162 04/04/2005	(72)	Name of the Inventor: 1. CAI, ZHIJUN
(87)	International Publication No	: WO 2006/006965 A1		2. AL-BAKRI, BAN
				3. BURBIDGE, RICHARD C.
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The
	Filed on	: NIL		Patents (Amendment)
				Act: 2005:NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A communication system (100) determines whether to establish a point-to-point or point-to-multipoint communication for conveyance of Multimedia Broadcast Multicast Services (MBMS) data based on a number of user equipments (102-104) being serviced by the communication system for MBMS service. The system broadcasts an access probability factor (154) in a control message to the user equipments. For a large number of MBMS users being counted (158), the method will select a point-to-multipoint broadcast (160). If the number of user equipments being counted is relatively small, the access probability factor is modified by a ratio of the number of point-to-point connections over the point-to-multipoint connections over the number of users being counted (174). The UE may need to join multiple base stations' in the counting procedure to obtain the system diversity gain.

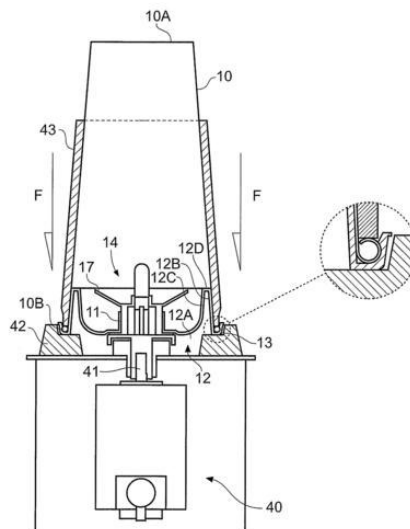


(FIG.1)

(12) PATENT APPLICATION PUBLICATION				
(19)	INDIA		(21) Application No.: 00258/KOLNP/2006	A
(22)	Date of filing of Application: 03/02/2006		(43) Publication Date: 01/06/2007	
(54)	Title of the invention:	: "MIXING APPARATUS"		
(51)	International classification	: A47J 43/042, 43/07, B65D 51/32, 43/02		
(31)	Priority Document No	: 0318584.0		
(32)	Priority Date	: 07/08/2003		
(33)	Name of priority country	: GREAT BRITAIN		
(86)	International Application No and Filing Date:	: PCT/GB2004/003432 09/08/2004		
(87)	International Publication No	: WO 2005/013787 A1		
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		
			(71) Name of Applicant: MCGILL TECHNOLOGY LIMITED	
			Address of the Applicant: MCGILL TECHNOLOGY BUILDING, ENDEAVOUR PARK, LONDON ROAD, ADDINGTON, WEST MALLING, KENT ME 19 5TW GREAT BRITAIN	
			(72) Name of the Inventor: MCGILL, SHANE, ROBERT	
			Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO	

(57) Abstract:

The invention provides mixing apparatus which has a container base (10) and a container lid (12) with the lid carrying mixing means (14) extending through the lid with at one end a mixing element and at the other end a drive connection to a drive motor. When the drive is operated the mixing element mixes the contents of the container, usually when the container inverted. The lid has a rim portion with a circumferential slot (13) and the top edge of the container (1013) is located into the slot when the lid is assembled with the container whereby to improve connection between the lid and the container during mixing. The lid within the rim portion carries the mixing means and, during mixing, the assembly is held to lock the assembly together.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 07/02/2006****(21) Application No.: 00277/KOLNP/2006****(43) Publication Date: 01/06/2007****A**

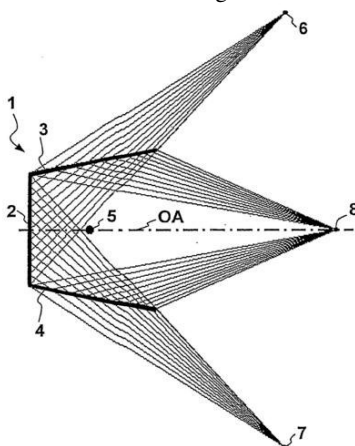
(54) Title of the invention: : LIGHTING DEVICE

(51) International classification : G07D 7/12
(31) Priority Document No : 103 41 805.9
(32) Priority Date : 10/09/2003
(33) Name of priority country : GERMANY
**(86) International Application No and Filing Date: : PCT/EP2004/009972
07/09/2004****(87) International Publication No : WO 2005/027057 A1****(61) Patent of addition to Application No : NIL****Filed on : NIL****(62) Divisional to Application No : NIL****Filed on : NIL****(71) Name of Applicant: GIESECKE & DEVRIENT GMBH****Address of the Applicant:
PRINZREGENTENSTRASSE 159, 81677
MUNCHEN, GERMANY****(72) Name of the Inventor:
I. WUNDERER, BERND****Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) Abstract:

The present invention relates to an illuminating device for linearly illuminating a flat object, in particular a bank note.

The illuminating device according to the invention for linearly illuminating a flat object, in particular a bank note, with at least one or a plurality of linearly disposed light sources, a mirror arrangement serving as a reflector that extends in parallel to the linearly disposed light sources, with an optical axis perpendicular thereto, characterized in that the mirror arrangement consists of plane mirrors, that at least one first mirror has a structure, which images the light source to form at least one linear image in parallel to the mirror arrangement, and that at least one second mirror images the at least one linear image to form a linear illumination in parallel to the mirror arrangement on the optical axis or in the proximity of the optical axis.

**(FIG.1)**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/02/2006

(21) Application No.: 00385/KOLNP/2006

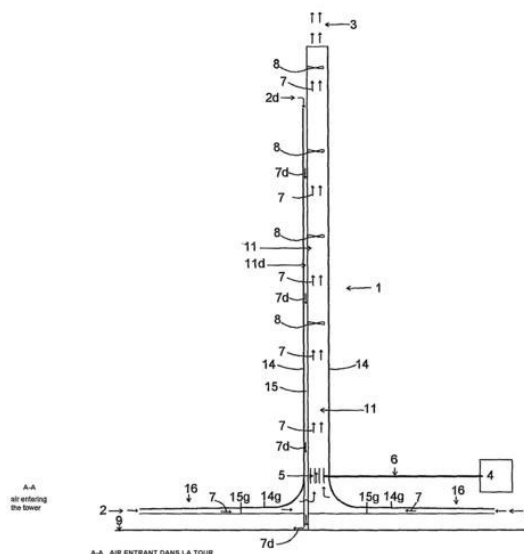
A

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: POWER GENERATION FROM SOLAR AND WASTE HEAT	
(51)	International classification	: F03G 6/04, F24J 2/05	(71) Name of Applicant: MORPH PTY LTD
(31)	Priority Document No	: 2003903767 2003905500 2004900699 2004901435	Address of the Applicant: LEVEL 3, 7 MYRTLE STREET, NORTH SYDNEY NSW 2060, AUSTRALIA
(32)	Priority Date	: 21/07/2003 08/10/2003 12/02/2004 18/03/2004	(72) Name of the Inventor: 1.STEVEN, KENESSEY
(33)	Name of priority country	: AUSTRALIA	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(86)	International Application No and Filing Date:	: PCT/AU2004/000972 21/07/2004	
(87)	International Publication No	: WO 2005/008065 A1	
(61)	Patent of addition to Application No	: NIL	
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

The invention relates to the generation of electricity and the ventilation of urban areas with the use of waste heat from air-conditioning systems, waste organic matter, fuel cells and wind. A first aspect relates to the creation of a column of rising air in a stack to drive electricity-generating turbines. A second aspect relates to the use of wind energy to create a helix shape upward flow of air that may preferably augment the functioning of the first aspect. An advantage of the system is that by transferring waste heat from urban environments above habitable areas the problem of the so-called heat island effect is greatly alleviated.



(FIG.3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/02/2006

(21) Application No.: 00392/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : STEERING GEAR FOR A MOTOR VEHICLE

(51) International classification : B62D 5/22
(31) Priority Document No : 10336628.8
(32) Priority Date : 05/08/2003
(33) Name of priority country : GERMANY
(86) International Application No and Filing Date: : PCT/EP2004/006867
25/06/2004

(87) International Publication No : WO 2005/023625 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

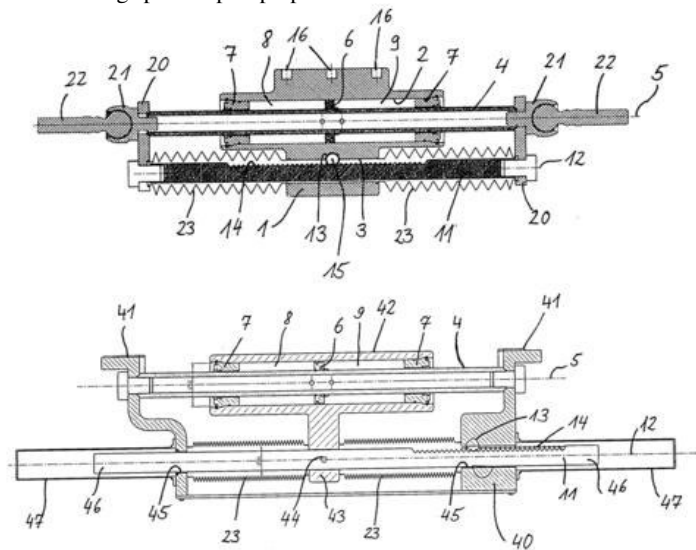
(71) Name of Applicant: THYSSENKRUPP PRESTA
STEER TEC GMBH,
Address of the Applicant:
RATHER STRASSE 51, D-40476
DUSSELDORT, GERMANY,

(72) Name of the Inventor:
1. ALBRECHT ROSENFELD,
2. DIETER LECHNER,
3. JOCHEN HORWATH,
4. UWE MAUZ,

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention relates to a steering gear comprising a steering housing (1), a rack (11) that defines an axial direction and meshes with a pinion (13), a hydraulic servo drive with a piston/cylinder unit (2) which is provided with a piston rod extending in an axial direction and a cylinder. Said piston/cylinder unit (2) can be embodied in a particularly compact manner as a result of the fact that the rack and the piston rod are disposed parallel to each other in an axial direction while being spaced apart perpendicular to said axial direction.



(FIG.1 &3)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/02/2006

(21) Application No.: 00395/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : FIXING ELEMENT FOR A SENSOR HEAD

(51) International classification : G01P 1/2, F16B 5/06, 21/02

(31) Priority Document No : 103 42 863.1

(32) Priority Date : 15/09/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/EP04/051669 30/07/2004

(87) International Publication No : WO 2005/026743 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: SIEMENS AKTIENGESELLSCHAFT

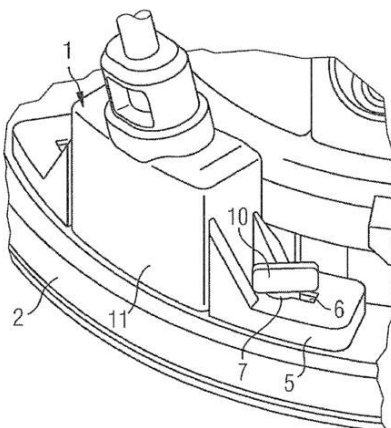
Address of the Applicant:
WITTELSBACHERPLATZ 2, 80333 MUCHE, GERMANY

(72) Name of the Inventor: RALF JAKLIN

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

The invention relates to a fixing element for a sensor head, particularly for a sensor head used to measure rotation speed or the angle of rotation, said fixing element being embodied on a fixing ring. The sensor head has a plastic housing provided with at least one leg embodied thereon which is fixed to the fixing ring by means of the fixing element. A fixing ring is provided in order to fix the sensor head to another component such as a wheel bearing. In order to connect the sensor head to the fixing ring in a simple, low-cost manner, the fixing element is embodied as a T-shaped, rotatable lug with a retaining piece which is engaged via a continuous, mainly slotted or longitudinal hole-shaped recess of the leg of the housing. The retaining piece of the rotatable lug is disposed outside the direction of extension of the longitudinal hole-shaped recess on the leg of the housing and the leg of the housing is clamped in between the retaining piece and the fixing ring.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 22/02/2006

(21) Application No.: 00407/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : AN ARRANGEMENT FOR MECHANICAL CONDENSING OF A FIBRE STRAND

(51) International classification : D01H 5/72

(31) Priority Document No : 103 44 009.7

(32) Priority Date : 15/09/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/EP04/008021
17/07/2004

(87) International Publication No : WO 2005/028720 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:
MASCHINENFABRIK RIETER AG

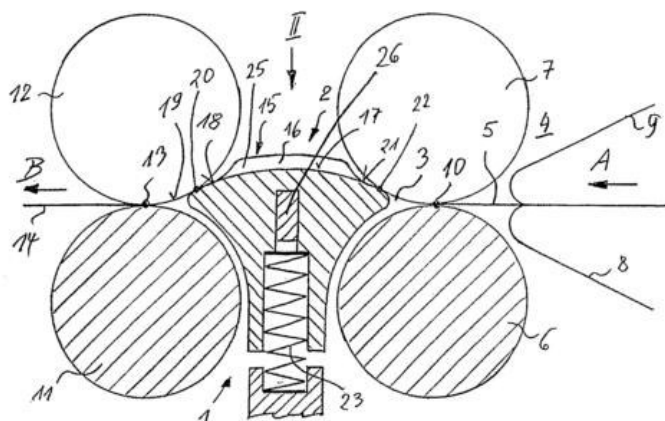
Address of the Applicant:
KLOSTERSTRASSE 20 CH 8406
WINTERTHUR SWITZERLAND

(72) Name of the Inventor: GERD STAHLLECKER

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

An arrangement for mechanical condensing of a fibre strand comprises a condensing element arranged upstream of the nipping line of a delivery roller pair. Said condensing element has a groove-like condensing slit which tapers laterally in transport direction, on whose slit base the fibre strand is guided in a sliding manner. The condensing slit has a base designed convexly in transport direction, which base is V-shaped in cross section. The slit base can be continued at the end of the condensing slit by a similarly convex-shaped fibre guiding surface of the condensing element. This fibre guiding surface can be pressed to a delivery roller of the delivery roller pair.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 23/02/2006

(21) Application No.: 00422/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : COAXIAL PLUG AND SOCKET CONNECTOR

(51) International classification : H01R 13/646

(31) Priority Document No : 1590/03

(32) Priority Date : 17/09/2003

(33) Name of priority country : SWITZERLAND

(86) International Application No and Filing Date: : PCT/CH04/000376
21/06/2004

(87) International Publication No : WO 2005/027275 A1

(61) Patent of addition to Application No : NIL
:

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:

HUBER & SUHNER AG

Address of the Applicant:

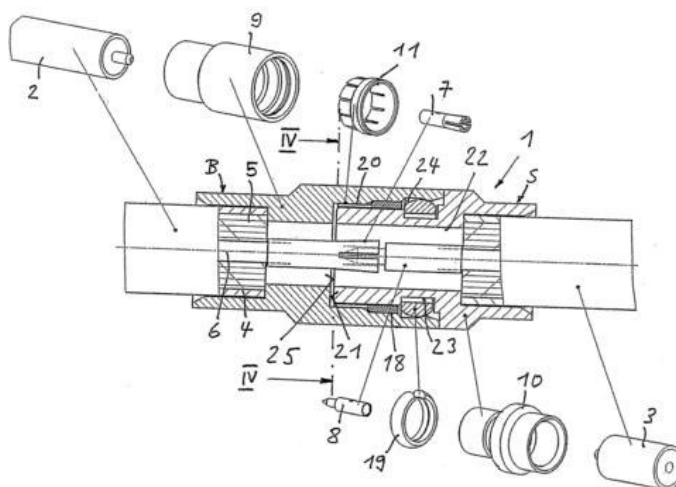
DEGERSHEIMERSTRASSE 14 9100 HERISAU
SWITZERLAND

(72) Name of the Inventor: SCHNEIDER, MARIO

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The coaxial plug-and-socket connector is for high frequencies, particularly in the GHz range, and comprises a socket part (B) and a plug part (S) as well as an elastic electrical contact element (11). The contact element (11) connects the outer conductor of the socket part (B) to the outer conductor of the plug part (S) and is placed between the plug part (S) and the socket part (B). The contact element (11) comprises a number of elastic parts (13) that, while under radial elastic stress, form a contact point (16b) to the outer conductor of the socket part (B) and a contact point to the outer conductor of the plug part (S). Said contact points (16a, 16b) preferably lie in a plane running perpendicular to the longitudinal axis of the plug-and-socket connector and near a face (25) of the plug part (S). The connector is stable up to approximately 65 GHz.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 02/03/2006**

(21) **Application No.: 00488/KOLNP/2006**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention: : VERTICAL ORGANIC FIELD EFFECT TRANSISTOR**

(51) **International classification : H01L 51/00, 29/772**

(31) **Priority Document No : 60/498,925
60/546,480**

(32) **Priority Date : 29/08/2003
19/02/2004**

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

(86) **International Application No and
Filing Date: : PCT/US2004/027579
24/08/2004**

(87) **International Publication No : WO 2005/024907 A3**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant:**
THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA

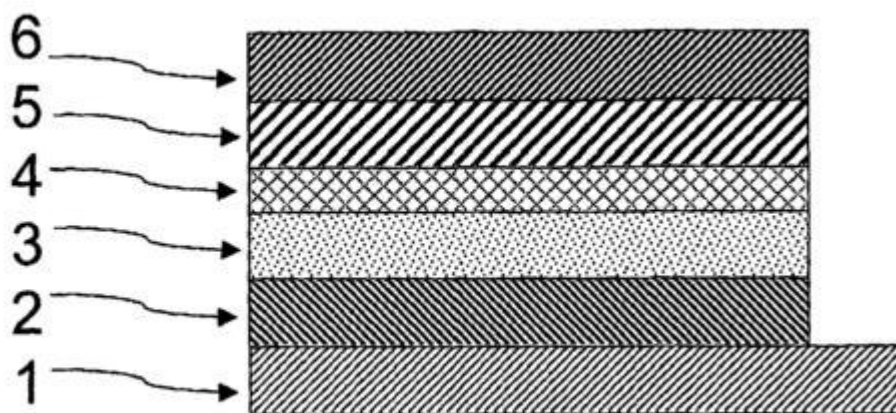
**Address of the Applicant: 1111 FRANKLIN
STREET, 12TH FLOOR, OAKLAND CA 94607-
5200, U.S.A**

(72) **Name of the Inventor:**
1. YANG, YANG
2. MA, LIPING

**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) Abstract:

A vertical organic field effect transistor that includes an active cell and a capacitor that share a common source electrode. The active cell includes a semiconductor layer that is sandwiched between a drain electrode and the common source electrode. The capacitor includes a dielectric layer that is sandwiched between a gate electrode and the common source electrode. The common source electrode allows control of electrical current between the source and drain electrodes by controlling the electrical potential that is applied to the gate electrode.



(FIG.1a)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00491/KOLNP/2006

A

(22) Date of filing of Application: 02/03/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: : METHOD FOR PREPARING A STORAGE-STABLE IVY LEAVES EXTRACT AND AN EXTRACT PREPARED ACCORDING TO SAID METHOD

(51) International classification : A61K 35/78, A61P 11/00

(31) Priority Document No : 103 45 342.3

(32) Priority Date : 19/09/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/EP04/010093
10/09/2004

(87) International Publication No : WO 2005/037299 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: ENGELHARD
ARZNEIMITTEL GMBH & CO. KG.

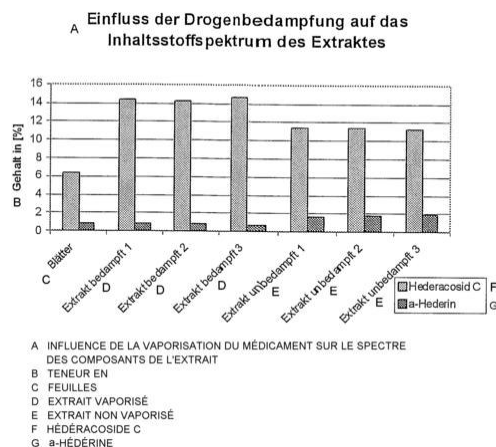
Address of the Applicant:
HERZBERGSTRASSE 3 3 61138
NIEDERDORFELDEN GERMANY

(72) Name of the Inventor: 1. FRANK RUNKEL
2. WOLFGANG SCHNEIDER
3. OLIVER SCHMIDT
4. GEORG MAXIMILIAN ENGELHARD

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention relates to a method for producing a storage-resistant ivy leaf extract by using an extracting agent, said extract comprising at least the ingredients hederacoside C and a-hederin. According to the inventive method, a certain quantity of ivy leaves is first comminuted, whereupon the comminuted quantity of ivy leaves is vaporized with hot steam, and the extracting agent is added and extracted. The obtained extract can optionally be dried.



(FIG.1a)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00501/KOLNP/2006	A
(22)	Date of filing of Application: 03/03/2006	(43)	Publication Date: 01/06/2007	

(54) **Title of the invention:** : **“METHODS FOR REDUCING COMPLEXITY OF A SAMPLE USING SMALL EPIOTOPE ANTIBODIES”**

(51)	International classification	: G01N 33/68, C07K 16/00, 14/00	(71)	Name of Applicant: TETHYS BIOSCIENCE, INC.
(31)	Priority Document No	: 60/496,154, 60/511,720		Address of the Applicant: 1900, POWELL STREET, SUITE 210, EMERYVILLE, CA 94608 U.S.A
(32)	Priority Date	: 18/08/2003, 15/10/2003		
(33)	Name of priority country	: U.S.A	(72)	Name of the Inventor:
(86)	International Application No and Filing Date:	: PCT/US2004/027005 18/08/2004		1. URDEA, MICHAEL S.
(87)	International Publication No	: WO 2005/019831 A3		2. LANDES, GREGORY MICHAEL
(61)	Patent of addition to Application No	: NIL		3. WENT, GREGORY T.
	Filed on	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

The present invention relates generally to methods for reducing the complexity of a sample. More specifically, the present invention relates to proteomics, the measurement of the protein levels in biological samples, and analysis of proteins in a sample using antibodies that recognize small epitopes.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00516/KOLNP/2006

A

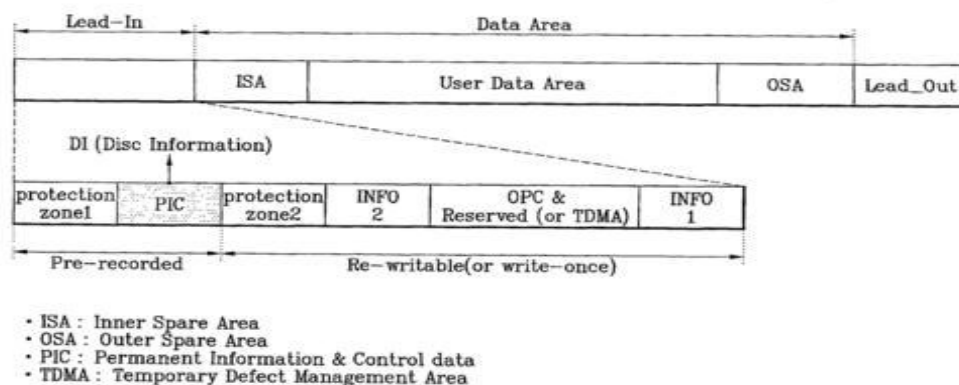
(22) Date of filing of Application: 06/03/2006

(43) Publication Date: 01/06/2007

(54)	Title of the invention:	: RECORDING MEDIUM, METHOD OF CONFIGURING CONTROL INFORMATION THEREOF,	
(51)	International classification	: G11B 5/09, G11B 7/00	(71) Name of Applicant: LG ELECTRONICS, INC.
(31)	Priority Document No	: 10-2003-0056540, 10-2003-0061785, 10-2003-0063591, 10-2003-0065628,	Address of the Applicant: 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, KOREA
			(72) Name of the Inventor: 1.SUH, SANG, WOON 2. KIM, JIN YONG
			Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(32)	Priority Date	: 14/08/2003,04/09/200 3,15/09/2003,22/09/20 03	
(33)	Name of priority country	: KOREA	
(86)	International Application No and Filing Date:	: PCT/KR2004/002041 13/08/2004	
(87)	International Publication No	: WO 2005/017882 A2	
(61)	Patent of addition to Application No	NIL	
	Filed on	: NIL	
(62)	Divisional to Application No	: NIL	
	Filed on	: NIL	

(57) Abstract:

In a recordable optical disc including at least one recording layer, write strategy information is recorded within disc control information, so that standardized disc control information can be uniformly applied to data recording and reproduction. At least one disc information is recorded as the disc control information within the management area. The disc control informations are recorded for at least one write strategy for a same writing speed and recording



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 07/03/2006**

(21) **Application No.: 00527/KOLNP/2006**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **ELECTROLYSIS DEVICE FOR TREATING A RESERVOIR OF WATER**

(51) **International classification** : **C02F 1/461, 1/467**

(31) **Priority Document No** : **60/505,895**

(32) **Priority Date** : **25/09/2003**

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

(86) **International Application No and Filing Date:** : **PCT/US04/031990**
25/09/2004

(87) **International Publication No** : **WO 2005/030651**

(61) **Patent of addition to Application No** : **NIL**

:

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
THE PROCTER & GAMBLE COMPANY,

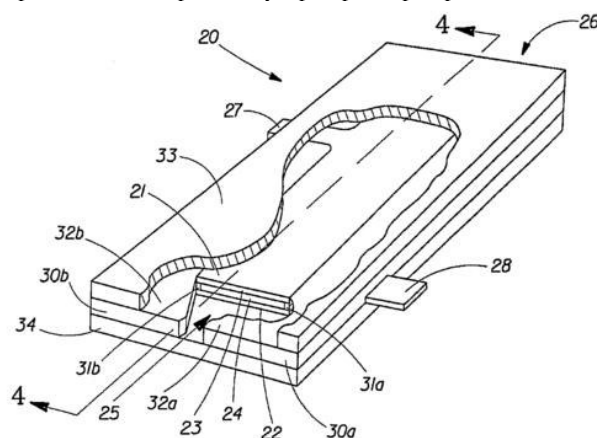
Address of the Applicant:
CINCINNATI OH 45202 U.S.A

(72) **Name of the Inventor: TREMBLAY, MARIO,**
ELMEN,

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

A self-powered self-contained electrolysis device, for placement into a reservoir of a contaminated electrolytic solution, such as water, containing halide ion, such as chloride ion, to electrolyze the water, thereby disinfecting or sterilizing the contaminated reservoir of water. Contaminated reservoirs of water can be water containers filled with river water and other outdoor sources, or can be contaminated municipal water held in kitchen containers, cooling systems, water tanks, cisterns, etc. The self-contained body allows the electrolysis device to float on or remain self-contained in the reservoir water. Preferred devices are small and portable, and comprise reliably productive electrolysis cells that are powered by batteries. A means for propulsion of the device can also be provided, and is preferably a pump that pumps the water through the electrolysis cell.



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00529/KOLNP/2006	A
(22)	Date of filing of Application: 07/03/2006	(43)	Publication Date: 01/06/2007	

(54)	Title of the invention: : SOLID-LIQUID SEPARATION OF OIL-BASED MUDS			
(51)	International classification	: E21B 21/06, C09K 7/06, B09B 3/00, B01D 17/00	(71)	Name of Applicant: CYTEC TECHNOLOGY CORP.,
(31)	Priority Document No	: 10/674,441		Address of the Applicant: 300 DELAWARE AVENUE, WILMINGTON, DE 19801 U.S.A
(32)	Priority Date	: 30/09/2003		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/023007 16/07/2004	(72)	Name of the Inventor:
(87)	International Publication No	: WO 2005/035934 A2		1. PENA, JORGE EDUARDO ADAMS
(61)	Patent of addition to Application No	NIL	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO	2. MASIAS, HENRY
	Filed on	: NIL		3. HUANG, SUN-YI
(62)	Divisional to Application No	: NIL		4. FARINATO, RAYMOND
	Filed on	: NIL		

(57) Abstract:

This invention relates to a method of achieving a solid-liquid separation of an oil-based mud comprising the step of contacting said oil-based mud with a water-in-oil emulsion comprising a polymer derived from at least one water-soluble monomer, where the polymer is not dissolved prior to contact with the oil-based mud, mixing the water-in-oil emulsion and the oil-based mud and separating the solid phase from the liquid phase in the oil-based mud. In addition, this invention also relates to a composition comprising an oil-based mud with a water-in-oil emulsion comprising a polymer derived from at least one water-soluble monomer, wherein the polymer is not dissolved prior to contact with the oil-based mud.
(FIG.nil)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00607/KOLNP/2006	A
(22)	Date of filing of Application: 15/03/2006	(43)	Publication Date: 01/06/2007	

(54)	Title of the invention:	: APPARATUS FOR SYNTHESIZING AN OXIDANT		
(51)	International classification	: C01G 49/02, B01J 8/00, C01G 49/00, C02F 1/72	(71)	Name of Applicant: FERRATE TREATMENT TECHNOLOGIES, LLC
(31)	Priority Document No	: 10/647,137		Address of the Applicant: 1322 WALTHAM AVENUE BELLE ISLE, FL 32809 U.S.A
(32)	Priority Date	: 21/08/2003		
(33)	Name of priority country	: U.S.A		
(86)	International Application No and Filing Date:	: PCT/US2004/025978 11/08/2004	(72)	Name of the Inventor:
(87)	International Publication No	: WO 2005/021438 A1		1. POWELL, DUANE
				2. DAILY, LUKE, J
				3. CIAMPI, LEE, EDWARD
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

Disclosed herein is a device for the synthesis of ferrate, comprising, a plurality of containers 102 to hold starting materials; a measuring unit to measure an amount of said starting materials; a mixer to mix said measured amount of said starting materials; a reaction chamber, wherein said mixed starting materials react to produce ferrate; and a drain through which said ferrate is obtained; wherein said drain is located at a site proximal to the site of use of said ferrate.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 21/03/2006

(21) Application No.: 00658/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : SIM CARD BASED BILLING

(51) International classification : H04M 15/00,
15/30,17/00, 15/28,
15/02
(31) Priority Document No : 2004/4921
(32) Priority Date : 22/06/2004
(33) Name of priority country : SOUTH AFRICA
(86) International Application No and
Filing Date: : PCT/IB2005/001764
22/06/2005
(87) International Publication No : WO 2006/000884 A1
(61) Patent of addition to Application No : NIL
:
Filed on : NIL
(62) Divisional to Application No : NIL
:
Filed on : NIL

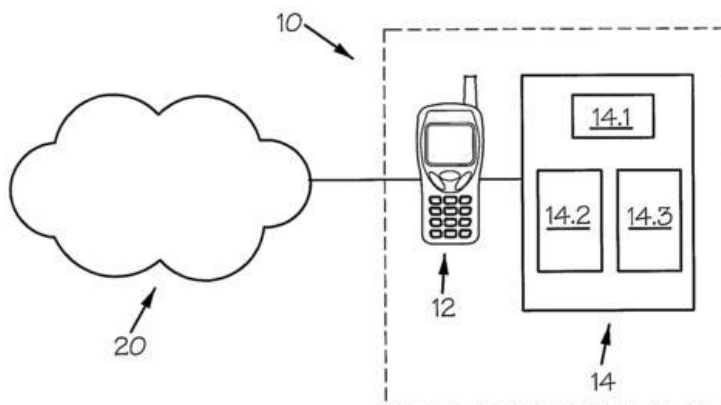
(71) Name of Applicant:
THE JAVA SIM PROJECT (PTY) LTD.

Address of the Applicant:
GREAT WESTERFORD BUILDING CNR
DEAN AND MAIN ROAD, 7700
RONDEBOSCH, ASOUTH AFRICA
(72) Name of the Inventor:
1. BERRY, PETER, ANDREW
2. CONRADE, MARIUS, JACQUES

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention provides a method of billing for use of a telephone (12) which has an electronic identification module, typically a SIM card (14). The method includes storing on the identification module account information (14.2) relating to a telephone account for use of the telephone (12), and automatically adjusting the account information (14.2) in response to billable use of the telephone (12). The SIM card (14) permits the setting of a maximum call cost, so that the telephone (12) can be used as a payphone. The invention extends to a SIM card (14) which is configured for managing billing for use of a telephone (12) to which the SIM card (14) is, in use, connected.



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00660/KOLNP/2006
(22)	Date of filing of Application: 21/03/2006	(43)	Publication Date: 01/06/2007

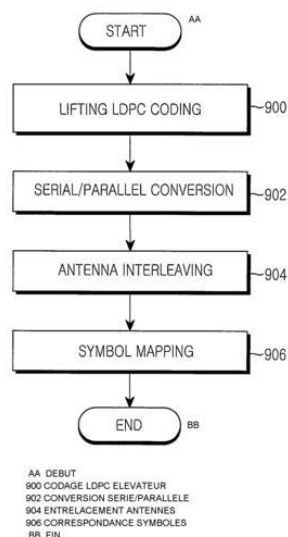
A

(54) **Title of the invention:** : **METHOD AND APPARATUS FOR SPACE-TIME CODING USING LIFTING LOW DENSITY PARITY CHECK CODES IN A WIRELESS COMMUNICATION SYSTEM**

(51)	International classification	: H04L 1/06, H04B 7/02	(71)	Name of Applicant: SAMSUNG ELECTRONICS CO., LTD.
(31)	Priority Document No	: 10-2003-0070997		Address of the Applicant: 416, MAETON-DONG, YEONGTONG -GU, SUWON-SI, GYEONGGI-DO KOREA
(32)	Priority Date	: 13/10/2003		
(33)	Name of priority country	: KOREA		
(86)	International Application No and Filing Date:	: PCT/KR04/002596 12/10/2004	(72)	Name of the Inventor: 1. HONG-SIL JEONG 2. JAE-YOELKIM 3. CHAN-BYOUNG CHAE
(87)	International Publication No	: WO 2005/036774 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

A mobile communication system and method for transmitting signals through a plurality of transmission antennas by space-time coding the signals. The signals are transmitted using a low density parity check code. A lifting low density parity check matrix is formed by expanding values of elements in a low density parity check matrix with a sub-matrix corresponding to a number of the transmission antennas. The signals to be transmitted are coded using the lifting low density parity check matrix. Thereafter, the coded signals are serial/parallel converted and transmitted through the transmission antennas.



(FIG.9)

(12)	PATENT APPLICATION PUBLICATION			
(19)	INDIA	(21)	Application No.: 00676/KOLNP/2006	A
(22)	Date of filing of Application: 22/03/2006	(43)	Publication Date: 01/06/2007	

(54) **Title of the invention:** : **CLEANSING COMPOSITION**

(51)	International classification	: C11D 1/10, 1/37	(71)	Name of Applicant: ASAHI KASEI CHEMICALS CORPORATION
(31)	Priority Document No	: 2003-344358		Address of the Applicant:1-2, YURAKU-CHO 1- CHOME, CHIYODAKU, TOKYO, JAPAN
(32)	Priority Date	: 02/10/2003		
(33)	Name of priority country	: JAPAN		
(86)	International Application No and Filing Date:	: PCT/JP2004/013887 24/09/2004	(72)	Name of the Inventor: 1.KIDA YUSUKE 2. TAMURA YOSHINAGA
(87)	International Publication No	: WO 2005/032509 A1		
(61)	Patent of addition to Application No	: NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
	Filed on	: NIL		
(62)	Divisional to Application No	: NIL		
	Filed on	: NIL		

(57) Abstract:

There is provided a cleansing composition which has creamy foaming and excellent cleansing power, provides no stretched feeling of skin after rinsing and a refreshed feeling of skin, is excellent in storage stability and exhibits no reduction in physical properties, formation of precipitates and yellowing during a long-term storage period by combining N-acyl-aspartic acid or a salt thereof and N-acyl-diaspartic acid or a salt thereof, which have the same molecular structure of the N-acyl group, with a higher fatty acid or a salt thereof which has the same alkyl group as that of the above described N-acyl residue.

(FIG.nil)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 23/03/2006

(21) Application No.: 00690/KOLNP/2006

(43) Publication Date: 01/06/2007

A

(54) Title of the invention: : AN ELECTROLYTIC CELL FOR REMOVAL OF MATERIAL FROM A SOLUTION

(51) International classification : C25B 3/12, 3/02, 1/00, C25C 5/02, 7/00

(31) Priority Document No : 60/502,950

(32) Priority Date : 16/09/2003

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

(86) International Application No and Filing Date: : PCT/CA2004/001686 16/09/2004

(87) International Publication No : WO 2005/026412 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: GLOBAL IONIX INC.

Address of the Applicant:

25 AA DE LAUZON, BOUCHERVILLE, QUEBEC J4B 1E7, CANADA

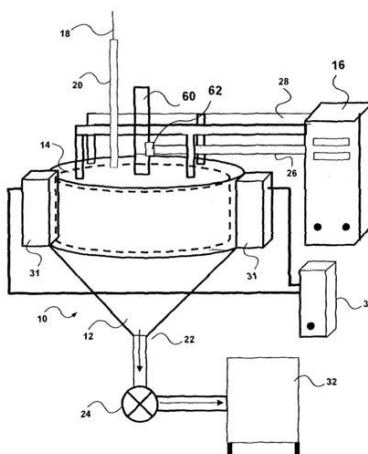
(72) Name of the Inventor:

HENUSET, YVES, MICHEL

Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO

(57) Abstract:

Disclosed is an electrolytic cell for removal of material from a solution. The cell comprises a cavity for receiving the solution, a rotatable electrode located within the cavity, a counter-electrode in spaced relation to the rotatable electrode, and an ultrasonic generator coupled to said cavity for directing ultrasonic energy toward the rotatable electrode to displace solid material extracted from the solution by an electrochemical reaction. The rotatable electrode may form a cathode, and the counter-electrode may form an anode, wherein metal in the solution is deposited on the cathode as a metal powder, such that the ultrasonic energy displaces the metal powder from the cathode. Alternatively, the rotatable electrode may form an anode, and the counter-electrode may form a cathode, wherein organic waste in the solution is deposited on the anode, such that the ultrasonic energy removes the deposited organic waste from the anode.

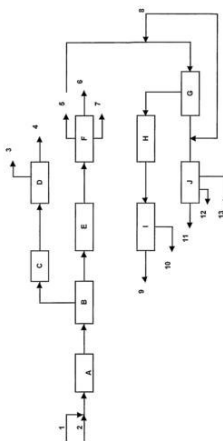


(FIG.1)

(19)	INDIA	(21)	Application No.: 00723/KOLNP/2006	A
(22)	Date of filing of Application: 27/03/2006	(43)	Publication Date: 01/06/2007	

(51)	International classification	:	C10M 175/02	(71)	Name of Applicant: SENER GRUPO DE INGENIERIA, S.A
(31)	Priority Document No	:	P200302203		
(32)	Priority Date	:	23/09/2003		
(33)	Name of priority country	:	SPAIN		Address of the Applicant:
(86)	International Application No and Filing Date:	:	PCT/ES2004/000418 23/09/2004		XSEVERO OCHOA, 4PTM, E-28760, TRES CANTOS, MADRID, SPIAN
(87)	International Publication No	:	WO 2005/028600 A1	(72)	Name of the Inventor: 1. ANGULO ARAMBURU, JERONIMO
(61)	Patent of addition to Application No	:	NIL		
	Filed on	:	NIL		Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
(62)	Divisional to Application No	:	NIL		
	Filed on	:	NIL		

The invention relates to a method for the regeneration of used oils of petroleum origin. The inventive method comprises the following steps: (a) stripping of the used mineral oil, in which said oil is chemically treated with an aqueous solution comprising a chemical reagent containing anions which form salts that are poorly soluble with the metals of the oil, followed by separation of the stripped oil; (b) distillation of the stripped oil obtained in step (a) at atmospheric pressure and in the presence of alkaline hydroxides; and (c) distillation of the liquid residue obtained during the atmospheric distillation in step (b) under a vacuum and in the presence of alkaline hydroxides in order to obtain lubricant bases.



15187

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00752/KOLNP/2006
(22)	Date of filing of Application: 29/03/2006	(43)	Publication Date: 01/06/2007

A

(54) Title of the invention: : "TURNING DEVICE FOR CONVEYOR"

(51) International classification : B66B 21/02
(31) Priority Document No : 20031590
(32) Priority Date : 03/11/2003
(33) Name of priority country : FINLAND
(86) International Application No and Filing Date: : PCT/FI2004/000621
20/10/2004
(87) International Publication No : WO 2005/042391 A1
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

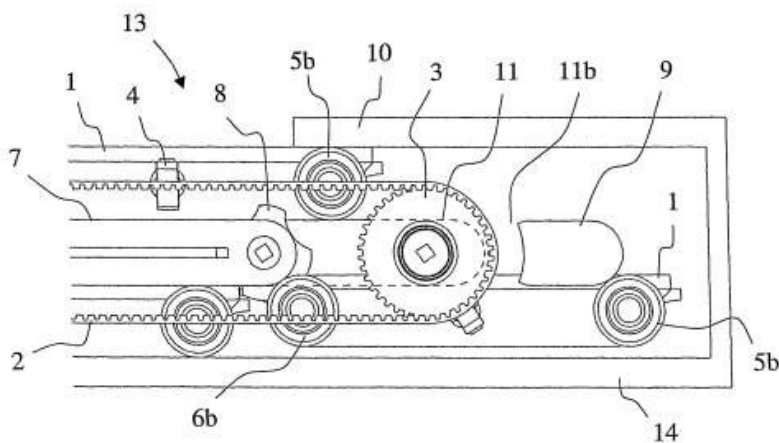
(71) Name of Applicant:
KONE CORPORATION
Address of the Applicant:
KARTANONTIE 1, FI-00330, HELSINKI,
FINLAND

(72) Name of the Inventor:
I. MUSTALAHTI JORMA
II. AULANKO ESKO

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention concerns a method and an apparatus for changing the direction of motion of a pallet (1) moving on wheels (5a, 5b, 6a, 6b) at the end of a transport conveyor or equivalent, in which transport conveyor the pallets moving in the direction of travel move on a different level than the pallets moving in the return direction, and in which method the direction of motion of the pallet (1) is changed keeping the pallet in substantially the same attitude throughout the direction changing phase. During direction change, the trailing end of the pallet (1) in the direction of travel is guided by positive control from the level of the travelling direction to the other level.



(FIG.1)

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(22) **Date of filing of Application: 30/03/2006**

(21) **Application No.: 00770/KOLNP/2006**

(43) **Publication Date: 01/06/2007**

A

(54) **Title of the invention:** : **SLIDING DEVICE FOR A THICK SUBSTANCE PUMP AND WEAR BAR FOR THE SAME**

(51) **International classification** : **F04B 7/00, 15/02**

(31) **Priority Document No** : **103 42 338.9**

(32) **Priority Date** : **11/09/2003**

(33) **Name of priority country** : **GERMANY**

(86) **International Application No and Filing Date:** : **PCT/EP2004/007404**
07/07/2004

(87) **International Publication No** : **WO 2005/033507 A1**

(61) **Patent of addition to Application No** : **NIL**

Filed on : **NIL**

(62) **Divisional to Application No** : **NIL**

Filed on : **NIL**

(71) **Name of Applicant:**
PUTZMEISTER AKTIENGESELLSCHAFT

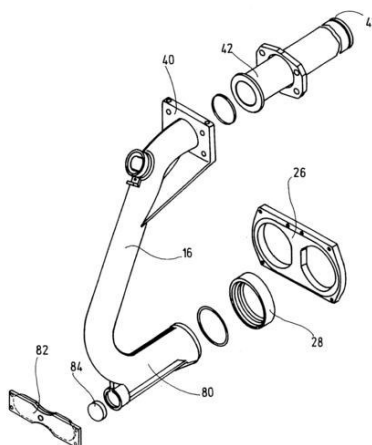
Address of the Applicant:
MAX-EYTH-STRASSE 10 72631 AICHTAL
GERMANY

(72) **Name of the Inventor:**
BACHNER, ERNST

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract:

The invention relates to a sliding device for a pump with two conveying cylinders working in push-pull operation, for conveying thick substances, with a largely C-shaped bend swing pipe gripping into a material feeding container, that can be supported in the lower region with a pressure plate (84) against a wear bar (82) arranged in the material feeding container, and which comes into contact against it in a sliding manner while swinging a swinging swing pipe. In order to ensure a uniform erosion of the wear bar (82) over the entire sliding and pressing surface, the invention suggests that it should have sliding and pressing surface (86) and a longitudinally stretched outline for the pressure plate (84) which is wider at the ends (88) than in the central region (90).



(FIG.2)

(54) Title of the invention : NON-RETURN VALVE

(51) International classification :F16K17/06
 (31) Priority Document No :102004014377.3
 (32) Priority Date :17/03/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/001124
 Filing Date :02/04/2005
 (87) International Publication No :WO2005/098284
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

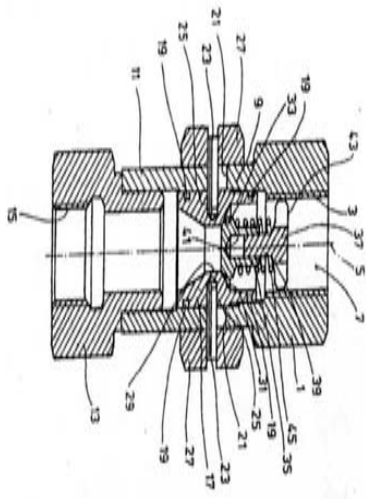
(71)**Name of Applicant :**
1)HYDAC FILTERTECHNIK GMBH
 Address of Applicant :Industriegebiet 66280 Sulzbach/Saar Germany
 (72)**Name of Inventor :**
1)KLEIN Volkmar

No of Pages : 11

No of Claims : 11

(57) Abstract :

The inventive non-return valve comprises a valve body (1) which defines an internal fluid through-opening (7) extending along the longitudinal axis (5) of the body, comprising a seat body (17) defining a valve seat (31) arranged in said through opening (7) and a closing body (35) which is axially displaceable in the through opening (7) oppositely to a closing force produced by a closing spring (45) between a closed position applied to the seat body (17) and an open position lifted from the valve seat (31) on the closing body (35), wherein the valve body (1) forms a guid along which the seat body (17) is axially displaceable in different adjusting positions corresponding to the desired preloads of the closing spring (45) and, consequently to the desired adjustments of the closing force quantity of said closing spring (45).



(54) Title of the invention : SHEET METAL WITH BEND CONTROLLING DISPLACEMENTS AND METHOD FOR FORMING THE SAME

(51) International classification :B21D 28/00
 (31) Priority Document No :10/795,077
 (32) Priority Date :03/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006646
 Filing Date :01/03/2005
 (87) International Publication No :WO 2005/082112
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

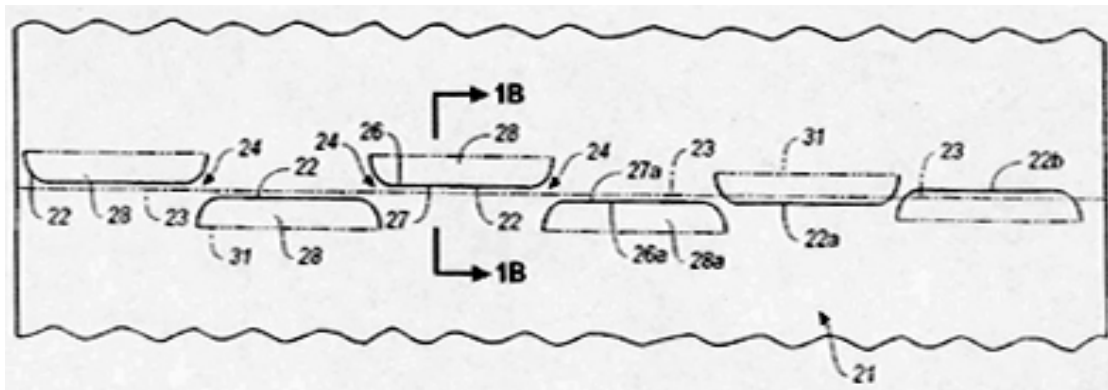
(71)Name of Applicant :
1)INDUSTRIAL ORIGAMI,LLC
 Address of Applicant :487 BRYANT STREET SAN FRANCISCO,
 CALIFORNIA 94107 U.S.A. U.S.A.
 (72)Name of Inventor :
1)DURNEY,MAX,W
2)ARNOLD , PHILIP , M

No of Pages : 45

No of Claims : 65

(57) Abstract :

A method of preparing a sheet of material for bending along a bend line comprising the step of forming of at least one displacement in the thickness direction of the sheet of material with a portion of the periphery of the displacement closest to the bend line providing an edge and opposed face configured in position to produce edge-to-face engagement of the sheet on opposite sides of the periphery during bending. The forming step is preferably accomplished using one of a stamping process, a punching process, a roll-forming process and embossing process. A sheet of material suitable for bending using the process also is disclosed, as are the use of coatings, shin guards and displacing the area of the sheet between bending inducing slits.



(54) Title of the invention : MIDSPAN PATCH PANEL WITH COMPENSATION CIRCUIT FOR DATA TERMINAL EQUIPMENT, POWER INSERTION AND DATA COLLECTION

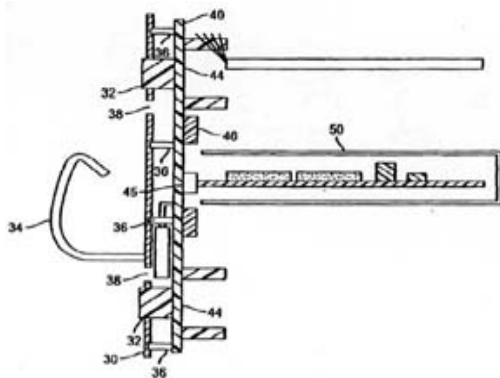
(51) International classification	:H05K7/06;H05K7/02	(71)Name of Applicant :
(31) Priority Document No	:10/791,292	1)HUBBELL INCORPORATED
(32) Priority Date	:03/03/2004	Address of Applicant :584 DERBY MILFORD ROAD,ORANGE,
(33) Name of priority country	:U.S.A.	COMMECTICUT 06477-4024 U.S.A.
(86) International Application No	:PCT/US2005/006595	(72)Name of Inventor :
Filing Date	:02/03/2006	1)ABUGHAZALEH SHADI
(87) International Publication No	:WO2005/091913	2)BAXTER ROBERT
(61) Patent of Addition to Application Number	:NA	3)MAHMOOD REHAN
Filing Date	:NA	4)MILLER ALAN
(62) Divisional to to Application Number	:NA	5)O'CONNOR MICHAEL
Filing Date	:NA	

No of Pages : 40

No of Claims : 25

(57) Abstract :

A compensating advanced feature patch panel (12) that can include removable modular (50) or fixed electronic components (46) located directly on the patch panel which are separately or in combination capable of providing advanced features such as device detection and power insertion. The patch panel provides communications between an insulation displacement connector (IDC) at a PD/User end (84), and any standard interface type using unshielded twisted pair cables, such as an RJ45 connector at a switch end (86) at performance levels of at least category 3, 5, 5e, 6 and/or higher (e.g. 6e or 7) and equivalent performance levels as required by compensating for the active electronics used in providing advanced features through the use of inductive, capacitive and reactive circuit elements to compensate for advanced feature electronics.



(54) Title of the invention : METHOD AND APPARATUS FOR REPRODUCING TEXT SUBTITLE STREAM FILES

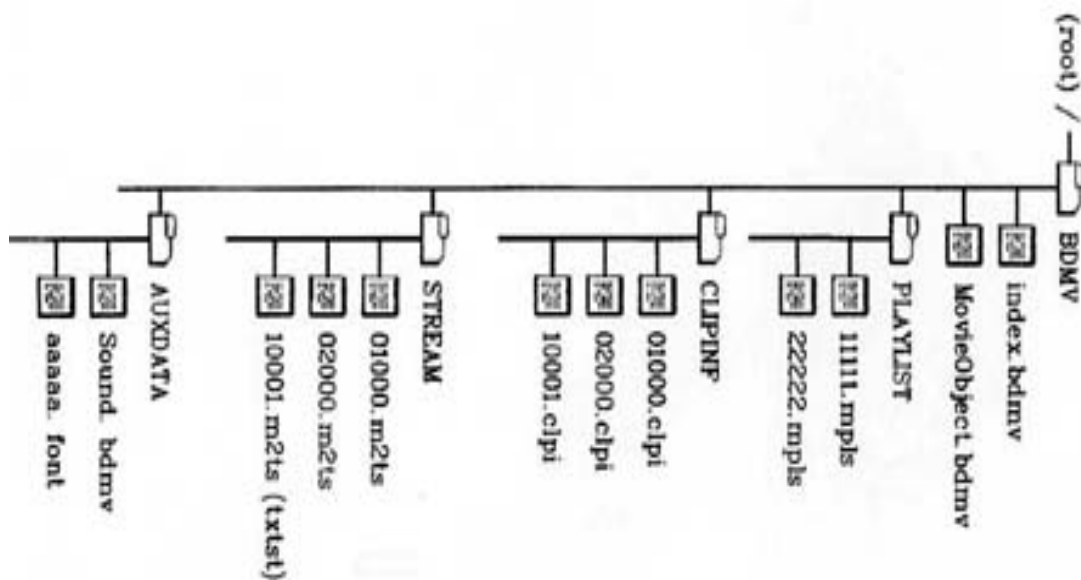
(51) International classification	:G11B7/00;G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:60/550,331	1)LG ELECTRONICS INC.
(32) Priority Date	:08/03/2004	Address of Applicant :20, YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000635	(72)Name of Inventor :
Filing Date	:07/03/2005	1)SEO KANG SOO
(87) International Publication No	:WO 2005/084148	2)KIM BYUNG JIN
(61) Patent of Addition to Application Number	:NA	3)YOO JEA YONG
Filing Date	:NA	4)LEE SEUNG HOON
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 19

(57) Abstract :

Text subtitle streams are reproduced based on register values contained in one or more player status registers included in a player. A SubPlayItem, which designates at least one text subtitle stream and is included in a PlayList recorded on a recording medium, is read. A first register value specifying one of the at least one text subtitle stream is stored in a first player status register included in the player. Next, a second register contained in a second player status register included in the player is read to determine whether the player is capable of decoding text subtitle streams. If the player's decoding capability is indicated, the text subtitle stream specified by the first register value is decoded.



(54) Title of the invention : MIDSPAN PATCH PANEL WITH CIRCUIT SEPARATION FOR DATA TERMINAL EQUIPMENT, POWER INSERTION AND DATA COLLECTION

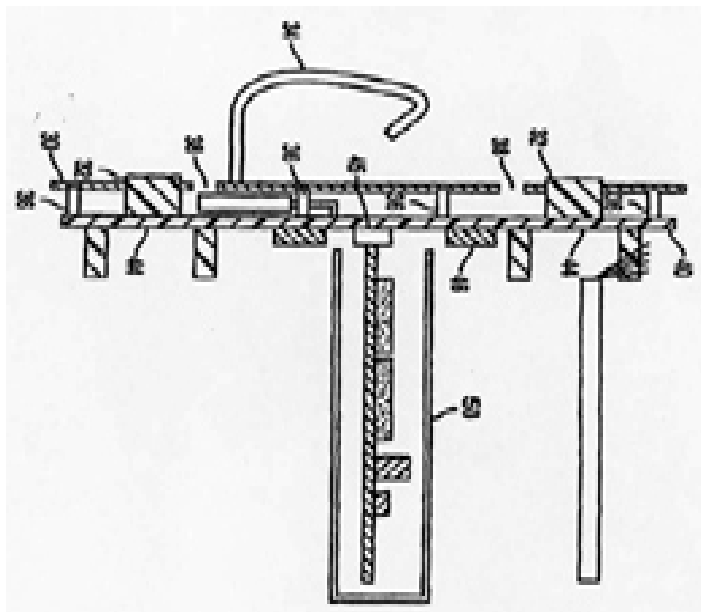
(51) International classification	:H01R24/00;H05K7/06	(71)Name of Applicant :
(31) Priority Document No	: 10/791,291, 11/038,460	1)HUBBELL INCORPORATED
(32) Priority Date	:	Address of Applicant :584 DERBY MILFORD ROAD,ORANGE CONNECTICUT 06477-4024 U.S.A.
(33) Name of priority country	:Argentina	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/006779	1)ABUGHAZALEH SHADI
Filing Date	:03/03/2005	2)BAXTER ROBERT
(87) International Publication No	:WO2005/084341	3)MAHMOOD REHAN
(61) Patent of Addition to Application Number	:NA	4)MILLER ALAN
Filing Date	:NA	5)O'CONNOR MICHAEL
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 26

(57) Abstract :

A compensating advanced feature patch panel (12) that can include removable modular (50) or fixed electronic Components (46) located directly on the patch panel which are separately or in combination capable of providing advanced features such as device detection and power insertion. The patch panel provides communications between an insulation displacement connector (IDC) at a PD/Userend (84), and any standard interface type using unshielded twisted pair cables, such as an RJ45 connector at a switch e(id (86) at performance levels of at least category 3, 5, 5c, 6 and/or higher (e.g. 6e or 7) and equivalent performance levels by compensating for the active electronics used in providing advanced features. Compensation is achieved in part through the separation and isolation of active and communication circuit elements.



(54) Title of the invention : LOSS DETECTION SYSTEM FOR OPEN CHANNEL NETWORKS

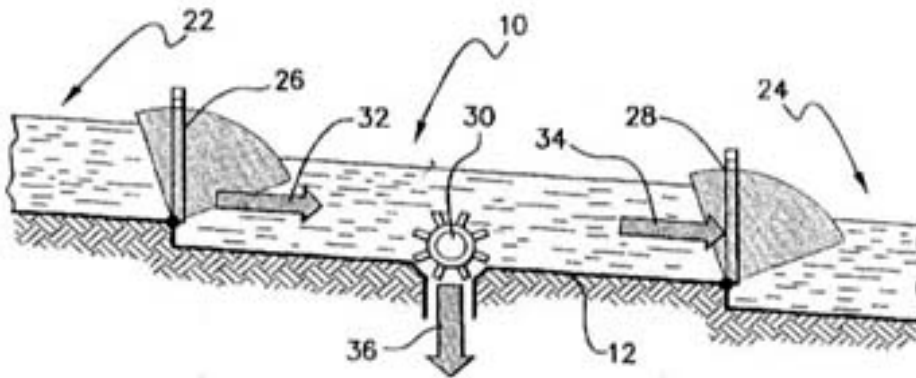
(51) International classification	:B65G5/00;E02B13/00	(71)Name of Applicant :
(31) Priority Document No	:2004901525	1)RUBICON RESEARCH PTY LTD.,
(32) Priority Date	:22/03/2004	Address of Applicant :SUITE 4,109 UNION ROAD,SURREY HILLS,
(33) Name of priority country	:Australia	VICTORIA 3127, Australia
(86) International Application No	:PCT/AU2005/000416	(72)Name of Inventor :
Filing Date	:22/03/2005	1)AUGHTON DAVID
(87) International Publication No	:WO 2005/090928	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 14

(57) Abstract :

The invention discloses a loss detection system to determine and monitor containment losses for open channel networks (10). The system includes at least first and second flow regulators (26, 28) to allow flow of liquid into and out of at least one pool (10) respectively. First and second flow sensors co-operate with respective flow regulators (26, 28) and a computational means communicates with flow regulators (26, 28) and the flow sensors to control operation of flow regulators (26, 28). The computational means determines the containment losses by calculating the measured flow into at least one pool (10) through at least first flow regulator (26) and subtracting the measured flow out of at least one pool (10) through at least second regulator (28).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2507/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ALKALOID FORMULATIONS .

(51) International classification	:A61K 31/46
(31) Priority Document No	:2004901107
(32) Priority Date	:03/03/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000307
Filing Date	:03/03/2005
(87) International Publication No	:WO 2005/084678
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VITAL HEALTH SCIENCES PTY LTD.
Address of Applicant :LEVEL 2 , 90 WILLIAM STREET,
MELBOURNE VIC 3000, AUSTRALIA Australia
(72)**Name of Inventor :**
1)WEST,SIMON,MICHAEL
2)OGRU,ESRA
3)GIANELLO,ROBERT

No of Pages : 31

No of Claims : 22

(57) Abstract :

There is provided an alkaloid formulation comprising the reaction product of one or more alkaloids with one or more phosphate derivatives of one or more electron transfer agents.

(54) Title of the invention : ENZYME- PRODRUG THERAPY FOR PROSTHETIC JOINT REPAIR

(51) International classification :A61K48/00
 (31) Priority Document No :0405103.3
 (32) Priority Date :06/03/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/000789
 Filing Date :04/03/2005
 (87) International Publication No :WO 2005/084713
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

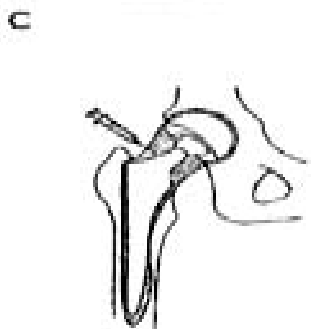
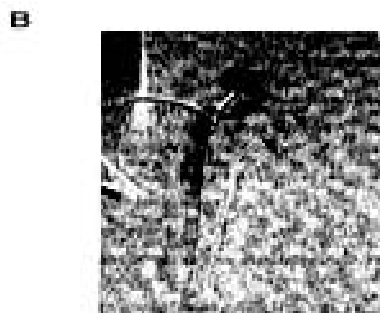
(71)Name of Applicant :
1)INNOVATA PLC
 Address of Applicant :1 MERE
 WAY,RUDDINGTON,NOTTINGHAM NG 116JS U.S.A.
 (72)Name of Inventor :
1)HUIZINGA,TOM,J.,W.
2)HOEBEN,ROBERT,C
3)NELISSEN,ROB,G.H., H
4)NELISSEN,ROB,G.H.,H
5)MOUNTAIN,ANDREW

No of Pages : 53

No of Claims : 49

(57) Abstract :

The invention relates to the use of gene therapy in the treatment of aseptic loosening of orthopaedic prostheses and discloses methods of refixing such prostheses without open revision surgery. In particular, it provides prodrugs and adenoviral vectors comprising genes encoding prodrugs converting enzymes for simultaneous, separate or sequential use in the destruction of interface tissue allowing subsequent recementing of loose prostheses in a minimally invasive manner.



(54) Title of the invention : SEALING ARRANGEMENT FOR RELATIVELY MOVABLE PARTS AND DEVICE INCLUDING SUCH A SEALING ARRANGEMENT .

(51) International classification :F16J 15/16
 (31) Priority Document No :0400442-0
 (32) Priority Date :25/02/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000279
 Filing Date :25/02/2005
 (87) International Publication No :WO 2005/080836
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

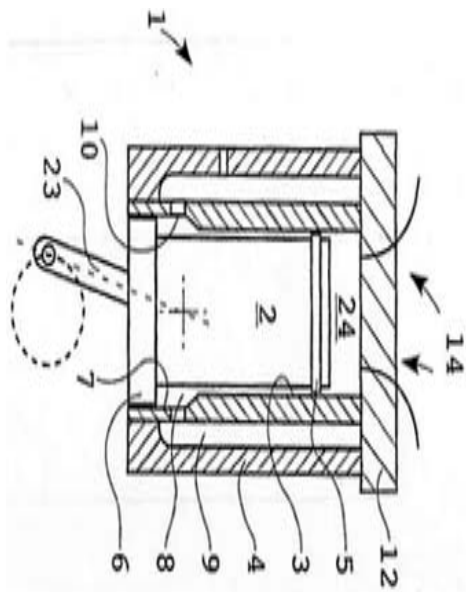
(71)Name of Applicant :
1)DYNASEAL TECHNOLOGIES AB
 Address of Applicant :HAGALUNDSGATAN 36, S-168 64;SOLNA,
 SWEDEN Sweden
 (72)Name of Inventor :
1)ADOLFSSON,BENGT

No of Pages : 27

No of Claims : 29

(57) Abstract :

A sealing arrangement for two relatively movable first and second parts and including a sealing ring positioned in a groove on one of the parts for sealing contact against the other one of the parts, so as to separate a first side of the sealing ring from a second side of the sealing ring, wherein the sealing ring is positioned in a sealing ring seat formed as a groove in the circumference of one of the parts, including liquid supply means for supplying liquid under pressure to the second side of the sealing ring, and means for balancing the pressure of the supplied liquid in the region of the sealing , whereby forces on the sealing ring resulting from the pressure prevailing on the first side of the sealing are counter-acted and balanced in such a way that in operation the sealing ring is essentially free-floating in the groove. The invention also concerns a reciprocating piston device including such a sealing arrangement.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : NON-IMMUNOSUPPRESSIVE IMMUNOPHILIN LIGANDS AS NEUROPROTECTIVE AND /OR NEUROREGENERATIVE AGENTS.

(51) International classification	:A61K31/435; A61P25/02; A61P25/14; A61P25	(71) Name of Applicant : 1)WYETH Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ 079401, U.S.A. U.S.A.
(31) Priority Document No	:60/549,430	(72) Name of Inventor :
(32) Priority Date	:02/03/2004	1)GRAZIANI,EDMUND,IDRIS
(33) Name of priority country	:U.S.A.	2)PONG,KEVIN
(86) International Application No	:PCT/US2005/006246	
Filing Date	:25/02/2005	
(87) International Publication No	:WO 2005/084673	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 15

(57) Abstract :

This invention relates, in part, to the use of non-immunosuppressive immunophilin ligands, such as meridamycin, in treating neurological disorders.

(54) Title of the invention : COLLAPSIBLE FURNITURE CONSTRUCTION, PARTICULARLY FOR A FOLDAWAY BED.

(51) International classification :A47C17/38
 (31) Priority Document No :0402428
 (32) Priority Date :09/03/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000540
 Filing Date :07/03/2005
 (87) International Publication No :WO 2005/087053
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

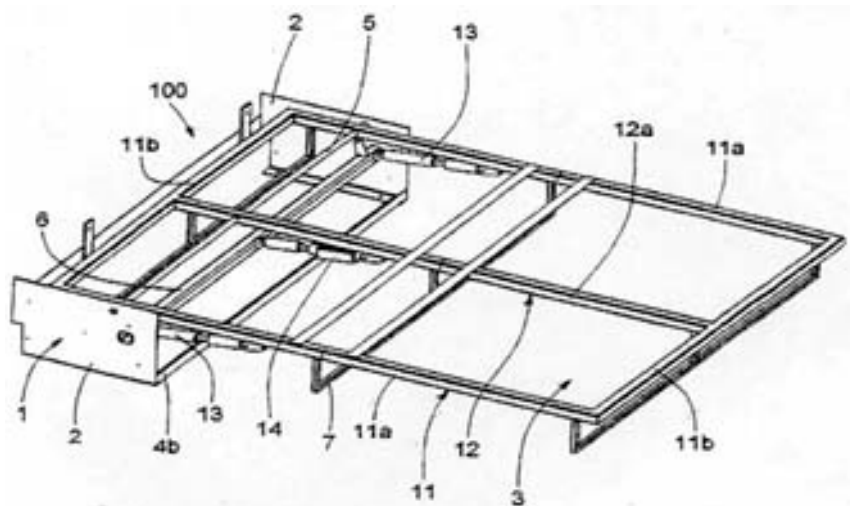
(71)Name of Applicant :
1)PAOUTOFF,ALEXIS
 Address of Applicant :2 RUE DE L'ECOSSERIE, F-26100,ROMANS,FRANCE France
 (72)Name of Inventor :
1)PAOUTOFF,ALEXIS

No of Pages : 26

No of Claims : 15

(57) Abstract :

A collapsible furniture structure, particularly a foldaway bed, comprising a support having two parallel side boards that are set a distance apart, are of approximately rectangular shape, and have two bottom corners, front and rear, and top corners, front and rear, and a pivoting frame, of approximately rectangular shape, that has a rear end part engaged between said side boards and that pivots on these boards between an approximately vertical folded position and an approximately horizontal down position in which it is opened in the forward direction, comprising at least one cross member (4) approximately perpendicular to and fixed to said side boards (2) and intended to be in contact with the floor or with a wall and comprising means for fixing it to the floor or to the wall; a transverse hinge pin (5) extending approximately perpendicularly to said side boards and mounted on said frame (3), its ends pivoting on said side boards in an area close to their front top corners; and a transverse anti-torsion reinforcing bar (6) approximately perpendicular to and connected to said side boards and located in an area situated underneath said hinge pin (5)



(54) Title of the invention : COSMETIC AND PHARMACEUTICAL FOAM WITH SOLID MATTER.

(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:60/541,698	1)FOAMIX LTD.,
(32) Priority Date	:04/02/2004	Address of Applicant :P.O.Box 4038.WEIZMANN-SCIENCE PARK
(33) Name of priority country	:U.S.A.	BUILDING 14,74140 NESS ZIONA,ISRAEL Israel
(86) International Application No	:PCT/IB2005/001227	(72)Name of Inventor :
Filing Date	:04/02/2005	1)TAMARKIN DOV
(87) International Publication No	:WO 2005/076697	2)FRIEDMAN DORON
(61) Patent of Addition to Application Number	:NA	3)EINI MEIR
Filing Date	:NA	4)BESONOV ALEX
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43

No of Claims : 14

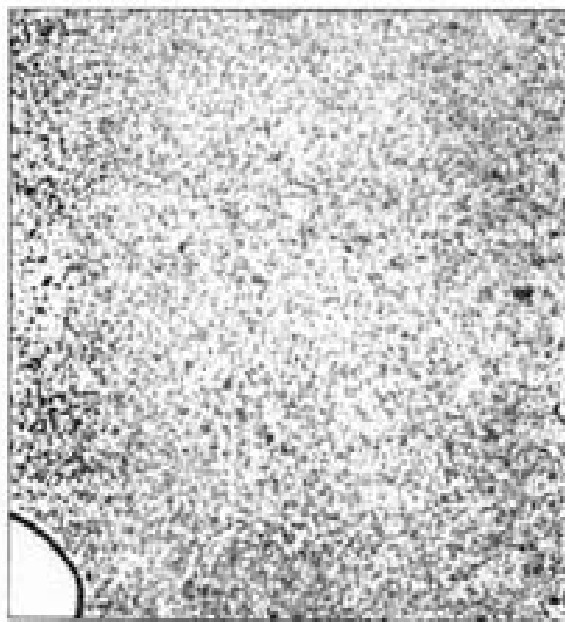
(57) Abstract :

A foamable composition includes about 2 to about 30% by weight solid particles; about 2 to about 75% by weight hydrophobic solvent; about 10 to about 85% by weight water; about 0.1 % to about 5% by weight surface-active agent; about 0.1 % to about 5 wt% by weight stabilizer/gelling agent; and a liquefied or compressed gas propellant in a container, which upon release provides a breakable foam suitable for topical administration.

FIG. 2



FIG. 1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2513/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification	:A61K 31/4164	(71) Name of Applicant :
(31) Priority Document No	:60/551,449	1)WYETH
(32) Priority Date	:08/03/2004	Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ
(33) Name of priority country	:U.S.A.	07940, U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/007896	(72) Name of Inventor :
Filing Date	:07/03/2005	1)ZELLE , ROBERT
(87) International Publication No	:WO 2005/086892	2)GALULLO,VINCENT,P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 92

No of Claims : 19

(57) Abstract :

The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2514/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING POLYETHYLENE.

(51) International classification	:C08F 10/00,10/02
(31) Priority Document No	:04396033.5
(32) Priority Date	:29/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FI2005/000201
Filing Date	:28/04/2005
(87) International Publication No	:WO 2005/105861
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOREALIS TECHNOLOGY OY
Address of Applicant :P.O.BOX 330,FIN-06101 PORVOO, FINLAND
Finland
(72)**Name of Inventor :**
1)ANDTSJO HENRIK

No of Pages : 17

No of Claims : 12

(57) Abstract :

Process and apparatus for continuously producing olefin polymers in a slurry phase reactor in a hydrocarbon diluent or liquid monomer. The process comprises continuously withdrawing from the slurry phase reactor a polymer slurry containing polymer and a fluid phase, which contains hydrocarbons and optionally hydrogen, and concentrating the slurry with a self-cleaning screen by removing a part of the fluid phase to provide a concentrated slurry. The openings of the screen, which can have a planar or cylindrical configuration, are smallest at the inflow surface of the screen and increases (towards the outflow surface. By the present invention, the need for service and maintenance is significantly reduced.

(54) Title of the invention : METHOD FOR PRODUCING (METH) ACRYLIC ACID.

(51) International classification :C07C 57/07
 (31) Priority Document No :10-2004-0060909
 (32) Priority Date :02/08/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/002432
 Filing Date :27/07/2005
 (87) International Publication No :WO 2006/014053
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LG CHEM.LTDAddress of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
SEOUL 150-721 Republic of Korea

(72)Name of Inventor :

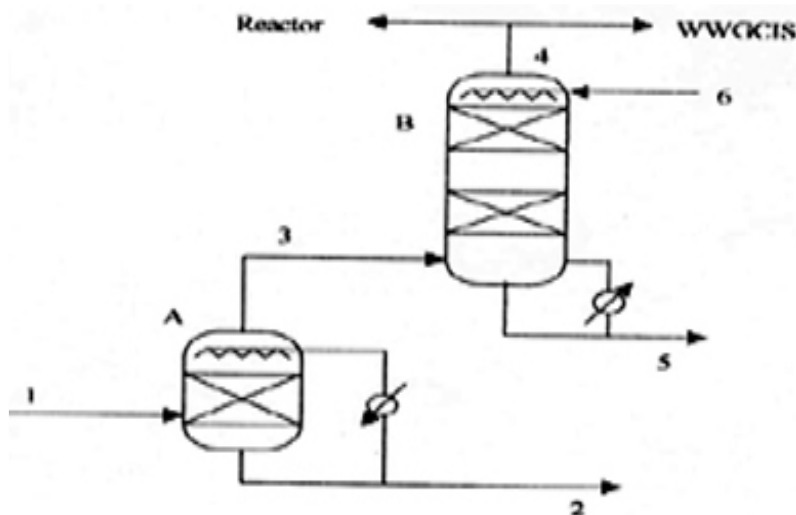
1)KANG SEONG PIL**2)CHOI SEOK HWAN****3)HA KYOUNG SU****4)KO JUN SEOK****5)KIM YOUNG BAE****6)WOO BOO GON****7)PARK MIN JEONG**

No of Pages : 18

No of Claims : 12

(57) Abstract :

Disclosed is a method for producing (meth)acrylic acid comprising a process of recovering (meth)acrylic acid as aqueous (meth)acrylic acid solution from a (meth)acrylic acid-containing gas mixture produced by the catalytic gas phase oxidation of at least one reactant selected from the group consisting of propane, propylene, isobutylene and (meth)acrolein, wherein the recovering process comprises the steps of: (1) feeding the (meth)acrylic acid-containing gas mixture into a quenching tower and condensing it in the quenching tower so as to recover an aqueous (meth)acrylic acid solution from the bottom of the quenching tower, in which some of the recovered aqueous (meth)acrylic acid solution is recycled to the upper portion of the quenching tower so as to condense the (meth)acrylic acid-containing gas mixture; (2) passing the uncondensed part of the (meth)acrylic acid-containing gas mixture from the top of the quenching tower to a distillation tower; and (3) heating the bottom of the distillation tower to separate water-containing impurity components from the uncondensed (meth)acrylic acid-containing gas mixture and to discharge them from the top of the distillation tower. A system used for carrying out the method is also disclosed.



(54) Title of the invention : BATTERY HAVING A/S LABEL AND METHOD FOR PRODUCING THE SAME .

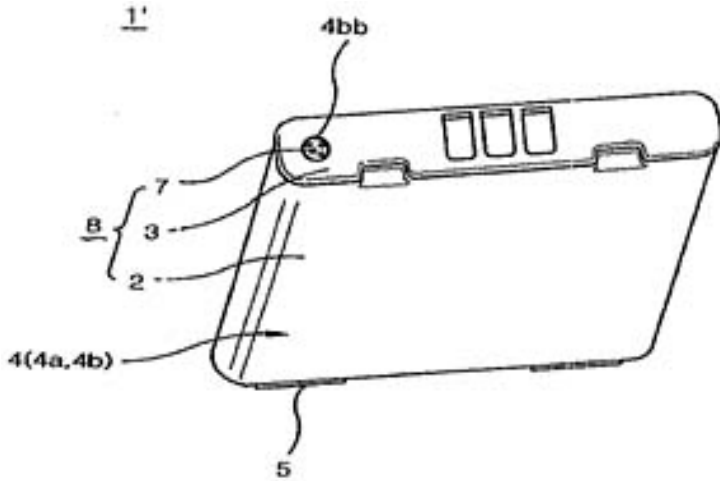
(51) International classification	:H01M 2/10	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0053554	1)LG CHEM, LTD.
(32) Priority Date	:09/07/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOUL 150-721 REPUBLIC OF KOREA Republic of Korea
(86) International Application No	:PCT/KR2005/002152	(72)Name of Inventor :
Filing Date	:07/07/2005	1)CHUNG JAE SIK
(87) International Publication No	:WO 2006/006782	2)MOON KI EOB
(61) Patent of Addition to Application Number	:NA	3)YOON SEOG JIN
Filing Date	:NA	4)LEE CHEOL WOONG
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 15

(57) Abstract :

Disclosed is a battery in which an A/S label is disposed in a plastic member of the battery and a method for manufacturing the same. According to the present invention, the A/S label is prevented from being separated and disappeared and from being exchanged or modified arbitrarily by a battery user.



(54) Title of the invention : FUNGICIDE MIXTURES.

(51) International classification :A01N 47/38
 (31) Priority Document No :102004020769.0
 (32) Priority Date :27/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003995
 Filing Date :15/04/2005
 (87) International Publication No :WO /2005/104850
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

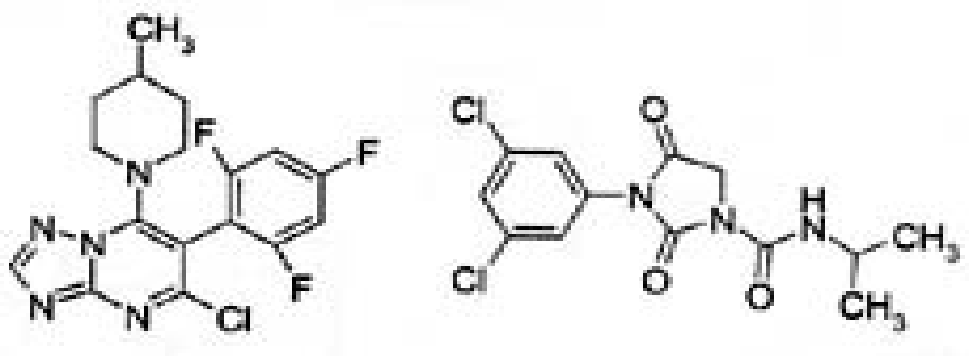
(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN GERMANY
 Germany
 (72)Name of Inventor :
1)TORMO I BLASCO , JORDI
2)GROTE,THOMAS
3)SCHERER,MARIA
4)STIERL,REINHARD
5)STRATHMANN,SIEGFRIED
6)SCHOFL,ULRICH

No of Pages : 13

No of Claims : 10

(57) Abstract :

Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I and 2) iprodione of the formula II in a synergistically effective amount, methods for controlling harmful fungi using mix-tures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2518/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : HUMANIZED ANTIBODY

(51) International classification	:A61K 47/48	(71) Name of Applicant :
(31) Priority Document No	:60/541,944	1)NYMOX CORPORATION
(32) Priority Date	:06/02/2004	Address of Applicant :9900 BL VD.CAVENDISH,SUITE 306,
(33) Name of priority country	:U.S.A.	ST.LAURENT, QUEBEC H4M 2V2, CANADA Canada
(86) International Application No	:PCT/CA2005/000142	(72) Name of Inventor :
Filing Date	:04/02/2005	1)AVERBACK PAUL A
(87) International Publication No	:WO 2005/075647	2)GEMMELL JACK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 106

No of Claims : 44

(57) Abstract :

Novel humanized and chimeric antibodies, humanized antibody fragments, polypeptides sequences of such antibodies and derivatives thereof that specifically bind AF-20 are provided as well as methods for their manufacture. These humanized and chimeric antibodies, antibody fragments and polypeptide sequences are useful in the treatment of cancers that express AF-20, as well as for diagnostic purposes, e.g., for in vivo imaging of tumors or cancer cells that express AF-20.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2519/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification	:C07D 233/64	(71)Name of Applicant :
(31) Priority Document No	:60/551,478	1)WYETH
(32) Priority Date	:08/03/2004	Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/007900	(72)Name of Inventor :
Filing Date	:07/03/2005	1)ZELLE,ROBERT
(87) International Publication No	:WO 2005/087748	2)WILL,PAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 70

No of Claims : 17

(57) Abstract :

The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2520/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:A61K 31/4178 :60/551,447 :08/03/2004 :U.S.A. :PCT/US2005/007970 :07/03/2005 :WO 2005/087229 :NA :NA :NA :NA	(71) Name of Applicant : 1)WYETH Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ 07940, U.S.A. U.S.A. (72) Name of Inventor : 1)ZELLE , ROBERT 2)BAKER,CHRISTOPHER,TODD

No of Pages : 65

No of Claims : 17

(57) Abstract :

The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/653
 (31) Priority Document No :102004021766.1
 (32) Priority Date :30/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/004387
 Filing Date :23/04/2005
 (87) International Publication No :WO /2005/104847
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BASF AKTIENGESELLSCHAFT

Address of Applicant :67056 LUDWIGSHAFEN GERMANY

Germany

(72)Name of Inventor :

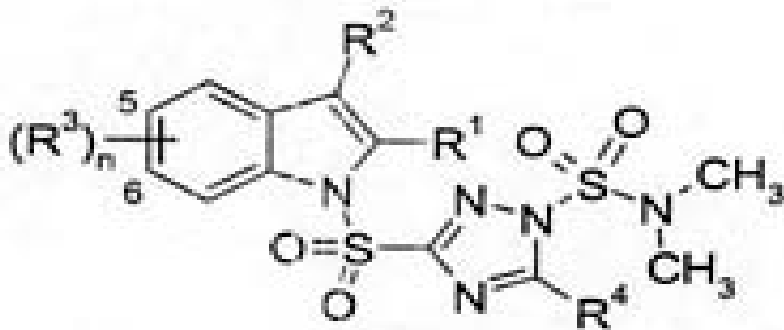
1)TORMO I BLASCO , JORDI**2)GROTE,THOMAS****3)SCHERER,MARIA****4)STIERL,REINHARD****5)STRATHMANN,SIEGFRIED****6)SCHOFEL,ULRICH****7)GEWEHR MARKUS****8)MULLER BERND****9)SUAREZ-CERVIERI MIGUEL OCTAVIO****10)NIEDENBRUCK MATTHIAS**

No of Pages : 38

No of Claims : 16

(57) Abstract :

Fungicidal mixtures, comprising, as active components, 1) a sulfamoyl compound of the formula I, in which the substituents are as defined below: R¹ is hydrogen, halogen, cyano, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, phenyl, benzyl, formyl or CH=NOA; A is hydrogen, alkyl, alkylcarbonyl; R² is hydrogen, halogen, cyano, alkyl, haloalkyl, alkoxycarbonyl; R³ is halogen, cyano, nitro, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, formyl or CH=NOA; n is 0, 1, 2, 3 or 4; R⁴ is hydrogen, halogen, cyano, alkyl or haloalkyl; and 2) at least one active compound selected from the following groups: A) azoles; B) strobilurins; C) acylalanines; D) amine derivatives; E) anilinopyrimidines; F) dicarboximides; G) cinnamides and analogs; H) dithiocarbamates; I) heterocyclic compounds; K) sulfur and copper fungicides; L) nitrophenyl derivatives; M) phenylpyrroles; N) sulfenic acid derivatives; O) other fungicides; according to the description; in a synergistically effective amount, methods for controlling harmful fungi using mixtures of a compound I with active compounds of groups A) to O) and the use of the compounds I with active compounds of groups A) to O) for preparing such mixtures, and also compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2522/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CR-AL-STEEL FOR HIGH-TEMPERATURE APPLICATIONS.

(51) International classification	:C22C38/06; C22C38/18	(71)Name of Applicant : 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :S-811 81 SANDVIKEN, SWEDEN Sweden
(31) Priority Document No	:0400452-9	(72)Name of Inventor :
(32) Priority Date	:23/02/2004	1)GORANSSON,KENNETH
(33) Name of priority country	:Sweden	2)ROSBERG,ANDREAS
(86) International Application No	:PCT/SE2005/000249	3)WITT, EVA
Filing Date	:21/02/2005	
(87) International Publication No	:WO 2005/080622	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 8

(57) Abstract :

The present invention relates to a product of ferritic stainless steel manufactured according to the process of this invention, which product has increased resistance to cyclic and continuous thermal load and oxidation at elevated temperatures and which has improved mechanical properties at said temperatures as well as use thereof in the form of wire, strip, foil and/or tube in high-temperature applications such as in catalytic converter applications, in heating and furnace applications and which has the following composition (in % by weight); less than 1% of Ni, 15-25% of Cr, 4,5-12% of Al, 0.5-4% of Mo, 0,01-1.2% of Nb, 0-0.5% of Ti, 0-0.5% of Y, Sc, Zr and/or Hf, 0-0.2% of one or more rare earth metals (REM) such as, for instance. Ce or La. 0-0,2% of C, 0-0.2% of N, with the balance iron and normally occurring impurities.

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR TREATMENT OF IMMUNOLOGICAL DISORDERS.

(51) International classification :A61K39/395
(31) Priority Document No :10-2004-0010835
(32) Priority Date :18/02/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/000457
Filing Date :18/02/2005
(87) International Publication No :WO 2005/077415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

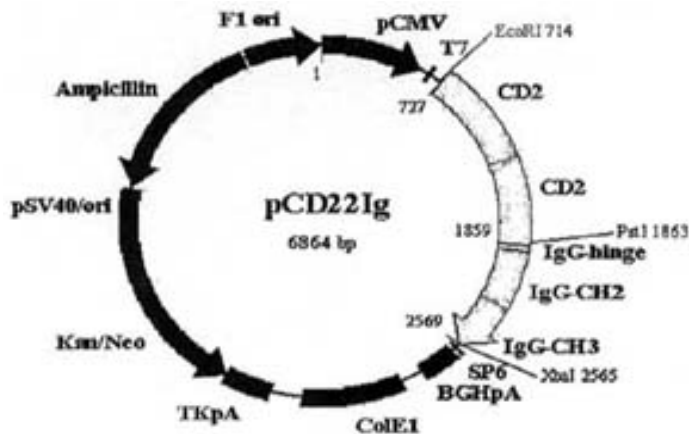
(71)Name of Applicant :
1)MEDEXGEN INC.
Address of Applicant :2ND FLOOR, MEDICAL BLDG 1, HANYANG
UNIVERSITY COLLEGE OF MEDICINE, 17 HAENGDANG-DONG,
SEONGDONG-GU, SEOUL 133-791 Republic of Korea
(72)Name of Inventor :
1)CHUNG, Yong-Hoon
2)CHO, Hoon-Sik
3)PARK, Hong-Gyu
4)YI- Ki-Wan

No of Pages : 145

No of Claims : 10

(57) Abstract :

Disclosed is a pharmaceutical composition for treating immunological disorders by inhibiting the activation of T lymphocytes, comprising, as active ingredients, two or more selected from the group consisting of a substance capable of blocking binding of an MHC (Major Histocompatibility Complex) Class II molecule and a receptor thereof, a substance capable of blocking binding of a costimulatory molecule and a receptor thereof a substance capable of blocking binding of an adhesion molecule and a receptor thereof, and a substance capable of blocking binding of a cytokine and a receptor thereof.



(54) Title of the invention : METHYLAMINE RISKS AND TREATMENT WITH N-DERIVATIVES OF HYPERACTIVITY, DEPRESSION AND ALCOHOLISM

(51) International classification	:A61K 49/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/FI2004/000479	1)HILAKIVI, ILKKA, TAPIO
(32) Priority Date	:16/08/2004	Address of Applicant :Runeberginkatu 4 b B 37, FI-00100 Helsinki,
(33) Name of priority country	:Finland	Finland Finland
(86) International Application No	:PCT/FI2004/000479	(72)Name of Inventor :
Filing Date	:16/08/2004	1)HILAKIVI, ILKKA, TAPIO
(87) International Publication No	:WO 2006/013227	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 3

(57) Abstract :

Chemically, the structural formulas of monoamine neurotransmitters adrenaline, dopamine, noradrenaline and serotonin are related to the mode of altering monoaminergic function during early development by clomipramine, desipramine, nomifensine, propranolol, and zimelidine. The substances used in a series of experiments share one methyl-amine -moiety; two methylamine moieties in propranolol produce in experimental animals the same kind of alteration in sleep-waking cycles during a period which can be considered in human life to correspond physiologically with the last two intrauterine and first four postnatal months of human babies. During later life these five early postnatal exposures cause behaviour like attention deficit disorder with hyperactivity during a period which corresponds with human childhood, and lengthened immobility time in Porsolt's swim test, and many other human depression like behaviours in many tests of behavioural responsiveness, and increased voluntary alcohol intake and responses to test doses of alcohol not different from human excessive alcohol intake and alcoholism during adulthood. Methyl-amine derivatives can be used to cancel or modify the combined postsynaptic and hormonal pathophysiological and pathogenetically altered influences of adrenaline, dopamine, noradrenaline and serotonin neurons to thus heal the hyperactivity in childhood attention deficit disorder, to heal depression in adulthood, and to alleviate or heal alcoholism in adulthood by administering these methyl-amine derivatives during the last two intrauterine and first four postnatal months.

(54) Title of the invention : GLASS STRANDS CAPABLE OF REINFORCING ORGANIC AND / OR INORGANIC MATERIALS.

(51) International classification	:C04B 14/44	(71)Name of Applicant :
(31) Priority Document No	:0402742	1)SAINT-GOBAIN VETROTEX FRANCE S.A
(32) Priority Date	:17/03/2004	Address of Applicant :130 Avenue des Follaz F-73000 CHAMBERY
(33) Name of priority country	:France	FRANCE France
(86) International Application No	:PCT/FR/2005/050161	(72)Name of Inventor :
Filing Date	:14/03/2005	1)CREUX, SOPHIE
(87) International Publication No	:WO/2005/093227	2)LECOMTE, EMMANUEL
(61) Patent of Addition to Application Number	:NA	3)BERTHEREUE, ANNE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

The invention relates to glass reinforcement strands, the composition of which comprises the following constituents in the limits defined below, expressed as percentages by weight: 59 to 63% SiO₂; 10 to 16% Al₂O₃; 16 to 23% CaO; 1 to 3.2% MgO; 0 to 2% Na₂O + K₂O + Li₂O; 0 to 1% TiO₂; 0.1 to 1.8% B₂O₃; 0 to 0.5% Li₂O; 0 to 0.4% ZnO; 0 to 1% MnO; and 0 to 0.5% F. These strands have improved properties in terms of mechanical strength, acid resistance and high-temperature resistance for a low-cost composition. The invention also relates to a process for producing the said strands and to the composition allowing them to be produced.

(54) Title of the invention : GLASS STRANDS CAPABLE OF REINFORCING ORGANIC AND/OR INORGANIC MATERIALS.

(51) International classification	:C04B 14/44	(71)Name of Applicant :
(31) Priority Document No	:0402741	1)SAINT-GOBAIN VETROTEX FRANCE S.A.
(32) Priority Date	:17/03/2004	Address of Applicant :130 AVENUE DES FOLLAZ F-73000
(33) Name of priority country	:France	CHAMBERY FRANCE France
(86) International Application No	:PCT/FR2005/050162	(72)Name of Inventor :
Filing Date	:14/03/2005	1)CREUX,SOPHIE
(87) International Publication No	:WO 2005/092808	2)LECOMTE,EMMANUEL
(61) Patent of Addition to Application Number	:NA	3)BERTHEREUE,ANNE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 10

(57) Abstract :

The invention relates to glass reinforcement strands, the composition of which comprises the following constituents in the limits defined below, expressed as percentages by weight 58 to 63% SiO₂, 10 to 16% Al₂O₃, 16 to 23% CaO, 0.5 to 3.5% MgO, 0 to 2% Na₂O + K₂O + Li₂O, 1 to 1.5% TiO₂, 0 to 1.5% B₂O₃, 0 to 0.4% Li₂O, 0 to 0.4% ZnO, 0 to 1% MnO, and 0 to 0.5% F. These strands have improved properties in terms of mechanical strength, acid resistance and high-temperature resistance for a low-cost composition. The invention also relates to a process for producing the said strands and to the composition allowing them to be produced.

(54) Title of the invention : COMPOSITIONS AND METHODS FOR CHARACTERIZING, REGULATING DIAGNOSING, AND TREATING CANCER.

(51) International classification	:C12N15/09; A61K31/00; A61K35/76; A61K48	(71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :300 South State Street, Ann Arbor,MI 48109-1280 U.S.A.
(31) Priority Document No	:60/541,527	(72)Name of Inventor :
(32) Priority Date	:03/02/2004	1)CLARKE,MICHAEL,F
(33) Name of priority country	:U.S.A.	2)AL-HAJJ,MUHAMMAD
(86) International Application No	:PCT/US2005/003419	
Filing Date	:03/02/2005	
(87) International Publication No	:WO2005/074633 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 73

No of Claims : 24

(57) Abstract :

The present invention relates to compositions and methods for characterizing regulating diagnosing and treating cancer. For example the present invention provides compositions and methods for inhibiting tumorigenesis of certain classes of cancer cells including breast cancer cells and preventing metastasis The present invention also provides systems and methods for identifying compounds that regulate tumorigenesis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2528/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTI-CANCER THERAPIES.

(51) International classification	:A61K31/704; A61K31/7048; A61K31/7072;	(71) Name of Applicant : 1)THRESHOLD PHARMACEUTICALS,INC., Address of Applicant :1300 Seaport Boulevard,5 th Floor Redwood city,CA 94063 U.S.A.
(31) Priority Document No	:60/542,494	(72) Name of Inventor :
(32) Priority Date	:06/02/2004	1)TIDMARSH,GEORGE
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/003370	
Filing Date	:04/02/2005	
(87) International Publication No	:WO2005/076888 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 20

(57) Abstract :

Methods for the treatment of cancer are described. In particular, methods for treatment of cancer comprising administration of glufosfamide alone or in combination with another anticancer agent are disclosed.

(54) Title of the invention : BLOWN FILM EXTRUSION SYSTEM.

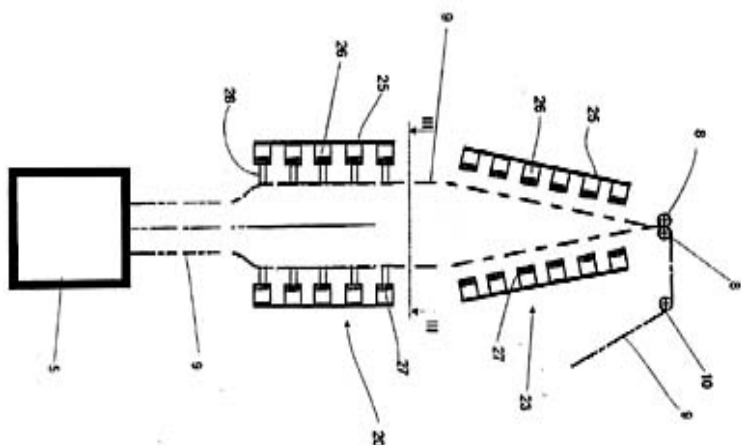
(51) International classification	:B29C47/00; B29C47/90	(71)Name of Applicant :	1)WINDMOLLER & HOLSCHER KG.
(31) Priority Document No	:102004011216.9		Address of Applicant :MUNSTERSTRASSE 50, 49525 LENGERICH,
(32) Priority Date	:04/03/2004		GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :	
(86) International Application No	:PCT/EP05/001923	1)JURGEN LINKIES	
Filing Date	:22/02/2005	2)THOMAS KNOKE	
(87) International Publication No	:WO 2005/084919	3)MARTIN BACKMANN	
(61) Patent of Addition to Application Number	:NA	4)HOLGER FRISCHE	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 12

No of Claims : 16

(57) Abstract :

The invention describes a blown film extrusion system (1), which comprises, as its characteristics, a blowing head (5), which extrudes a film tube (9), further a pinch-off device (8), which pinches off the film tube (9), and additionally film guiding elements (7, 13, 27, 28) that guide the film tube (9) between its extrusion by the blowing head and its pinching off. The inventive aspect is that the guiding elements (7, 13, 27, 28) contain a porous, preferably microporous material.



(54) Title of the invention : DIPEPTIDYL PEPTIDASE INHBITORS

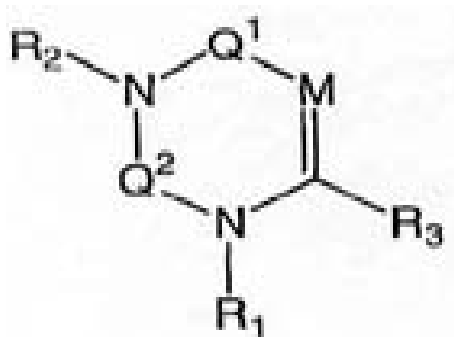
(51) International classification :C07D239/54; A61K9/08 (31) Priority Document No :60/553,571 (32) Priority Date :15/03/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US04/042209 Filing Date :15/12/2004 (87) International Publication No :WO 2005/095381 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :1-1,DOSHOMACHI 4-CHOME,CHUO-KU OSAKA-SHI,OSAKA 541-0045 JAPAN Japan (72)Name of Inventor : 1)FENG,JUN 2)GWALTNEY,STEPHEN L. 3)STAFFORD,JEFFREY A. 4)ZHANG , ZHIYUAN 5)ELDER,BRUCE 6)ISBESTER,PAUL 7)PALMER , GRANT 8)SALSBURY,JONATHAN 9)ULYSSE,LUCKNER

No of Pages : 150

No of Claims : 100

(57) Abstract :

Compounds, Pharmaceuticals, kits and methods are provided for use with DPP-IV and other S9 proteases that comprise a compound comprising Formula I: wherein M is N or CR⁴; Q¹ and Q² are each independently selected from the group consisting of CO, SO, SO₂, and C=NR⁹; and each R¹, R², R³, R⁴ and R⁹ are as defined herein.



(54) Title of the invention : FREQUENCY BASED CODING OF CHANNELS IN PARAMETRIC MULTI-CHANNEL CODING SYSTEMS.

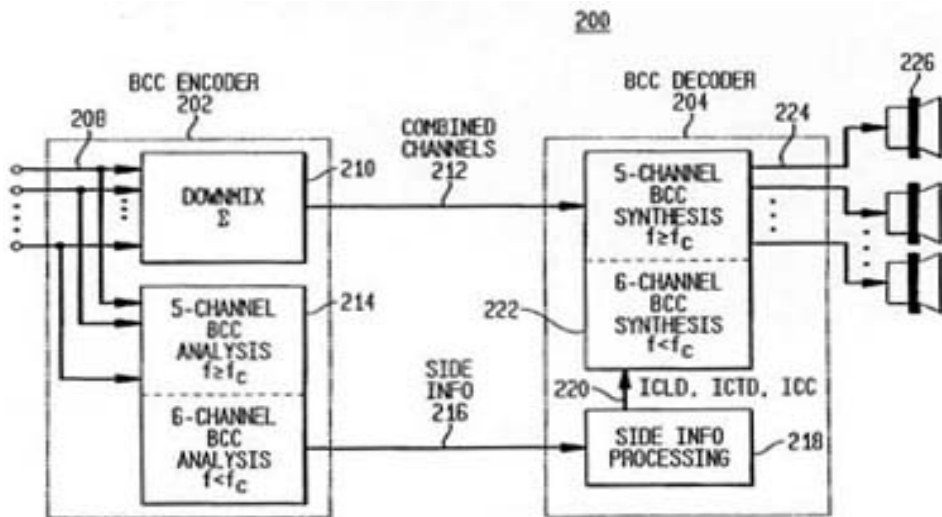
(51) International classification	:G10L19/00; H04S3/00	(71)Name of Applicant :
(31) Priority Document No	:60/549,972	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDEN FORSCHUNG E.V.
(32) Priority Date	:04/03/2004	Address of Applicant :Hansastrasse 24 c 80686 Munich Germany
(33) Name of priority country	:U.S.A.	2)AGERE SYSTEMS,INC
(86) International Application No	:PCT/US2005/005605	(72)Name of Inventor :
Filing Date	:23/02/2005	1)Christof FALLER
(87) International Publication No	:WO2005/094125 A1	2)Juergon HERRE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 22

(57) Abstract :

For a multi-channel audio signal, parametric coding is applied to different subsets of audio input channels for different frequency regions. For example, for a 5.1 surround sound signal having five regular channels and one low-frequency (LFE) channel, binaural cue coding (BCC) can be applied to all six audio channels for sub-bands at or below a specified cut-off frequency, but to only five audio channels (excluding the LFE channel) for sub-bands above the cut-off frequency. Such frequency-based coding of channels can reduce the encoding and decoding processing loads and/or size of the encoded audio bitstream relative to parametric coding techniques that are applied to all input channels over the entire frequency range.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2532/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : MANUFACTURING METHOD AND MANUFACTURING APPARATUS FOR COMPONENTS.

(51) International classification

:B62D65/02;
B23K37/04

(31) Priority Document No

:20 2005 001 780.9

(32) Priority Date

:03/02/2005

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP06/000937

Filing Date

:03/02/2006

(87) International Publication No

:WO 2006/082061

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KUKA SCHWEISSANLAGEN GMBH

Address of Applicant :BLUCHERSTR.144 86165 AUGSBURY

GERMANY Germany

(72)Name of Inventor :

1)HESSE JOHANN

2)KOLLMAR THOMAS

3)EMRICH BRUNO

4)HECK, ROLAND

5)GEISTODORFER PAUL

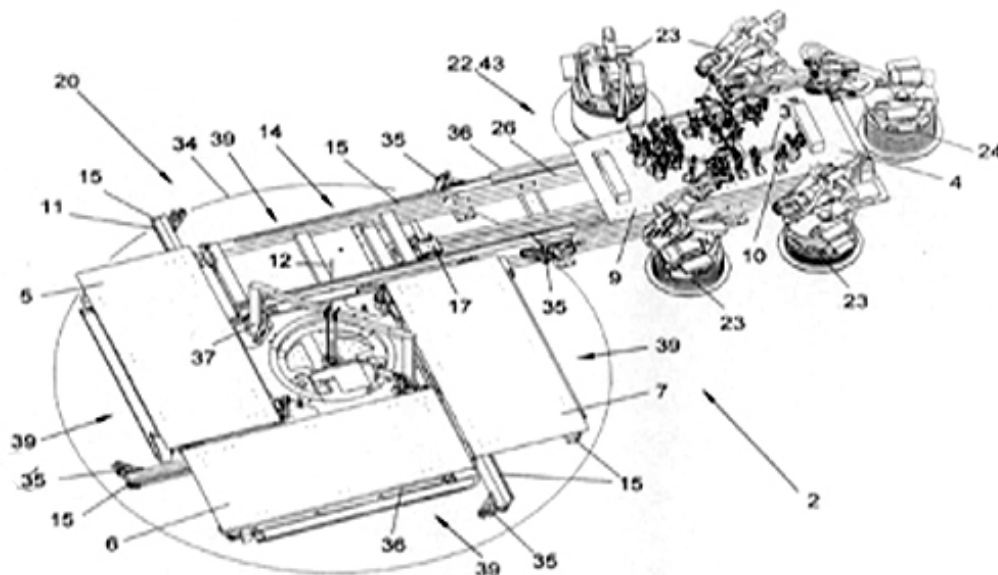
6)ZIEGLER THOMAS

No of Pages : 25

No of Claims : 25

(57) Abstract :

The invention relates to a manufacturing apparatus (2) for components(3),which has at least one movable loading station (20)designed as a tool magazine (13)and having reception points(39)with different tools (4,5,6,7)for different component types A-I.The loading station (20) is connected to one or more machining station (20,22)at which at least one machining device (23)and at least one handling device (24)for handling and releasing the components(3)from the tool(4,5,6,7,8) are arranged.The invention relates to a manufacturing apparatus (2) for components (3), which has at least one movable loading station (20) designed as a tool magazine (13) and having reception points (39) with different tools (4, 5, 6, 7) for different component types A-I. The loading station (20) is connected to one or more machining stations (20, 22') at which at least one machining device (23) and at least one handling device (24) for handling and releasing the components (3) from the tool (4, 5, 6, 7, 8) are arranged.



(54) Title of the invention : POLYURETHANE ELASTIC FIBER AND PROCESS FOR PRODUCING SAME.

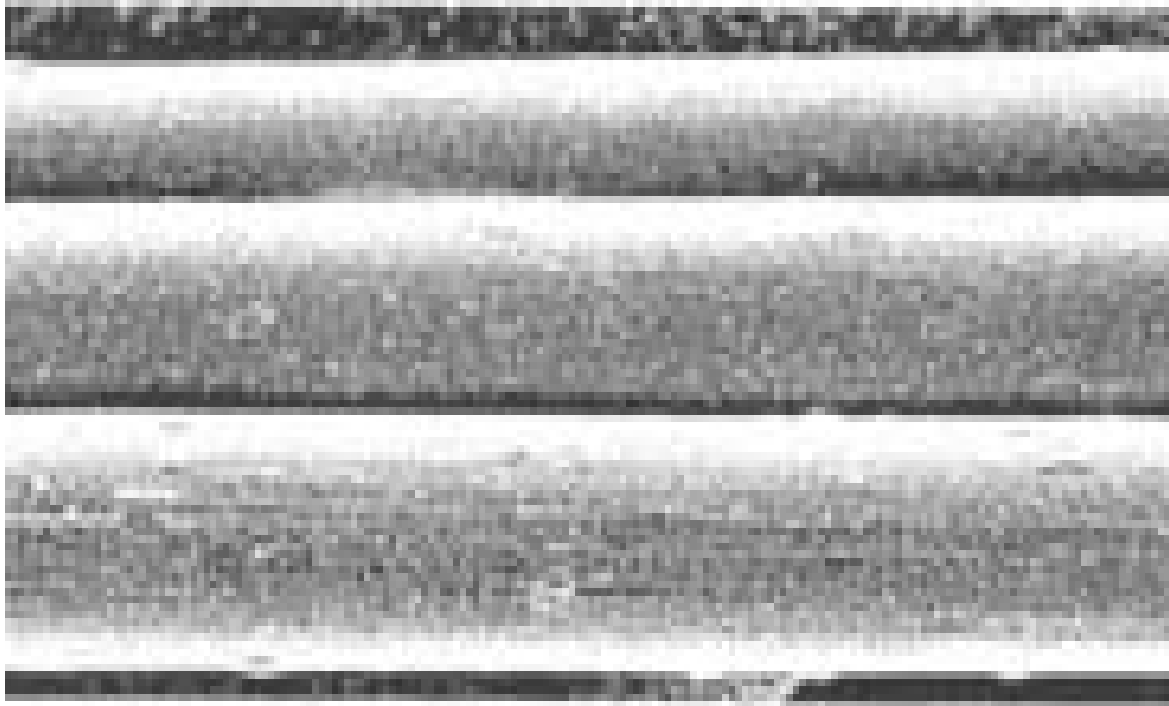
(51) International classification	:D01F 6/94	(71)Name of Applicant :
(31) Priority Document No	:2004-057415	1)ASAHI KASEI FIBERS CORPORATION
(32) Priority Date	:02/03/2004	Address of Applicant :2-6,DOJIMAHAMA 1-CHOME, KITA-
(33) Name of priority country	:Japan	KU,OSAKA-SHI,OSAKA JAPAN Japan
(86) International Application No	:PCT/JP05/003334	(72)Name of Inventor :
Filing Date	:28/02/2005	1)YAMAMOTO TARO
(87) International Publication No	:WO 2005/083163	2)D O I MASANORI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 7

(57) Abstract :

A polyurethane elastic fiber, containing inorganic compound particles that have an average particle size of 0.5 to 5 mm and that show a refractive index of 1.4 to 1.6, having at least one protruded portion that has a maximum width of 0.5 to 5 mm, in the fiber surface, per 120-mm length in the fiber axis direction.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : MODAFINIL COMPOSITIONS.

(51) International classification	:C07C 317/10	(71)Name of Applicant :
(31) Priority Document No	:60/542,752	1)CEPHALON, INC
(32) Priority Date	:06/02/2004	Address of Applicant :41. Moores Riad P.O. Box 4011 Frazer, Pa 19355
(33) Name of priority country	:U.S.A.	U.A.E.
(86) International Application No	:PCT/US2005/002782	(72)Name of Inventor :
Filing Date	:04/09/2006	1)Magali Bourghol Hickey
(87) International Publication No	:WO 2005/077894	2)Matthew Peterson
(61) Patent of Addition to Application Number	:NA	3)Orn Almarssonh
Filing Date	:NA	4)Mark Oliveira
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 30

(57) Abstract :

Polymorphs and solvates of racemic, enantiomerieally pure, and enantiomeriealiy mixed modafinil and formed and discussed, In .addition, said forms are described as useful for the treatment of many conditions including, but not limited to, narcolepsy.

(54) Title of the invention : APPARATUS FOR CONVERTING TORQUE.

(51) International classification :B25B17/02; F16H3/00
 (31) Priority Document No :2004900455
 (32) Priority Date :02/02/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000134
 Filing Date :02/02/2005
 (87) International Publication No :WO 2005/073122 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)XACT-DESIGN &ENGINEERING PTY LTD.

Address of Applicant :45 LOVETT AVENUE,DUBBO, NEW SOUTH WALES 2830,AUSTALIA Australia

(72)Name of Inventor :

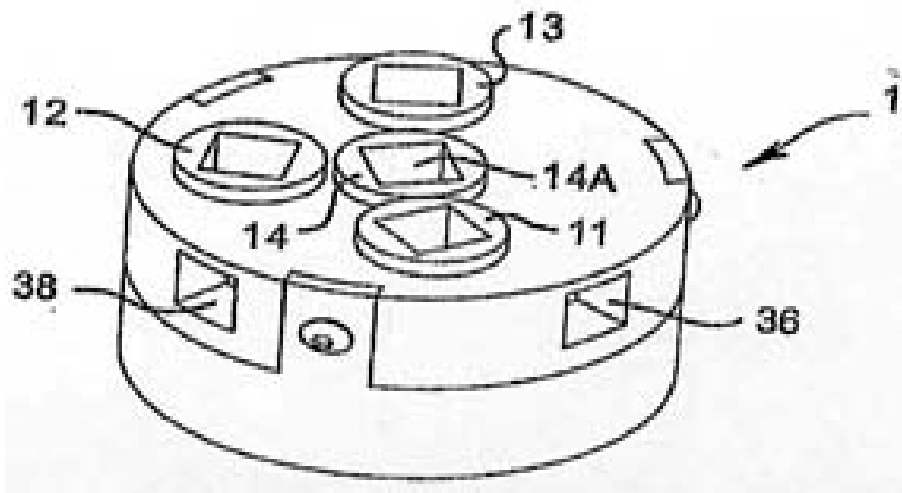
1)DEIN KEVIEN ARTHUR

No of Pages : 109

No of Claims : 58

(57) Abstract :

Apparatus for converting torque arc provided. In one form the apparatus is for converting a relatively small input torque into a greater output torque, and the apparatus includes an input portion (11, 12, 13) adapted to receive an input torque, an input gear (27,28,29) connected to the input portion; an output gear (19), and an output portion (16), adapted to provide an output torque, connected to the output gear, wherein the input gear interacts directly with the output gear. Multiple input portions may be provided, and each input portion may cause a different torque ratio between input and output.



(54) Title of the invention : METHODS AND DEVICES FOR CONDUIT OCCLUSION.

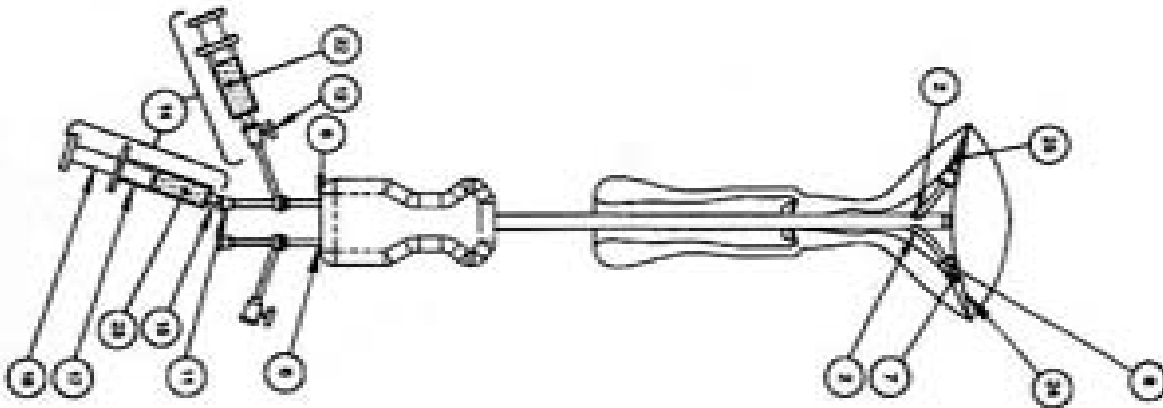
(51) International classification	:A61B17/12; A61B17/42	(71)Name of Applicant :
(31) Priority Document No	:60/547,491	1)FEMASYS,INC
(32) Priority Date	:25/02/2004	Address of Applicant :9070 Brixham Court Suwanne,Georgia 30024
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/006334	(72)Name of Inventor :
Filing Date	:25/02/2005	1)Kathy Lee-Sepsick
(87) International Publication No	:WO2005/082299 A2	2)Lani L.L.Paxton
(61) Patent of Addition to Application Number	:NA	3)Jeffery A.Marcus
Filing Date	:NA	4)Stephen N.Williams
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 21

(57) Abstract :

The present invention comprises systems, methods and devices for the delivery of compositions for occluding or of means for opening conduits. The implantable occlusive material may be delivered pre-formed or in situ cured and, may be a resorbable material that supports tissue ingrowth that eventually replaces the material leaving little or no original material in place. The delivery system is positioned to allow for placement of the occlusive material into the body conduit. Use of delivery systems, methods and devices for re-opening an occluded body conduit are also included.



(54) Title of the invention : BEVERAGE EXTRACTION ASSEMBLY FOR EXTRACTING A BEVERAGE FROM A PARTICULATE SUBSTANCE CONTAINED IN A CARTRIDGE.

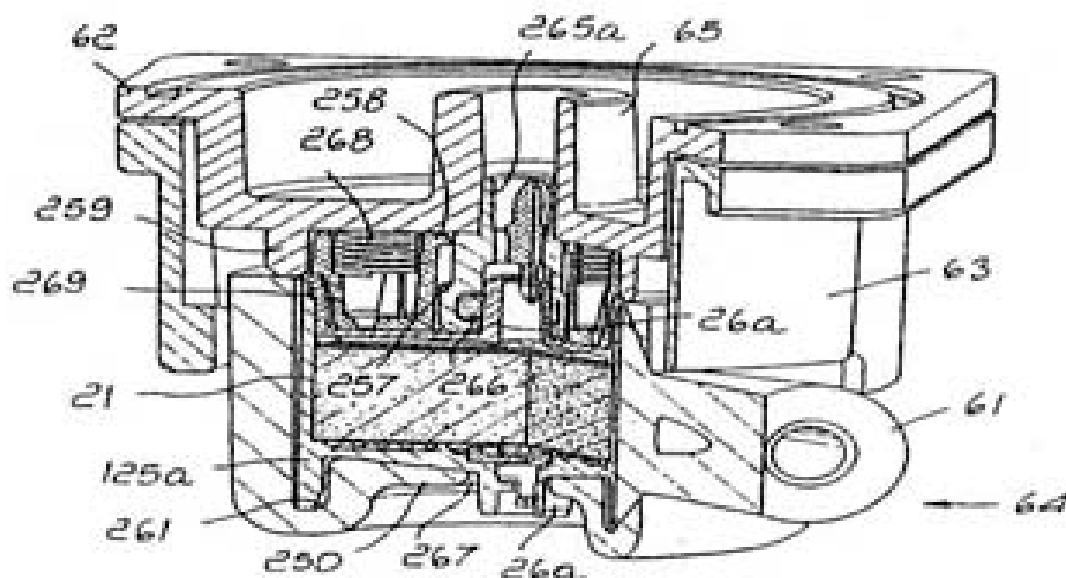
(51) International classification	:A47J31/40; A47J31/40	(71)Name of Applicant :
(31) Priority Document No	:04007297.7	1)ILLYCAFFE'S.P.A
(32) Priority Date	:26/03/2004	Address of Applicant :Via Flavia 110 34147 TRIESTE ITALY Italy
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/002919	1)Furio SUGGI LIVERANI
Filing Date	:18/03/2005	2)Luca MASTROPASQUA
(87) International Publication No	:WO2005/092162 A1	3)Frans VAN EEDEN
(61) Patent of Addition to Application Number	:NA	4)Bruno DELLAPIETRA
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 47

No of Claims : 17

(57) Abstract :

A beverage extraction assembly (60) for application to beverage extraction machines for extracting a beverage from a particulate substance contained in a cartridge, characterized in that it comprises: a support (62,63) connectable to a water outlet of a beverage extraction machine; a cartridge, holder (64) removably mounted on the support (62, 63) for holding a cartridge (21) containing a particulate substance, the cartridge (21) comprising at least a first cartridge port (26b) protruding outwardly from its upper surface for receiving water under pressure; the support (62, 63) comprising a water inlet port (65) connectable to the water outlet, for delivering the water to the first cartridge part (26b), the cartridge holder (64) comprising a bottom aperture (267) for providing an escape for the extracted beverage; the water inlet port (65) of the support (62, 63) comprising means (266) for providing a radial fluid-tight seal between the water inlet port (65) and the first cartridge port (26b).



(54) Title of the invention : INTEGRATED CARTRIDGE FOR EXTRACTING A BEVERAGE FROM A PARTICULATE SUBSTANCE.

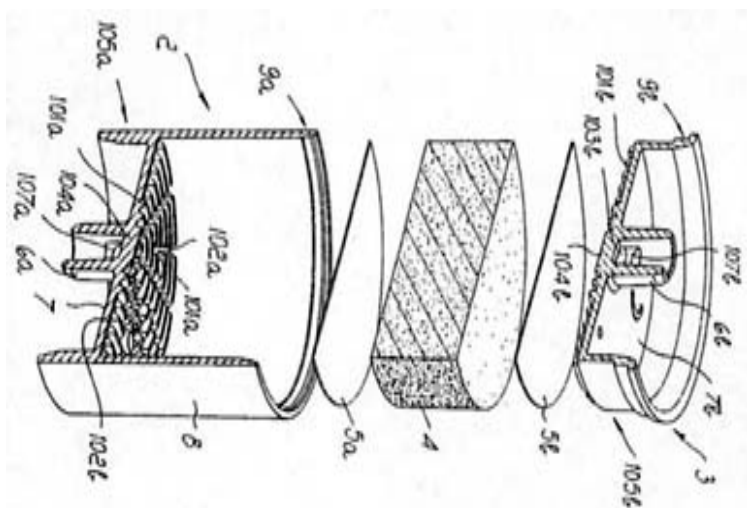
(51) International classification	:A47J 31/06 , A47J 31/40 , B65D 81/00	(71)Name of Applicant : 1)ILLYCAFFE S.P.A. Address of Applicant :VIA FLAVIA,110 34147 TRIESTE ITALY Italy
(31) Priority Document No	:04007295.1	(72)Name of Inventor :
(32) Priority Date	:26/03/2004	1)FLURIO SUGGI LIVERANI
(33) Name of priority country	:EUROPEAN UNION	2)LUCA MASTROPASQUA
(86) International Application No	:PCT/EP05/003037	3)FRANS VAN EEDEN
Filing Date	:22/03/2005	4)BRUNO DELLAPIETRA
(87) International Publication No	:WO 2005/092160	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 42

(57) Abstract :

A cartridge (1) for extracting a beverage from a particulate substance (4) contained therein by means of water under pressure, the cartridge comprising; a main body comprising a cup portion (2) and a lid portion (3), the cup portion (2) comprising a base (7), a sidewall (8) and a rim (9a) opposed to the base (7), the lid portion (3) being fixedly attached to the rim (9a) of the cup portion so as to define an internal volume of the cartridge, the internal volume of the cartridge housing the particulate substance (4) comprised within filtering means (5a, 5b) for retaining the particulate substance (4) and for percolating fluid substances therethrough, the lid portion (3) comprising a lid port (6b) defining a first passage for percolation fluid substances, the base (7) of the cup portion (2) comprising a cup port (6a) defining a second passage for percolation fluid substances, characterized in, that the base comprises a plurality of ridges (101a) directly formed thereon and protruding towards the internal volume of the cartridge (1), so as to support the filtering means (5a) and the particulate substance (4) and to define a fine canalization between the filtering means (5a) and the cup port (6a)



(54) Title of the invention : BLADELESS MIXER.

(51) International classification :B01F7/00;
B01F9/00
(31) Priority Document No :2,461,269
(32) Priority Date :16/03/2004
(33) Name of priority country :Canada
(86) International Application No :PCT/CA05/000399
Filing Date :16/03/2005
(87) International Publication No :WO 2005/087358
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PLASTIQUES GYF LTEEAddress of Applicant :37,TREMBLAY SAINT-JEAN-SUR-
RICHELIEU QC CANADA J2X 2T5 Canada

(72)Name of Inventor :

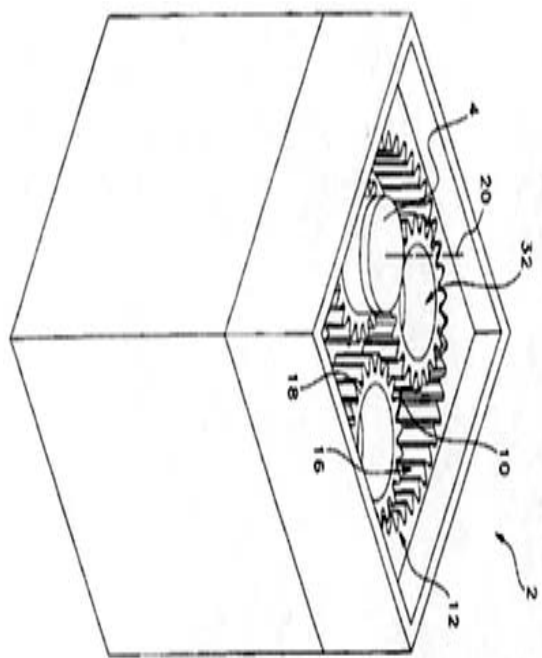
1)GERMAIN VERONNEAU

No of Pages : 14

No of Claims : 20

(57) Abstract :

A bladeless mixer/mill for agitating and mixing a compound/product. The mixer/mill comprises a driving shaft rotatable about a first vertical axis of rotation, and a motor unit operatively coupled to the driving shaft for rotating the same. A support plate is mounted onto the driving shaft and is rotatable about the first vertical axis. The mixer/mill also has a stationary ring gear coaxial to the support plate. The stationary ring gear has a portion with an inner surface extending above the support plate. At least one pinion gear is rotatably mounted onto the support plate about a second vertical axis of rotation parallel to the first vertical axis of rotation. The pinion gear has an outer surface complementary to the inner surface of the stationary ring gear. The outer surface of the pinion gear meshes with the inner surface of the stationary ring gear. The pinion gear has a cavity wherein the compound/product to be agitated and mixed/milled is inserted.



(54) Title of the invention : RESERVOIR FOR A WATER TREATMENT DEVICE AND MANUFACTURING METHOD OF THE RESERVOIR.

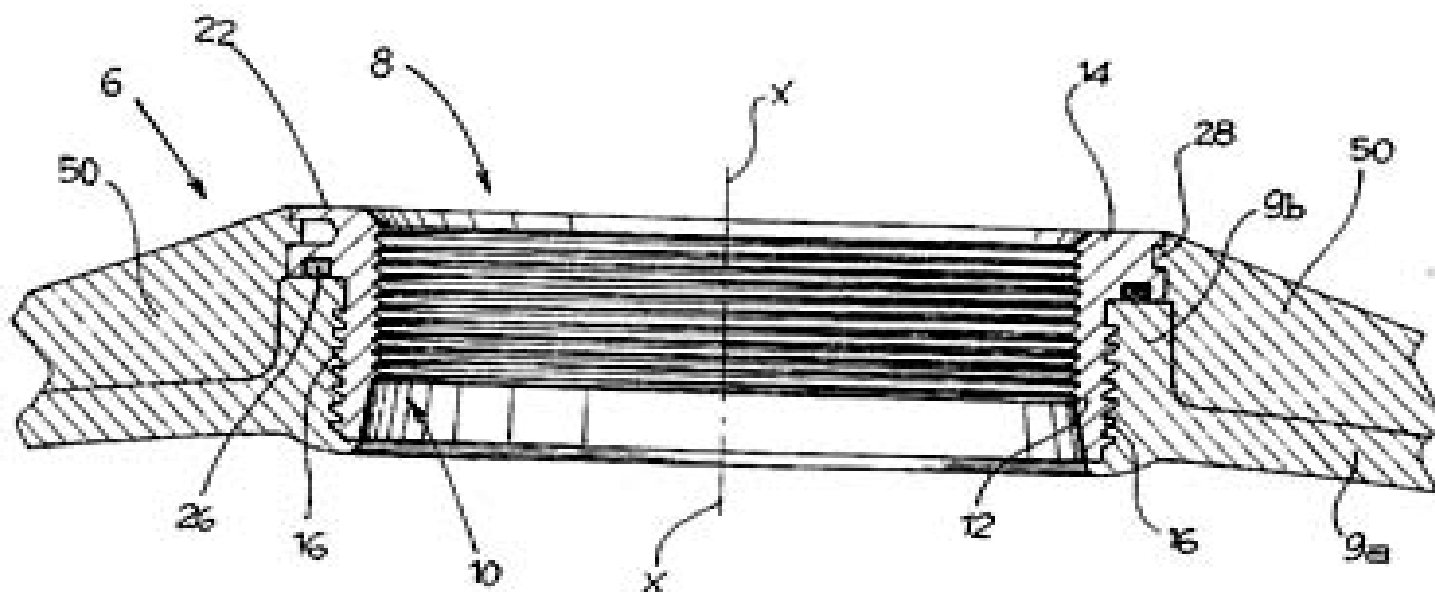
(51) International classification	:B29D 22/00 , F17C 1/16	(71)Name of Applicant :
(31) Priority Document No	:PCT/IT2004/000182	1)HYDRO SYSTEM TREATMENT S.R.L.
(32) Priority Date	:07/04/2004	Address of Applicant :Via Criconvallazione,30 F.I-25000 San Gervasio
(33) Name of priority country	:Italy	Bresciano, Italy
(86) International Application No	:PCT/IT2004/000182	(72)Name of Inventor :
Filing Date	:07/04/2004	1)ZINONI FRANCESCO
(87) International Publication No	:WO2005/098306	2)BERTOLI LORENZO
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 22

(57) Abstract :

A tank for a water-treatment device, comprising an internal coating , a hollow insert (10), with a collar (14) projecting externally from the coating , and an external covering , which is created by wrapping a bundle of glass fibre buried in a polymeric matrix around the coating. The covering comprises a portion of covering (50), which covers the collar (14), at least partially, reinforcing the connection between the insert (10) and the coating. The tank is made by blowing or using a rotational press and subsequently wrapping the bundle of fibre buried in the matrix to make the covering and the portion of covering (50).



(54) Title of the invention : DRIVE DEVICE WITH AN INPUT SHAFT AND AN OUTPUT SHAFT PARTICULARLY FOR DRIVING A CONTACT PIECE OF AN ELECTRICAL SWITCHING DEVICE.

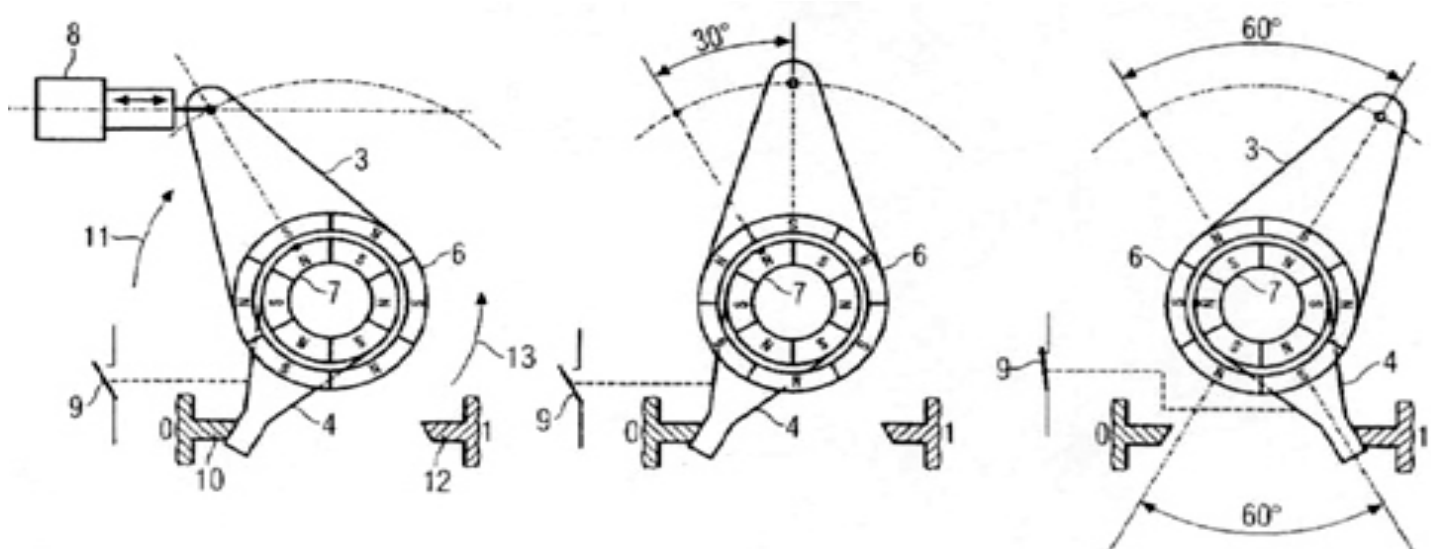
(51) International classification	:F16D27/01; H01H3/54	(71)Name of Applicant :
(31) Priority Document No	:102004014162.2	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:17/03/2004	Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/DE2005/000444	1)MEINHERZ,MANFRED,
Filing Date	:08/03/2005	2)TIETZE,JORG
(87) International Publication No	:WO2005/091320 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 6

(57) Abstract :

A drive device comprising a rotatable driving shaft and driven shaft (1,2). The driving shaft and driven shaft (1,2) are joined to each other by means of a magnetic coupling (5). The driven shaft (2) can be blocked in a direction of rotation such that magnetic forces emanating from the magnetic coupling (5) cause the driven shaft (2) to move in a direction opposite that of the direction of blocking. The driven shaft (2) moves in a springing manner.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD FOR RECOVERING MOLY BDENUM AND METHOD FOR PRODUCING CATALYST.

(51) International classification	:B01J 23/887	(71)Name of Applicant :
(31) Priority Document No	:2004-047935	1)MITSUBISHI RAYON CO.,LTD
(32) Priority Date	:24/02/2004	Address of Applicant :6-41,Konan 1-Chome,Minato-ku Tokyo 108-
(33) Name of priority country	:Japan	8506 Japan Japan
(86) International Application No	:PCT/JP2005/002593	(72)Name of Inventor :
Filing Date	:18/02/2005	1)Tomomasa TATSUMI
(87) International Publication No	:WO2005/079983	2)Hiroyuki NAITOU
	A1	3)Toru KURODA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 8

(57) Abstract :

A method for obtaining a material containing recovered molybdenum for use in the preparation of a catalyst from a molybdenum-containing material containing at least molybdenum, A element (phosphorus and/or arsenic) and X element (at least one selected from the group consisting of potassium, rubidium, cesium and thallium), in particular, from a spent catalyst; and a method for preparing a catalyst using said material containing recovered molybdenum. A particularly preferred catalyst is a catalyst for use in the production of methacrylic acid through gas phase catalytic oxidation.

(54) Title of the invention : A WATER PRESSURE TRANSFER ARTICLE.

(51) International classification	:B44C 1/175
(31) Priority Document No	:2004-040870
(32) Priority Date	:18/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018198
Filing Date	:07/12/2004
(87) International Publication No	:WO 2005/077676
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

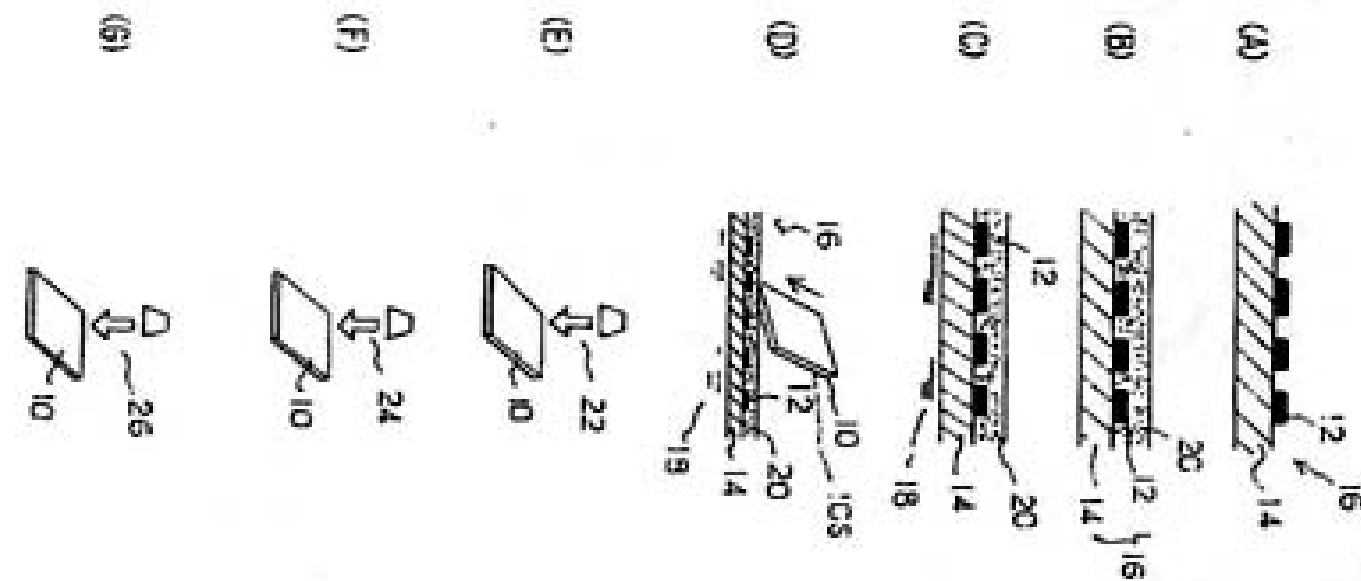
(71)Name of Applicant :
1)TAICA CORPORATION
 Address of Applicant :13-40,KONAN 2-CHOME, MINATO-KU,TOKYO, 108-0075,JAPAN Japan
 (72)Name of Inventor :
1)IKEDA,WATARU
2)OTAKI,NOBUYUKI
3)KIYOTAKI,TOMOMI

No of Pages : 63

No of Claims : 26

(57) Abstract :

A decorative layer (30) is formed by applying an ultraviolet ray-hardening resin composite (20) on a print pattern (12) of a transfer film and transferring the print pattern (12) on a surface of an article (10) under water pressure in the state where the print pattern is activated by the ultraviolet ray hardening resin composite to recover the adhesion thereof, but the ultraviolet ray hardening resin composite (20) is wholly united with the print pattern and hardened by an ultraviolet ray and the decorative layer (30) has a glossy variation and/or touch feeling in accordance with a combination of the ultraviolet ray hardening resin composite united and hardened with the print pattern and a composition of the print pattern.



(54) Title of the invention : EQUALLY DIVIDING APPARATUS FOR HUSKED RICE IN HUSKER.

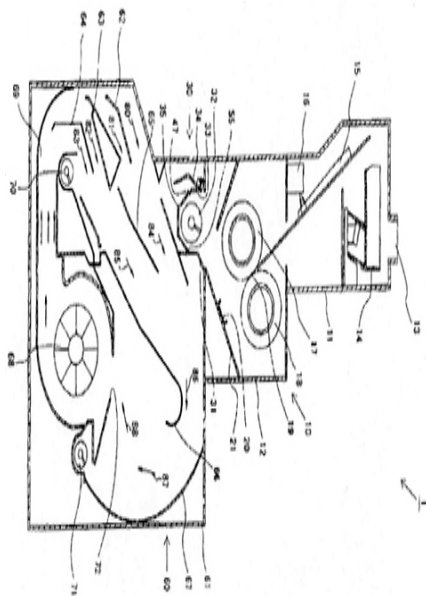
(51) International classification	:B02B3/00; B02B7/00	(71)Name of Applicant :
(31) Priority Document No	:2004-300766	1)SATAKE CORPORATION
(32) Priority Date	:14/10/2004	Address of Applicant :7-2,SOTOKANDA 4-CHOME,CHIYODA-KU TOKYO 1010021 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/018683	1)KOREDA MINORU
Filing Date	:11/10/2005	2)KAGOTA HIROYUKI
(87) International Publication No	:WO2006/041053	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 4

(57) Abstract :

An equally dividing apparatus (30) for husked rice installed between a husking part (10) and a wind selection part (60) in a husker (1), comprising an equally dividing gutter (35) receiving husked rice falling from the husking part and a screw (32) carrying the husked rice flowing into the equally dividing gutter (35) in the longitudinal direction of the equally dividing gutter. A plurality of holes (41, 42, 43) for falling the husked rice are formed in the equally dividing gutter (32), and a part thereof is closed or opened by a falling rice restricting plate (34).



(54) Title of the invention : METHODS AND SYSTEMS FOR CHARACTERIZING A SORBENT TUBE.

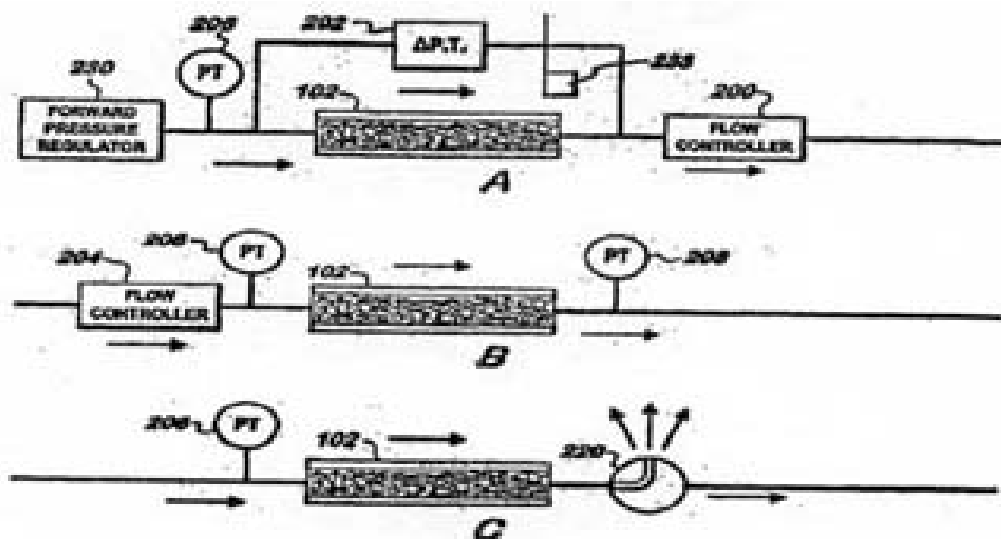
(51) International classification	:B01D46/46; G01N30/32	(71)Name of Applicant : 1)PERKINELMER LAS,INC.
(31) Priority Document No	:60/521,179	Address of Applicant :549,ALBANY STREET BOSTON,MA 02118 U.S.A.
(32) Priority Date	:04/03/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)TIPLER,ANDREW
(86) International Application No	:PCT/US2005/007260	
Filing Date	:04/03/2005	
(87) International Publication No	:WO2005/088296 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 7

(57) Abstract :

Disclosed are systems and methods that include providing a vessel having an adsorbent disposed therein, the vessel having an inlet and an outlet. for communicating a carrier gas through the vessel; determining a differential pressure between the inlet and the outlet for a known flow rate at the outlet; and, determining a geometric measure for the vessel based on a ratio of the known flow rate and the differential pressure. In some embodiments, the methods and systems can include a viscosity in the ratio, determining a flow rate at ambient pressure using a factor based on a ratio of a gas pressure at the output and ambient pressure, and/or, determining a flow rate at ambient temperature using a factor based on a ratio of a temperature at the output and ambient temperature.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : INFECTIOUS AETIOLOGY OF PROSTATIC DISEASE AND METHODS TO IDENTIFY CAUSATIVE AGENTS.

(51) International classification	:C07K14/195;C12N15/31	(71) Name of Applicant :
(31) Priority Document No	:2004901359	1)TISSUGEN PTY LTD
(32) Priority Date	:15/03/2004	Address of Applicant :41 HAMDEN ROAD,NEDLANDS,WESTERN
(33) Name of priority country	:Australia	AUSTRALIA 6009 Australia
(86) International Application No	:PCT/AU2005/0003555	(72) Name of Inventor :
Filing Date	:15/03/2005	1)COHEN,RONALD,,JOSEPH
(87) International Publication No	:WO2005/087929 A1	2)GARRETT,KERRY,N,LEE
(61) Patent of Addition to Application Number	:NA	3)SHANNON,BEVERLEY,ANNE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 109

No of Claims : 17

(57) Abstract :

The present invention relates to a method of diagnosing, or predicting risk of, prostate disease in a subject. More particularly, the invention relates to a method of diagnosing the presence of, or the predisposition to develop, prostate disease in a subject, the method comprising analysing a test sample from the subject for the presence of P. acnes infection of the prostate gland. The present invention further relates to reagents for use in this method and to methods of prevention or treatment of prostate disease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ION CHANNEL MODULATORS.

(51) International classification	:C07C 257/00	(71)Name of Applicant :
(31) Priority Document No	:60/553,789	1)WYETH
(32) Priority Date	:16/03/2004	Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/008761	(72)Name of Inventor :
Filing Date	:15/03/2005	1)ZELLE,ROBERT
(87) International Publication No	:WO2005/090291 A1	2)BAKER,CHRISTOPHER ,TODD
(61) Patent of Addition to Application Number	:NA	3)WILL,PAUL
Filing Date	:NA	4)GALULLO,VINCENT,P
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 98

No of Claims : 26

(57) Abstract :

The invention relates to compounds, compositions comprising the compounds, and methods of using the compounds and compound compositions. The compounds, compositions, and methods described herein can be used for the therapeutic modulation of ion channel function, and treatment of disease and disease symptoms, particularly those mediated by certain calcium channel subtype targets.

(54) Title of the invention : CHANGEOVER SYSTEM AND CHANGEOVER FOR A METAL FORMING MILL.

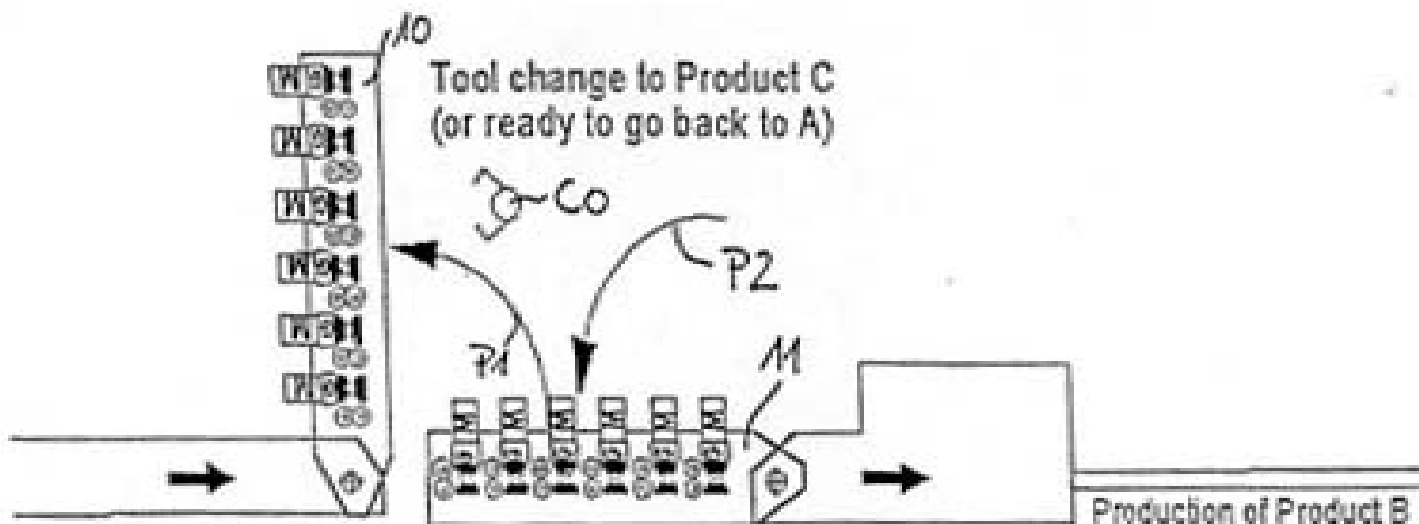
(51) International classification	:B21B31/14;B21B31/00	(71)Name of Applicant :
(31) Priority Document No	:04405120.9	1)SCAMBIA INDUSTRIAL DEVELOPEMENTS AG
(32) Priority Date	:01/03/2004	Address of Applicant :IN DER BALLOTA 2A, FL-9494 SCHAAN,
(33) Name of priority country	:EUROPEAN UNION	LIECHTENSTEIN Liechtenstein
(86) International Application No	:PCT/CH2005/000005	(72)Name of Inventor :
Filing Date	:06/01/2005	1)VANLEENE PAUL
(87) International Publication No	:WO 2005/082554	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 8

(57) Abstract :

A changeover system (1) for a metal forming mill, in particular for a tube-forming mill, comprises at least one pair of work modules (10, 11), the work modules of which are adapted to be pivoted (P1, P2) into and out of a line of work stations of the mill. Each work module (10, 11) has its own drive or drives. Within a pair of work modules the two work modules (10, 11) are arranged such, that when one work module (10;11) is arranged in the line of work stations the other one (11; 10) is arranged off the line.



(54) Title of the invention : SEAT BELT DEVICE.

(51) International classification :A44B11/25;
A44B11/26
(31) Priority Document No :2004-065709
(32) Priority Date :09/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/018149
Filing Date :05/09/2006
(87) International Publication No :WO 2005/085018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ASHIMORI INDUSTRY CO., LTD.Address of Applicant :10-18, KITAHORIE 3-CHOME, NISHI-KU,
OSAZKA-SHI, OSAKA 566-0001, JAPAN Japan

(72)Name of Inventor :

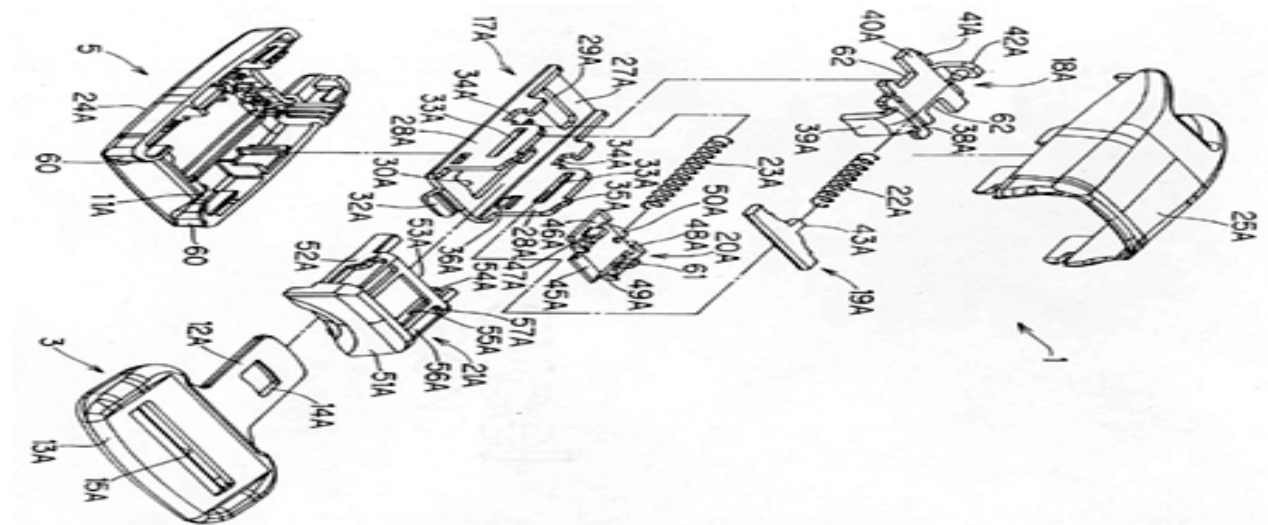
1)SUGITA KEI

No of Pages : 32

No of Claims : 3

(57) Abstract :

The present invention is intended to provide a seat belt system capable of reliably preventing inadvertent engagement even on the occurrence of erroneous insertion of a tongue plate. The seat belt system of the present invention is equipped with first and second buckle units (1) and (2) respectively comprising tongue plates (3) and (4), and buckle bodies (5) and (6). The buckle bodies (5) and (6) respectively include: frames (17A) and (17B); ejectors (20A) and (20B); hook members (18A) and (18B) making engagement with engagement holes (14A) and (14B) formed at the tongue plates (3) and (4); and release buttons (21A) and (21B). A distance (N) from an insertion front end to the engagement hole (14A) of the first tongue plate (3) is longer than a corresponding distance (P) at the second tongue plate (4). A distance (L) from an abutment part (47A) to a pushing part (48A) of the ejector (20A) of the first buckle body (5) is shorter than a corresponding distance (M) of the ejector (20A) of the second buckle body (6). The ejector (20A) of the first buckle body (5) has suppression-specific projections (61) for preventing the pivotal movement of the hook member (18A) in a direction for making engagement.



(54) Title of the invention : USE OF INDAZOLECARBOXAMIDE DERIVATIVES FOR THE PREPARATION OF A MEDICAMENT THAT IS INTENDED FOR THE TREATMENT AND PREVENTION OF PALUDISM

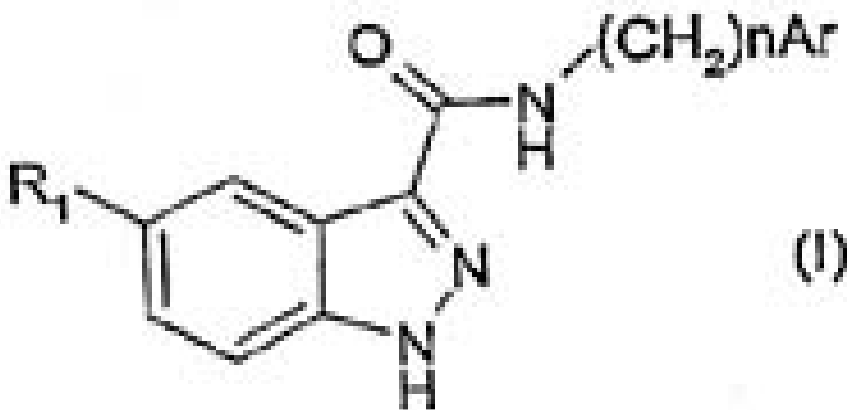
(51) International classification	:A61K 31/444	(71)Name of Applicant :
(31) Priority Document No	:04/02,702	1)SANOFI-AVENTIS
(32) Priority Date	:16/03/2004	Address of Applicant :174 AVENUE DE FRANCE FR-75013 PARIS
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2005/000612	(72)Name of Inventor :
Filing Date	:15/03/2005	1)D'ORCHYMONT HUGUES
(87) International Publication No	:WO2005/099703 A1	2)FRAISSE LAURENT
(61) Patent of Addition to Application Number	:NA	3)ZIMMERMANN ANDRE
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66

No of Claims : 7

(57) Abstract :

The invention relates to the use of a compound having general formula (I), wherein R1 represents a hydrogen or halogen atom or a -NH2, -NHR2, -NHCOR2, -NO2, -CN, -CH2NH2 or -CH2NHR2 group, or R1 represents an optionally-substituted phenyl, or R1 represents an optionally-substituted heteroaromatic group; Ar represents an optionally-substituted phenyl group or heteroaromatic group; R2 and R3 represent a C1-6 alkyl group optionally substituted by a -CONH2 group, by a phenyl group or by a heteroaromatic group, or R2 and R3 represent a phenyl group or a heteroaromatic group; and n is equal to 0, 1, 2 or 3, said compound taking the form of a base, an acid addition salt, a hydrate or a solvate. The invention can be used for the preparation of a medicament that is intended for the treatment and prevention of paludism.



(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO AN ACCESSORY FOR A FUEL BURNING OR PROCESSING ENGINE OR MACHINE.

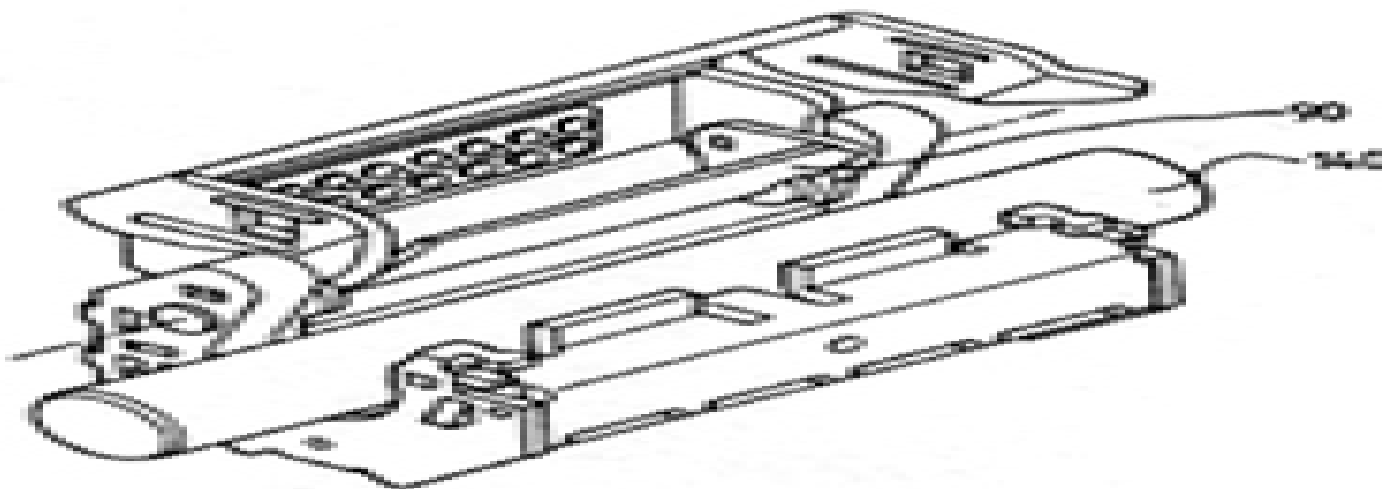
(51) International classification	:F02M27/04; H01T13/05	(71)Name of Applicant :
(31) Priority Document No	:PCT/SG2004/000033	1)LAW,SENG,TECK
(32) Priority Date	:09/02/2004	Address of Applicant :BLOCK 5,ANG MO KIO TECH II, #04-
(33) Name of priority country	:Singapore	04,ANG MO KIO INDUSTRIAL PARK IIA, SINGAPORE 567760
(86) International Application No	:PCT/SG2004/000033	Singapore
Filing Date	:09/02/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/076423	1)LAW,SENG,TECK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 17

(57) Abstract :

An accessory for a fuel burning or processing engine includes a housing having a lower housing element with a pivotally mounted cover, so that the housing may be snap-fitted to a high tension lead, such as the lead extending to a spark plug in an internal combustion engine. A core of semi-circular section; formed of a material having ferri-magnetic properties is present within the housing, the core defining a recess which receives the high tension lead. As the cover of the housing is closed, the high tension lead is clamped and retained in place in the recess. The ferri-magnetic core has high resistivity and low reluctance, and is preferably formed of ferrite.



(54) Title of the invention : SYSTEM AND METHOD FOR TRANSFORMING AND USING CONTENT IN OTHER SYSTEMS.

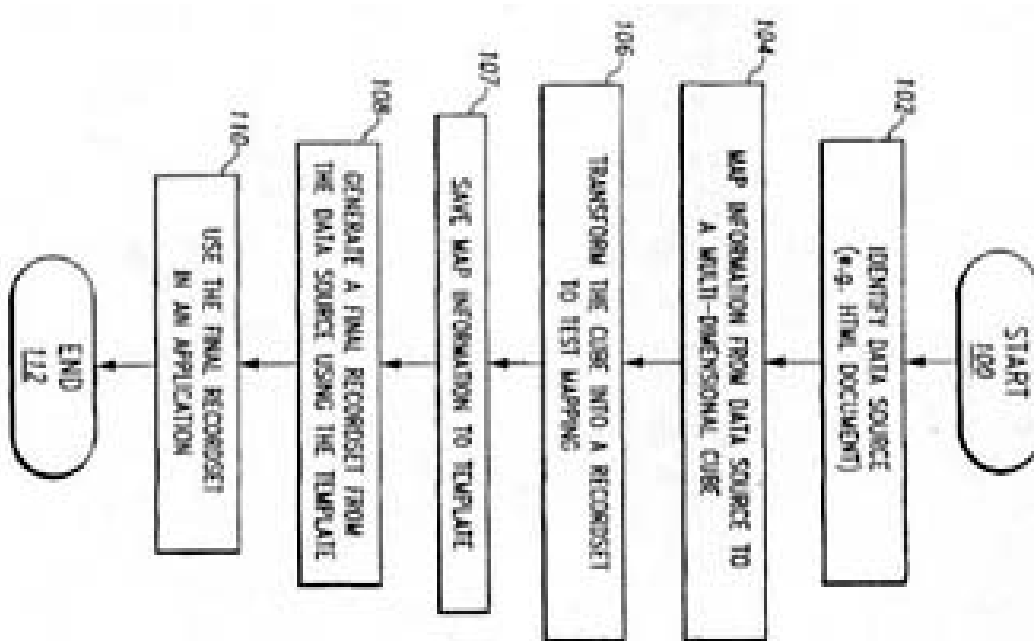
(51) International classification	:G06F17/00; G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:10/802,442	1)THEORIS SOFTWARE,LLC
(32) Priority Date	:17/03/2004	Address of Applicant :8888 Keystone Crossing,Suite 1550
(33) Name of priority country	:U.S.A.	Indianapolis,Indiana 46240 U.S.A.
(86) International Application No	:PCT/US2005/008680	(72)Name of Inventor :
Filing Date	:16/03/2005	1)ALDRIDGE,Gregory E,
(87) International Publication No	:WO2005/089356 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 38

(57) Abstract :

A computer system and method is disclosed that transforms data for use in other applications. Several client workstations and servers are coupled together over a network. A client workstations and servers are coupled together over a network. A client computer contains a user interface for performing the mapping and transformation. Data elements are mapped from a data source to a multi-dimensional cube. The multi-dimensional cube is transformed into a test recordset to determine if the data elements are mapped correctly. The mapping information is saved to a template. A server includes business logic for using the saved template to create a final recordset from the data source using the template. The server sends at least part of the recordset to a browser user interface on a client computer for display.



(54) Title of the invention : APPARATUS AND METHOD FOR CODING/DECODING BLOCK LOW DENSITY PARITY CHECK CODE WITH VARIABLE BLOCK LENGHT.

(51) International classification :H03M13/11;
H03M13/00
(31) Priority Document No :10-2004-0029739
(32) Priority Date :28/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001241
Filing Date :28/04/2005
(87) International Publication No :WO 2005/107124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to 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 Republic of Korea

(72)Name of Inventor :

1)GYU-BUM KYUNG

2)HONG-SIL JEONG

3) JAE-YOEL KIM

4) DONG-SEEK PARK

5) PAN-YUH JOO

6) SE-HO MYUNG

7) KYEONG-CHEOL YANG

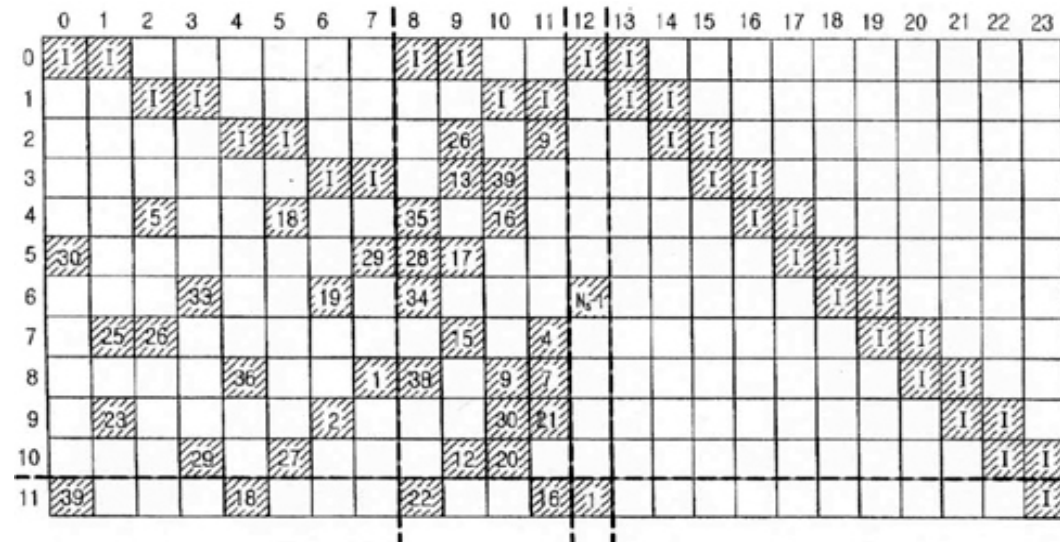
8) HYUN-KOO YANG

No of Pages : 46

No of Claims : 57

(57) Abstract :

Disclosed is a device and procedure for coding a block low density parity check (LDPC) code having a variable length. The a device and procedure includes receiving an information word; and coding the information word into a block LDPC code based on one of a first parity check matrix and a second parity check matrix depending on a length to be applied when generating the information word into the block LDPC code.



(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING PREAMBLE SEQUENCE FOR ADAPTIVE ANTENNA SYSTEM IN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM

(51) International classification	:H04J11/00; H04K1/10	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0028738	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:28/04/2004	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWN-SI, GYEONGGI-DO REPUBLIC OF KOREA Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2005/001240	1)HOON HUH
Filing Date	:06/09/2006	
(87) International Publication No	:WO 2005/107121	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 27

(57) Abstract :

Disclosed is a method and an apparatus for generating a preamble sequence for an adaptive antenna system supporting a space division multiple access in an OFDMA communication system. Particularly, disclosed is a method for forming a preamble sequence identifying each of a plurality of mobile subscriber stations located within a cell or a sector of a communication system which includes a plurality of sub-channels assigned to the mobile subscriber stations, each of the sub-channels including a plurality of bins each of which includes n number of contiguous subcarriers in a frequency domain, the preamble sequence being transmitted before each of the sub-channels is transmitted, the method including the step of generating a preamble sequence by phase-shifting a predetermined sequence according to a predetermined phase shift sequence in the frequency domain.

$1 * PR(k*9+0)$
$e^{j2\pi/9} * PR(k*9+1)$
$e^{j4\pi/9} * PR(k*9+2)$
$e^{j6\pi/9} * PR(k*9+3)$
$e^{j8\pi/9} * PR(k*9+4)$
$e^{j10\pi/9} * PR(k*9+5)$
$e^{j12\pi/9} * PR(k*9+6)$
$e^{j14\pi/9} * PR(k*9+7)$
$e^{j16\pi/9} * PR(k*9+8)$

(54) Title of the invention : METHOD AND APPARATUS FOR CALL SET UP IN A MOBILE COMMUNICATION SYSTEM.

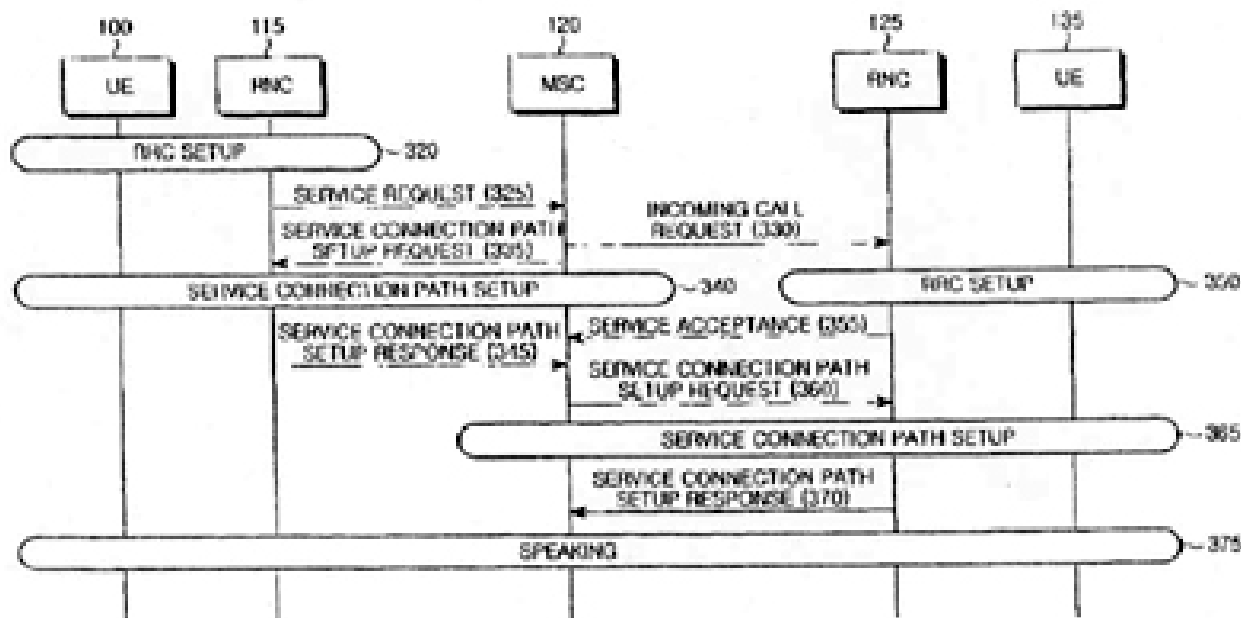
(51) International classification	:H04Q7/30; H04Q7/38	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0035728	1)Samsung Electronic CO.,Ltd
(32) Priority Date	:19/05/2004	Address of Applicant :416,Maetan-dong,Yeongtong-gu,suwon-ai
(33) Name of priority country	:Republic of Korea	Gyeonggi-do Republic of Korea
(86) International Application No	:PCT/KR2005/001462	(72)Name of Inventor :
Filing Date	:18/05/2006	1)Hyo-Joon KIM
(87) International Publication No	:WO2005/112305 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 11

(57) Abstract :

A method and apparatus for establishing a call between a calling mobile station and a called mobile station in a mobile communication system are provided. Receiving a service request message from a calling radio network controller (RNC), and transmitting an incoming call request message to a called radio network controller (RNC), transmitting a first service connection path setup request to the calling RNC prior to receiving a service acceptance message from the called RNC, transmitting a second service connection path setup request to the called RNC, if the service acceptance message corresponding to the incoming call request is received from the called RNC and then if a first service connection path setup response corresponding to the first service connection path setup request is received from the calling RNC, and receiving, from the called RNC, a second connection path setup response corresponding to the second connection path setup request.



(54) Title of the invention : APPARATUS AND METHOD FOR IMPLEMENTING VIRTUAL MIMO ANTENNAS IN A MOBILE AD HOC NETWORK.

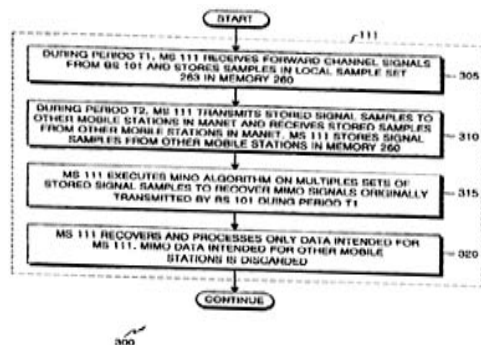
(51) International classification	:H04B7/06; H04B7/08	(71)Name of Applicant :
(31) Priority Document No	:10/837,495	1)Samsung Electronic CO.,Ltd
(32) Priority Date	:30/04/2004	Address of Applicant :416,Maetan-dong,Yeongtong-gu,suwon-ai
(33) Name of priority country	:U.S.A.	Gyeonggi-do Republic of Korea
(86) International Application No	:PCT/KR2005/000799	(72)Name of Inventor :
Filing Date	:18/03/2005	1)Joseph,R.CLEVELAND
(87) International Publication No	:WO2005/107103 A1	2)Cornelius VAN RENSBURG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 20

(57) Abstract :

A mobile station for use in a wireless network comprising a first base station that transmits user data streams in a forward channel using a multiple-input, multiple-output (MIMO) antenna system. The mobile station comprising first and second transceivers implements a virtual MIMO antenna system to receive MIMO data signals transmitted by the first base station. The first transceiver receives the MIMO data signals transmitted by the first base station and stores a first plurality of MIMO data signal samples in a memory. The second transceiver receives directly from a second mobile station a second plurality of MIMO data signal samples received by the second mobile station from the first base station. The second plurality of MIMO data signal samples are stored in memory. A MIMO algorithm generates from the first and second plurality of samples the user data streams transmitted by the base station.



(54) Title of the invention : A SYSTEM FOR TRANSFERRING AN EXCHANGEABLE INSTRUMENT BETWEEN A SENDER AND A RECIPIENT.

(51) International classification :G06F 17/16
 (31) Priority Document No :10/803,871
 (32) Priority Date :17/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US05/008079
 Filing Date :10/03/2005
 (87) International Publication No :WO 2005/089199
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

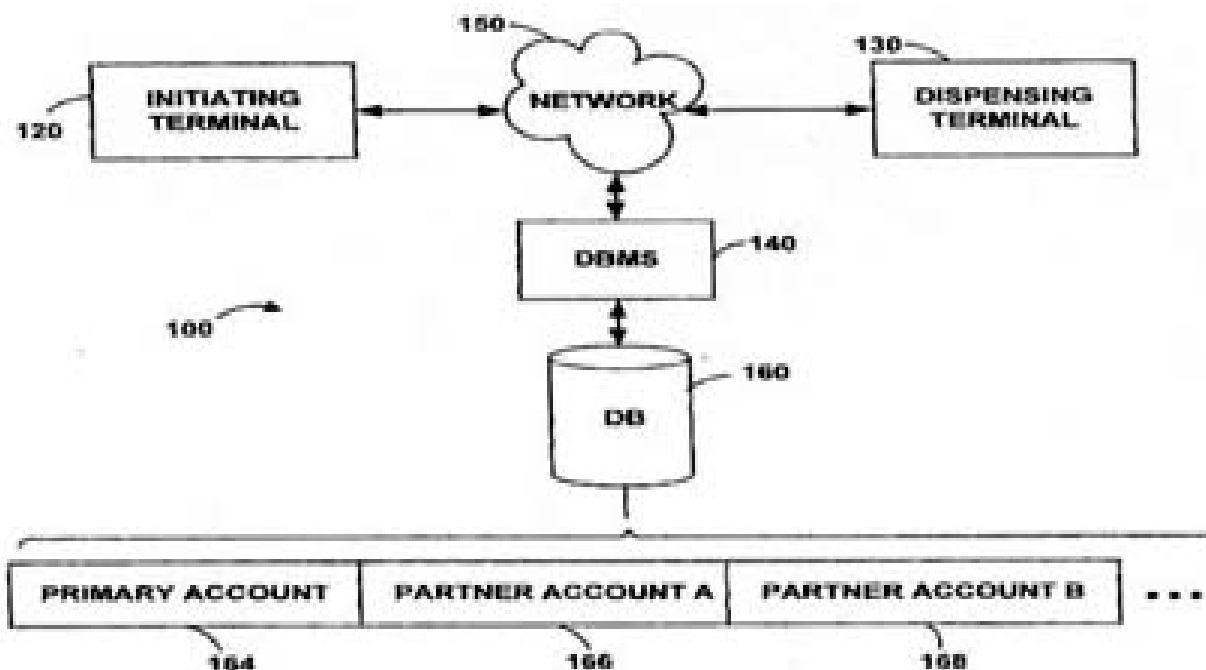
(71)Name of Applicant :
1)FIRST DATA CORPORATION,
 Address of Applicant :12500 EAST BELFORD AVENUE, SUITE
 M21A2 ENGLEWOOD,CO 80112, U.S.A U.S.A.
 (72)Name of Inventor :
1)MICHAEL J.MICHELSSEN,
2)DEBORAH REX
3)THOMAS SAYOR

No of Pages : 25

No of Claims : 34

(57) Abstract :

A system and method for facilitating money transfer from a primary account holder to one or more partner accounts. The primary account holder uses a self-service terminal, which displays information on each of several related partner accounts. The displayed partner account information permits the selection of the partner account into which money is to be transferred.



(54) Title of the invention : PREDICTION METHOD AND DEVICE FOR EVALUATING AND FORECASTING STOCHASTIC EVENTS.

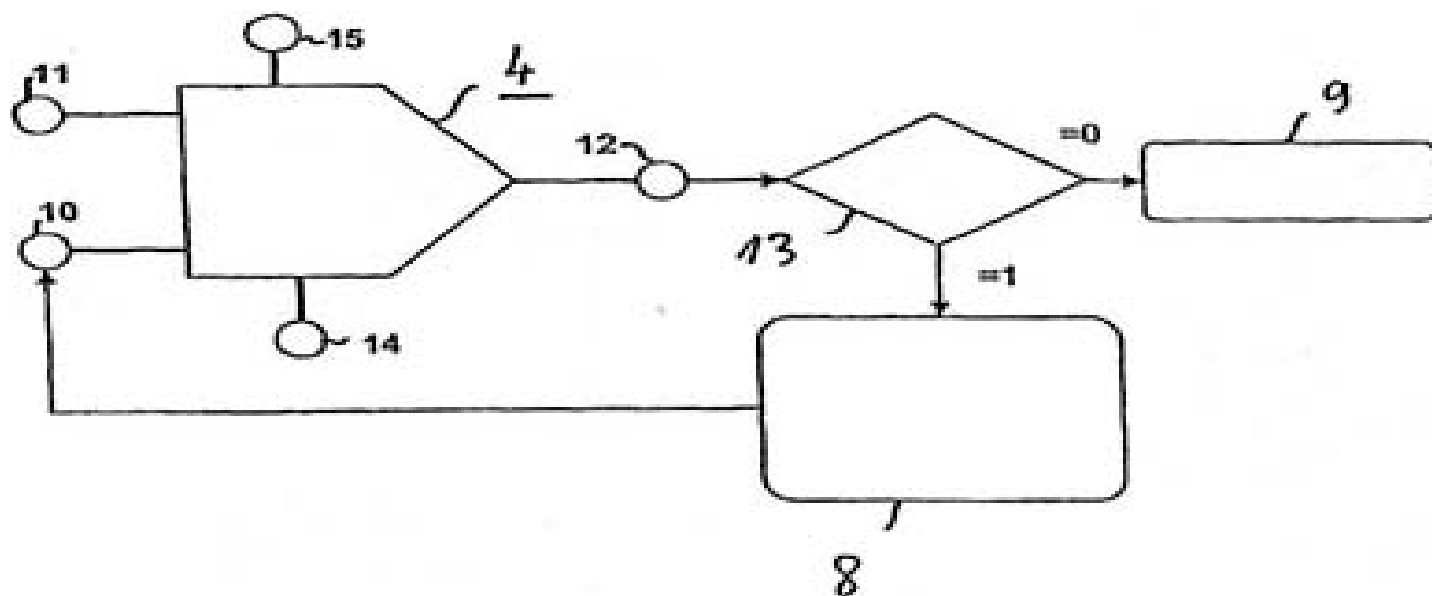
(51) International classification	:G06F17/18; G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:102004013020.5	1)BERNHARD-MUHLING-WEINECK GBR
(32) Priority Date	:16/03/2004	Address of Applicant :IM LOH-3,D-69523
(33) Name of priority country	:Germany	HEILIGKREUZSTEINACH Germany
(86) International Application No	:PCT/DE2005/000479	(72)Name of Inventor :
Filing Date	:16/03/2005	1)BERNHARD,MICHAEL
(87) International Publication No	:WO2005/091183 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 16

(57) Abstract :

The invention relates to a prediction method and device for evaluating and forecasting stochastic events. The problem with prediction methods and devices of this type is that they have a potentially static structure and cannot be adapted to modified data records or modified marginal conditions of the stochastic events. As the invention uses a feedback (7) of the evaluation results, a novel prediction method and a dynamic prediction device can be provided. Said method and device are in addition characterised in that they can process the input parameter records and input conditions in real time, whilst allowing a modified variable allocation to be included via an additional set-up input (15).



(19) INDIA

(22) Date of filing of Application :06/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR IMPLEMENTING PROCESSES RELATING TO RETAIL SALES.

(51) International classification	:G06F 17/30
(31) Priority Document No	:10/796,485
(32) Priority Date	:09/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006402
Filing Date	:25/02/2005
(87) International Publication No	:WO2005/091894 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)LOWE'S COMPANIES,INC
 Address of Applicant :1000,LOWE'S BOULEVARD
 MOORESVILLE,NC 28115 U.S.A.

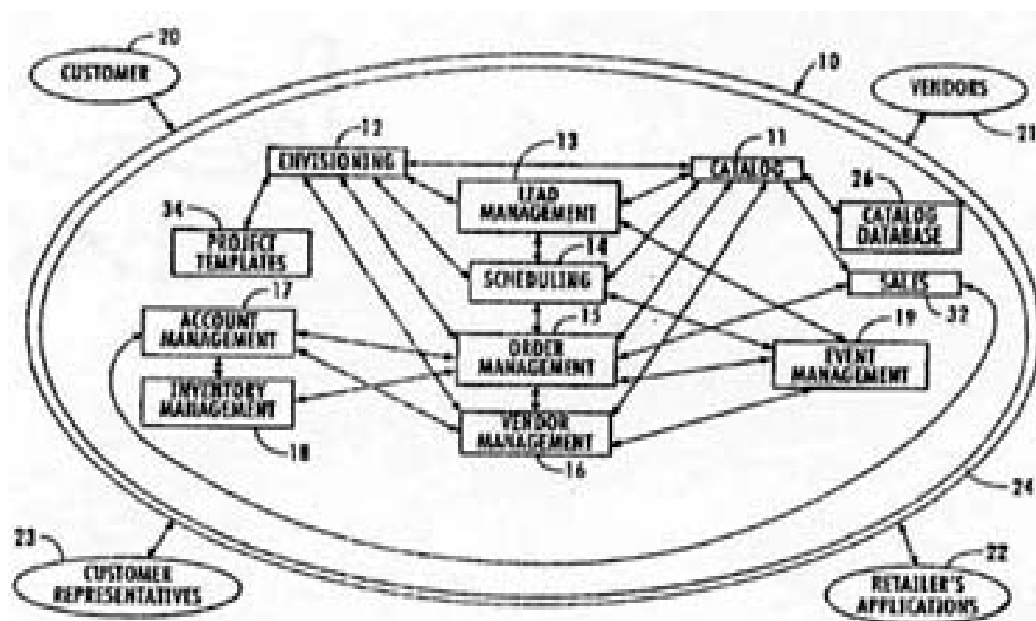
(72)Name of Inventor :
1)STONE,STEVEN,M
2)BHASKER,SANTOSH,E
3)PANZANO,ALEX,C
4)MITCHELL,JOHN,P

No of Pages : 88

No of Claims : 130

(57) Abstract :

The present invention provides a system that facilitates the selection of purchasable items for use in an environs defined by the customer. In one aspect, the system includes a processing element capable of proposing a plurality of purchasable items to the customer for selection by the customer. The processing element also is capable of receiving data representing the environs and data representing at least one purchasable item selected by the customer. The processing element is further capable of generating and displaying a three-dimensional graphical representation of the environs and each purchasable item or items selected by the customer so that the customer can visualize the items in the environs.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : RNA-MEDIATED INTERFERENCE TO CONTROL DISEASE IN TERRESTRIAL AND AQUACULTURE ANIMALS.

(51) International classification	:A61K48/00; A61K48/00	(71)Name of Applicant : 1)ADVANCED BIONUTRITION CORPORATION
(31) Priority Document No	:60/542,391	Address of Applicant :SUITE A,7155 COLUMBIA,MD 21046, U.S.A.
(32) Priority Date	:06/02/2004	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/003715	1)KYLE DAVID J.
Filing Date	:04/02/2005	2)DHAR ARUN K
(87) International Publication No	:WO 2005/079236	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 65

No of Claims : 49

(57) Abstract :

The invention is directed to compositions (e.g., feeds, feed supplements, and therapeutic products) and methods for inhibiting an animal pathogen using RNA-interference technology.

(54) Title of the invention : METHOD FOR ERECTING A TOWER.

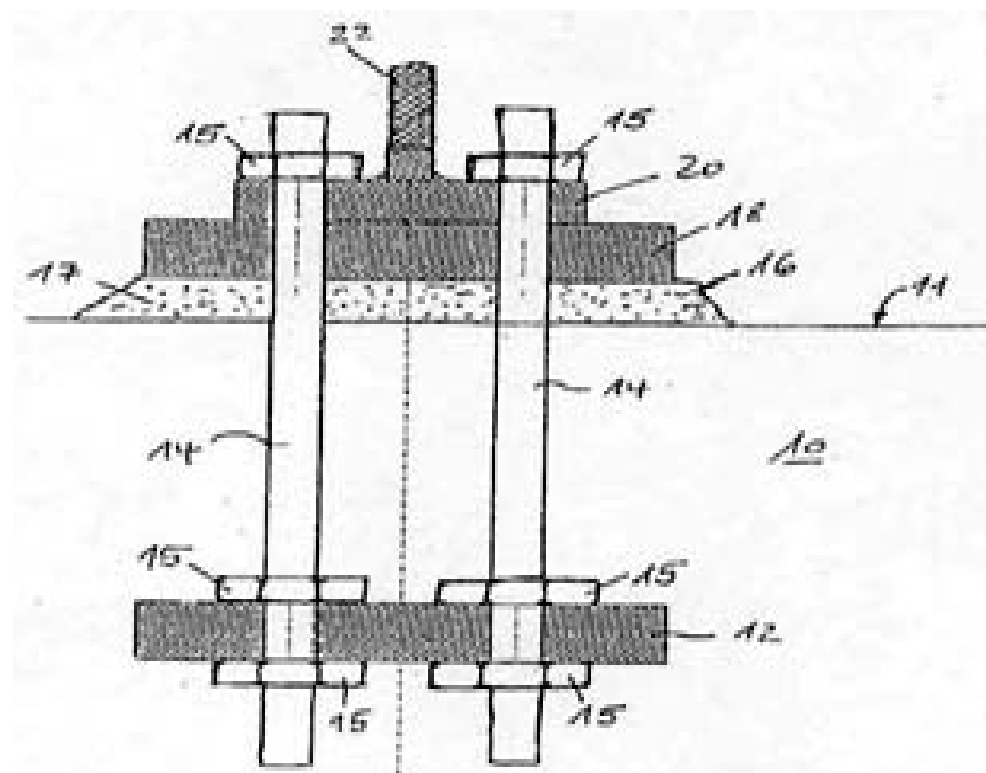
(51) International classification	:E02D27/42; F03D1/00	(71)Name of Applicant : 1)WOB BEN ALOYS
(31) Priority Document No	:102004017008.8	Address of Applicant :ARGESTRASSE 19,26607 AURICH Germany
(32) Priority Date	:02/04/2004	(72)Name of Inventor : 1)WOB BEN ALOYS
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2005/003498	
Filing Date	:04/04/2005	
(87) International Publication No	:WO2005/095717 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

According to the invention, an annular formwork is constructed with a pre-determinable width and height and filled with a pre-determinable quantity of a liquid sealing compound (16). Once the sealing mass has set and the formwork has been removed, a ring (18) is placed on the surface of the set sealing compound and a lower tower segment (20, 22) is placed on the ring and connected thereto.



(54) Title of the invention : COMPRESSOR.

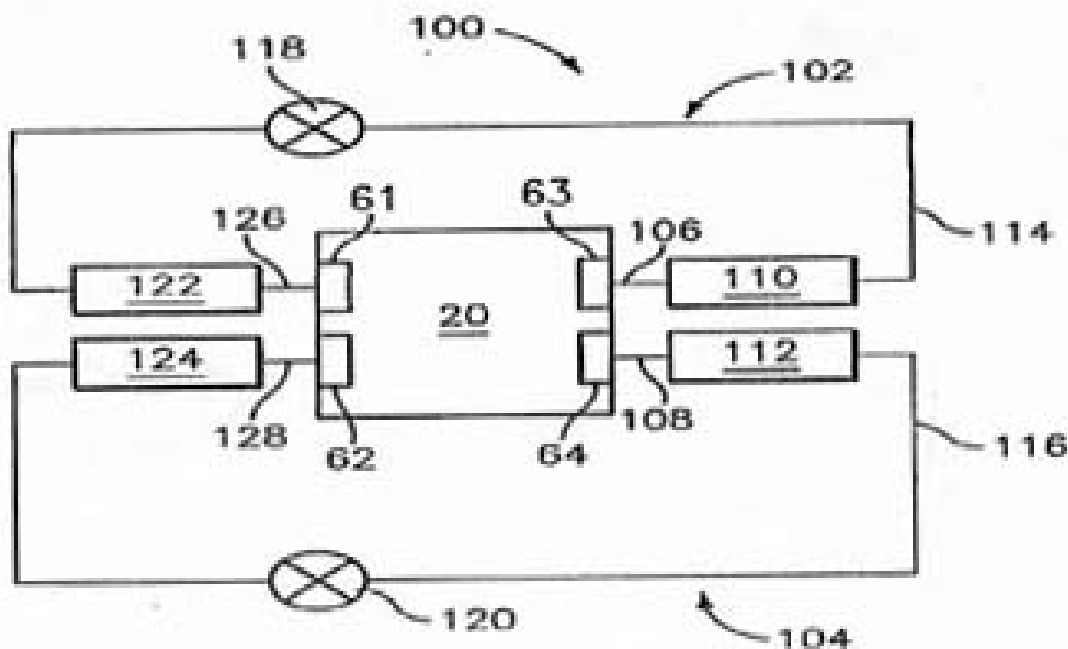
(51) International classification	:F25B1/04; F25B1/10	(71)Name of Applicant :
(31) Priority Document No	:10/821,097	1)CARRIER CORPORATION
(32) Priority Date	:08/04/2004	Address of Applicant :1 CARRIER PLACE
(33) Name of priority country	:U.S.A.	FARMINGTON,CONNECTICUT,06034-4015 U.S.A.
(86) International Application No	:PCT/US2005/011615	(72)Name of Inventor :
Filing Date	:07/04/2005	1)LIFSON,ALEXANDER
(87) International Publication No	:WO2005/100882 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 18

(57) Abstract :

A compressor has at least three-rotors. A first compression path between first inlet and outlet ports is associated with interaction of the first and second rotors. A second compression path between second inlet and outlet ports is associated with interaction of the first and third rotors. At least partial independence of the ports permits the first and second inlet ports to be at a different pressure or the first and second outlet ports to be at a different pressure. Fully or partially separate circuits in a refrigeration or air conditioning system may be associated with the first and second compression paths.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2563/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESSES FOR PREPARING EPTIFIBATIDE AND PERTINENT INTERMEDIATE COMPOUNDS.

(51) International classification	:C07D213/71; C07K5/06	(71)Name of Applicant : 1)MILLENNIUM PHARMACEUTICALS,INC
(31) Priority Document No	:60/560,453	Address of Applicant :40,LANDSDOWNE STREET,
(32) Priority Date	:08/04/2004	CAMBRIDGE,MASSACHUSETTS, 02139, U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/011873	1)HO,GUOJIE
Filing Date	:08/04/2005	2)PAONE,ANTOINETTE D.
(87) International Publication No	:WO 2005/100381	3)FORNI,LUCIANO
(61) Patent of Addition to Application Number	:NA	4)DETOLLENAERE,CATHERINE
Filing Date	:NA	5)BONNETT,BRICE
(62) Divisional to to Application Number	:NA	6)DEVIJVER,CHRISTINE
Filing Date	:NA	

No of Pages : 35

No of Claims : 46

(57) Abstract :

The present invention provides, inter alia, convergent processes for preparing eptifibatide that involve coupling a 2-6 ieptifibatide fragment lo an activated cysteiriamide residue to form a 2-7 eplifibatide fragment, attaching a mercaptopropionic acid residue to the 2-7 eptifibatide fragment through disulfide bond formation, coupling the peptide intramolecularly, and remov- ing the protecting group, to form eptifibatide. Thelinvention further provides products produced by the described processes, novel compounds that can be used as synthetic intermediates for the preparation of eptifibatide, and novel compounds that are structurally similar to eptifibalide.

(54) Title of the invention : BUYER INITIATED PAYMENT.

(51) International classification :G06Q30/00;
G06Q30/00
(31) Priority Document No :60/543,033
(32) Priority Date :09/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004269
Filing Date :09/02/2005
(87) International Publication No :WO 2005/077079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

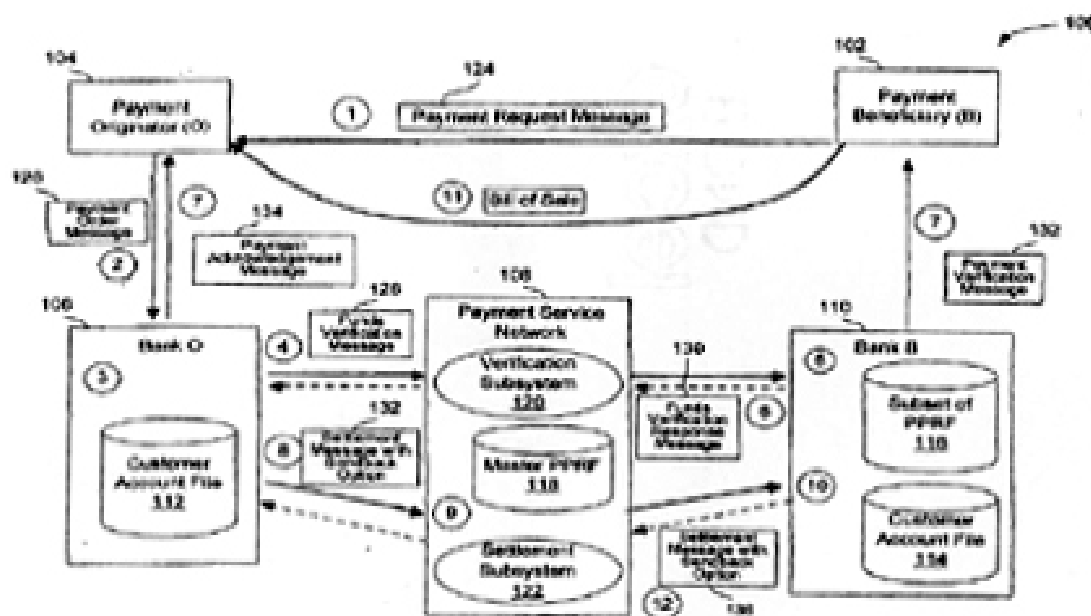
(71)Name of Applicant :
1)VISA INTERNATIONAL SERVICE ASSOCIATION
Address of Applicant :900 METRO CENTER BOULEVARD FOSTER
CITY CALIFORNIA 94404-2172 U.S.A. U.S.A.
(72)Name of Inventor :
1)HILT,NATHAN,JOHN
2)THAW,WILLIAM,ALEXANDER
3)CUDA,LAURA,SUZANNE

No of Pages : 46

No of Claims : 33

(57) Abstract :

Transferring funds from a payment originator (or payer) to a payment beneficiary (or payee) pushes the funds directly to a beneficiary's bank. The beneficiary's bank is not required to actively pull funds into the beneficiary's account. An originator can use a publicly known beneficiary indicator; to direct payment to the beneficiary. The publicly known beneficiary indicator can be publicly used without exposing a beneficiary account to Unauthorized debits or fraud since it can only be used to make credits to the beneficiary account e.g. a deposit-only account. A pre-settlement conversation is used between the two banks to verify and evaluate information about an upcoming transfer of funds to determine whether to accept the funds transfer. The messages in the pre-settlement conversation contain information about the transaction.



(54) Title of the invention : A METHOD AND DEVICE FOR INSPECTING THE INTERIOR OF A FOOTWEAR.

(51) International classification :A43D1/06;
A43D61/00
(31) Priority Document No :MI2004A 000620
(32) Priority Date :30/03/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2005/000767
Filing Date :24/03/2005
(87) International Publication No :WO 2005/094623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ELETTRONICA B.C. S.P.A.

Address of Applicant :VIA INDIPENDENZA,42, I-27029

VIGEVANO(PV) ITALY Italy

(72)Name of Inventor :

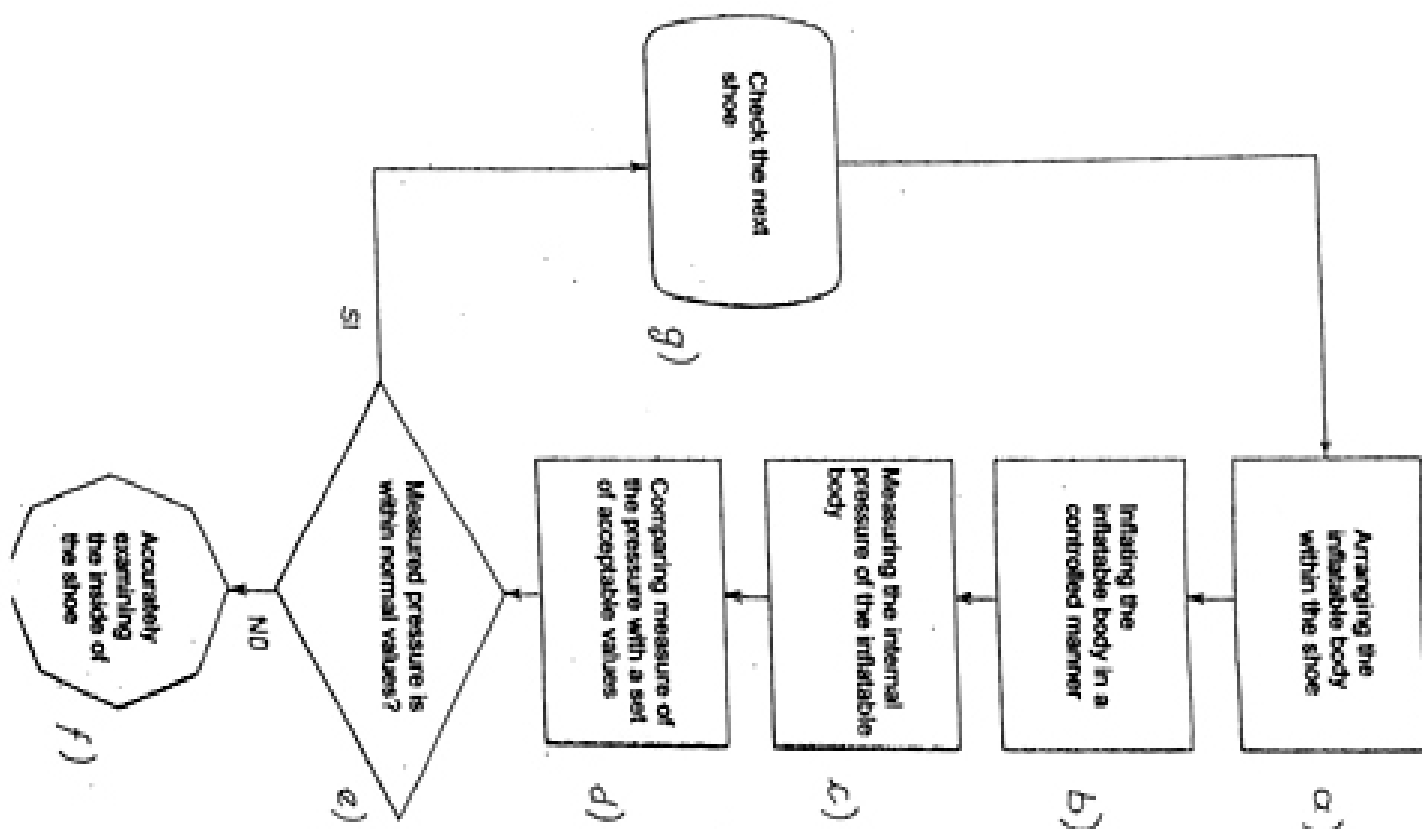
1)LOMBARDO,ROSETTA

No of Pages : 37

No of Claims : 30

(57) Abstract :

A method for inspecting the inside of a shoe, comprising the following steps: a. arranging at least one inflatable body within the shoe (1,4,101a,101b,101c,104); b. inflating, by means of a controlled amount of fluid, said inflatable body within the shoe (9,10) until the inflatable body, or a part thereof, is substantially rested on at least a portion of an inner wall of the shoe; c. after inflation, measuring and/or evaluating the internal pressure of the inflatable body and/or the force applied by said portion of an inner wall of the shoe against said inflatable body, or vice versa.



(54) Title of the invention : A METHOD AND SCHEDULER FOR PERFORMING A SCHEDULING ALGORITHM WITH MINIMUM RESOURCE PARAMETER.

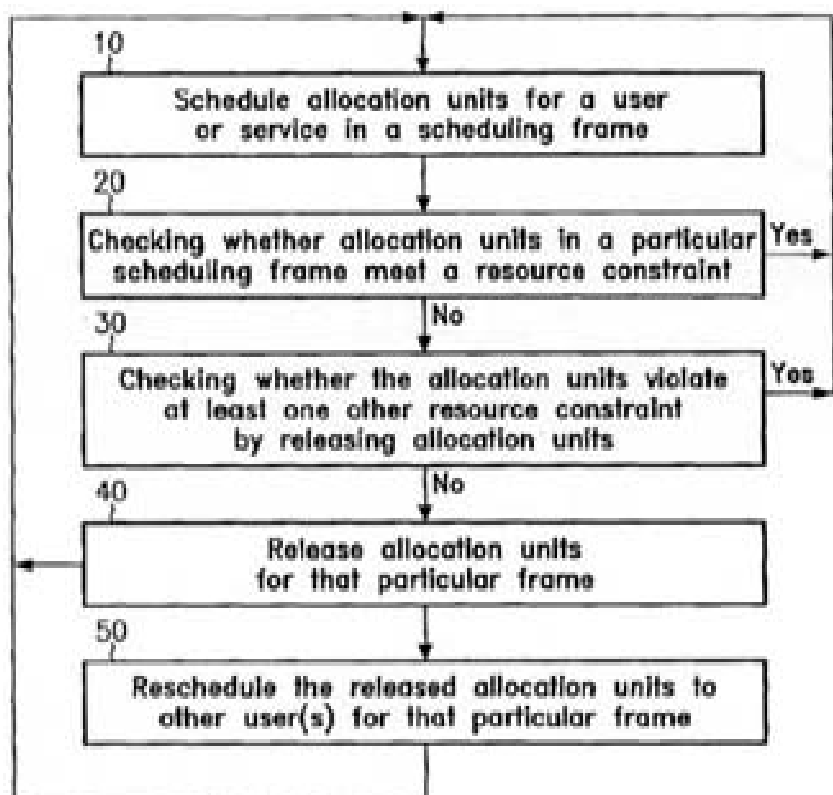
(51) International classification	:H04L12/56; H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2004/003422	1)MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD
(32) Priority Date	:31/03/2004	Address of Applicant :1006,OAZA KADOMA KADOMA-SHI
(33) Name of priority country	:Japan	OSAKA 571-8501 JAPAN Japan
(86) International Application No	:PCT/EP2004/003422	(72)Name of Inventor :
Filing Date	:31/03/2004	1)GOLITSCHKE EDLER VON ELBWART ALEXANDER
(87) International Publication No	:WO 2005/096557	2)WENGERTER CHRISTIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 22

(57) Abstract :

A method for performing a scheduling algorithm with minimum resource scheduling in a mobile communication system, comprising the steps of scheduling (10) allocation units for a user or service in a scheduling frame, checking whether (20) the allocation units scheduled for a user or service in a particular scheduling frame meet a resource constraint, and releasing the allocation units (40) scheduled for a user or service for that particular scheduling frame for based on the result of the checking step for resource constraint. The invention also concerns a scheduler in a mobile communication system, a base station and mobile terminal comprising such a scheduler and a mobile communication system.



(54) Title of the invention : METHOD FOR PROVIDING MOBILITY TO A MOBILE HOST IN A WIRELESS NETWORK EMPLOYING MULTIPROTOCOL LABEL SWITCHING

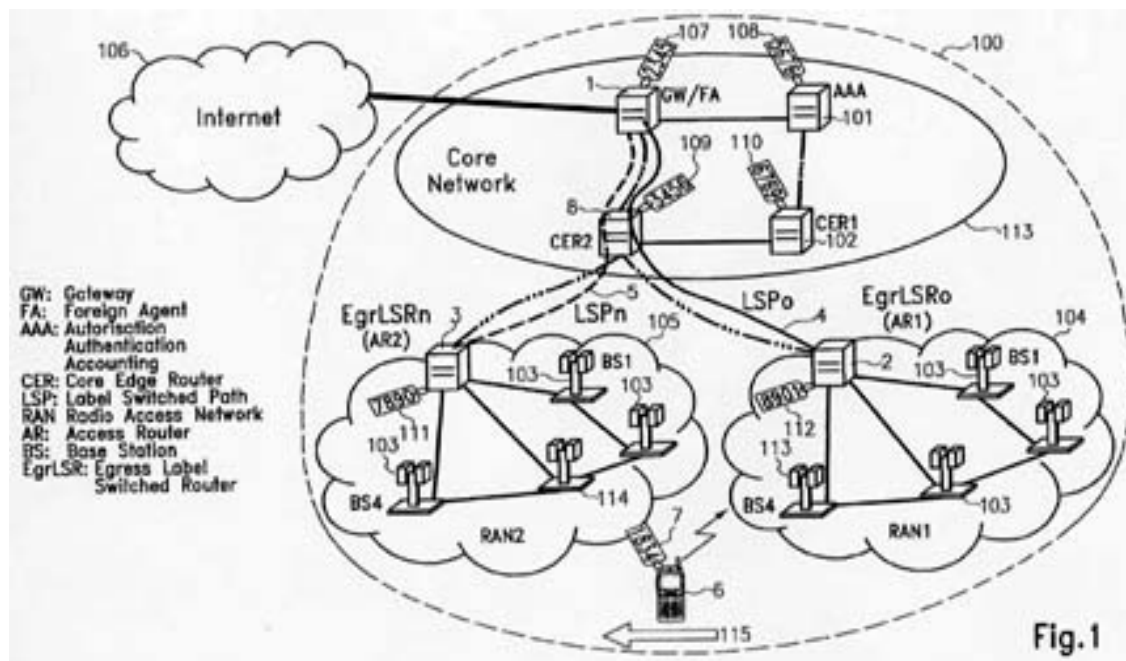
(51) International classification	:H04L12/56; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2004/003421	1)MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD
(32) Priority Date	:31/03/2004	Address of Applicant :1006,OAZA KADOMA,KADOMA-SHI, OSAKA-571-8501, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/003421	1)GENADI,VELEV
Filing Date	:31/03/2004	
(87) International Publication No	:WO 2005/096556	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 21

(57) Abstract :

A method is provided ensuring mobility to a mobile host in a wireless network with multi-protocol label switching deployed in the packet switched core network. When the mobile host is handed over between different domains of the radio access network connected to different egress nodes of the core network, a new data tunnel from the ingress node to the new egress node is built up. The mobile host does not change its Internet protocol address during handover.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2568/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ACID ALPHA-GLUCODIDASE AND FRAGMENTS THEREOF.

(51) International classification	:A61K38/47; C12N9/24	(71) Name of Applicant : 1)ZYSTOR THERAPEUTICS, INC. Address of Applicant :10437 INNOVATION DRIVE, SUITE 100 MILWAUKEE, WI 53226-4838 U.S.A.
(31) Priority Document No	:60/543,812	(72) Name of Inventor :
(32) Priority Date	:10/02/2004	1)LEBOWITZ JONATHAN
(33) Name of priority country	:U.S.A.	2)MEGA JOHN
(86) International Application No	:PCT/US2005/004286	
Filing Date	:10/02/2005	
(87) International Publication No	:WO 2005/078077	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 207

No of Claims : 46

(57) Abstract :

Targeted acid alpha-glucosidase therapeutics that localize to the lysosome are provided. The targeted therapeutics include a therapeutic agent, GAA, and a targeting moiety that binds a receptor on an exterior surface of the cell, permitting proper subcellular localization of the targeted therapeutic upon internalization of the receptor. Nucleic acids, cells, and methods relating to the practice of the invention are also provided.

(54) Title of the invention : MEDICATION DISPENSING APPARATUS WITH SPRING DRIVEN LOCKING FEATURE ENABLED BY ADMINISTRATION OF FINAL DOSE

(51) International classification :A61M5/00;
A61M5/315
(31) Priority Document No :60/557,545
(32) Priority Date :30/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/010206
Filing Date :25/03/2005
(87) International Publication No :WO2005/097233 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center,City of Indianapolis
Indiana 46285 U.S.A.

(72)Name of Inventor :

1)Alexander Thomas JACOBS

2)Jared Alden JUDSON

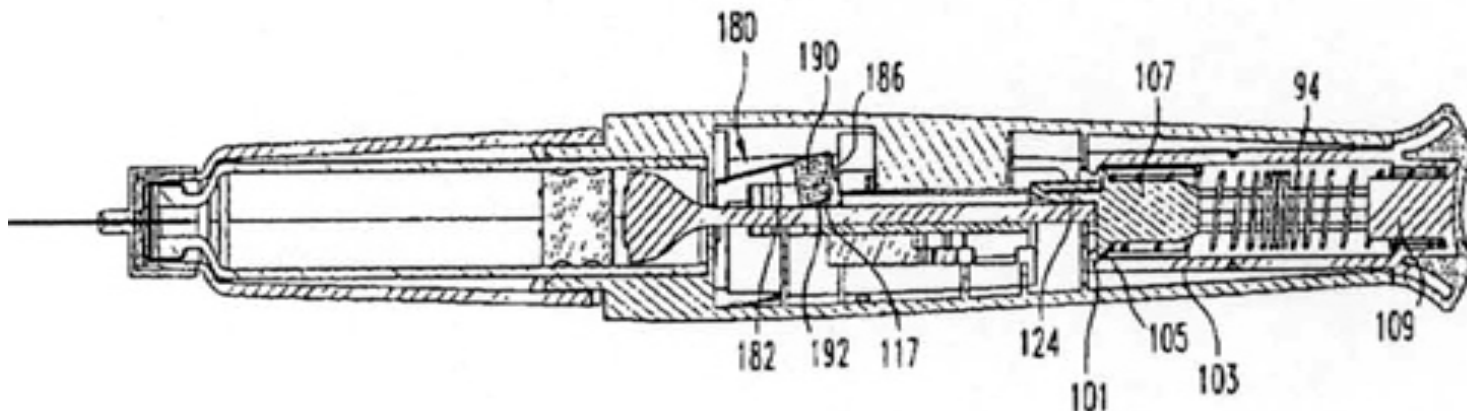
3)Gordon Davidson ROW

No of Pages : 30

No of Claims : 12

(57) Abstract :

A medication dispensing apparatus with a spring-driven locking feature. The apparatus includes a drive member movable in a distal direction within a housing, and a fluid container with a movable piston that is advanceable by the drive member when such drive member is moved distally by a driving means. The apparatus includes a latching element having a skid that is slidable along a surface of the drive member as the drive member passes distally during advancement. The drive member is structured and arranged with the skid so as to maintain a latching lip of the latching element against a spring force in a first position free of the driving means during dose preparing and injecting prior to a final dose administration. The skid-engaging surface shifts distally of the skid such that the skid passes beyond a proximal end of that surface upon administration of a final dose, whereby the latching lip is urged by the spring force from the first position to a second position to physically lock the driving means to prevent further dose preparing and injecting.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2570/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ESSENTIAL OIL AND OTHER SUBSTANCE SOLUBILISED PRODUCTS

(51) International classification	:A23L 1/035	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AQUANOVA GERMAN SOLUBILISATE TECHNOLOGIES
(32) Priority Date	:NA	(AGT) GMBH
(33) Name of priority country	:NA	Address of Applicant :BIRKENWEG 8-10, 64295 DARMSTADT,
(86) International Application No	:PCT/EP2004/008175	GERMANY Germany
Filing Date	:22/07/2004	(72) Name of Inventor :
(87) International Publication No	:WO/2006/010370	1)BEHNAM,DARIUSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 24

(57) Abstract :

The invention relates to processing hardly water soluble and water-insoluble substances which being inserted in water or oil produce; a clear solution and are easily incorporated into food, cosmetic, pharmaceutical products and nutrient solutions; wherein they are finely and homogeneously distributed. Said invention also relates to a concentrate containing an active agent of a group consisting of algae oil, essential oil, terpinen, phosphatidyl serine, 0-3 fatty acid, lanolin, linoleic acid triglyceride, citral or teenfree oil and an excess of polysorbate of at least two and a half times the active agent weight.

(54) Title of the invention : SYSTEM AND METHOD FOR DISPLAYING IMAGES IN AN ONLINE DIRECTORY.

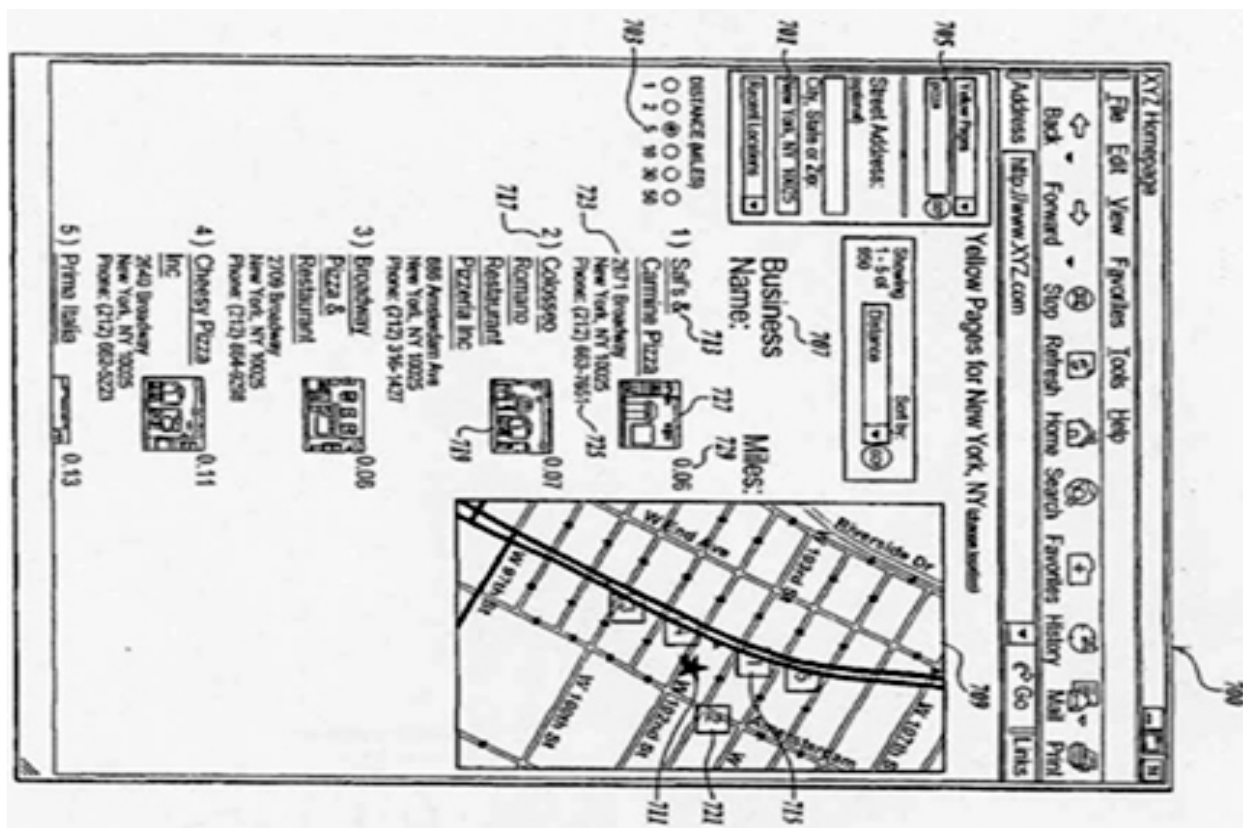
(51) International classification	:G01C21/00; G01C21/26	(71)Name of Applicant :
(31) Priority Document No	:10/809,049	1)A9.COM,INC
(32) Priority Date	:24/03/2004	Address of Applicant :SUITE 300,400 HAMILTON AVENUE, PALO ALTO,CA 94301, U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/009942	1)DORFMAN , BARNABY,M.
Filing Date	:24/03/2005	2)MANBER,UDI
(87) International Publication No	:WO 2005/094550	3)GOLD,JONATHAN,A
(61) Patent of Addition to Application Number	:NA	4)HA , HUGH
Filing Date	:NA	5)CARO-BRUCE,TIMOTHY
(62) Divisional to to Application Number	:NA	6)KARLS,JASON
Filing Date	:NA	

No of Pages : 55

No of Claims : 61

(57) Abstract :

Embodiments of the present invention provide a method and system for generating an online listing, such as a yellow pages listing, that includes information about an object, such as a business, and also includes at least one image of the structure containing the object. For example, the image may be a digital image of the store front of a business taken at a street view. Additionally, a user may select an image from a plurality of images that the user perceives as being an appropriate representative image for the business. Based on votes received a default representative image may be identified that is provided in response to a request for information about the business.



(54) Title of the invention : REPLACEABLE CARTRIDGE FILTERING JUG.

(51) International classification :B01D35/143;
C02F1/00
(31) Priority Document No :PD2004A000095
(32) Priority Date :08/04/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2004/012391
Filing Date :03/11/2004
(87) International Publication No :WO2005/097293 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant:

1)LAICA S.P.AAddress of Applicant :VIALE DEL LAVORO,10,I-36020
BARBARANO VICENTINO,ITALY Italy

(72)Name of Inventor :

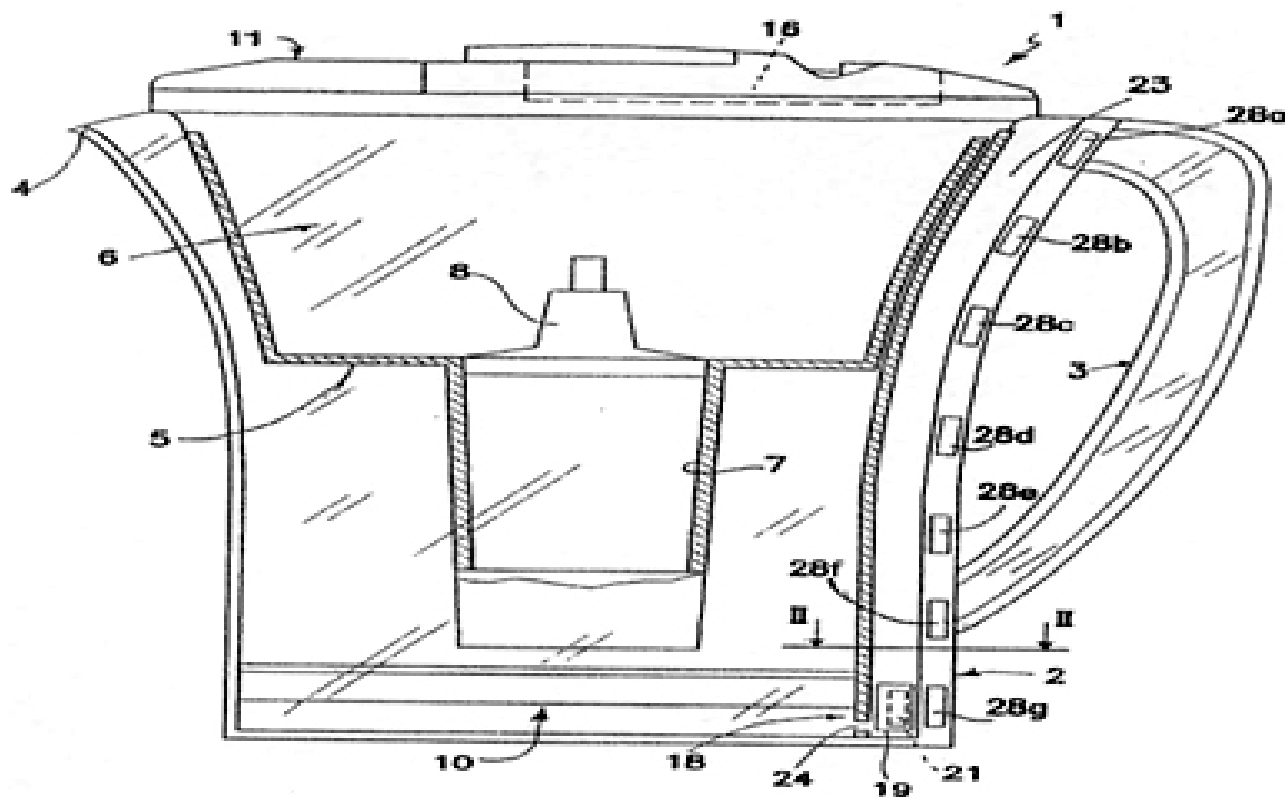
1)MORETTO,MAURIZIO

No of Pages : 10

No of Claims : 8

(57) Abstract :

Replaceable cartridge (8) filtering jug (1) comprising a vessel (6) containing water requiring filtration and a vessel (10) for the collection of filtered water in which the vessels are connected through the cartridge (8) together with means (18) for counting the filtering cycles performed by the cartridge in order to determine the state of exhaustion of the same which comprise at least one float level detector (19) associated with one of the vessels (6, 10) and capable of generating at least one counting signal fed to counting means as a result of the corresponding water level being reached within the corresponding vessel.



(54) Title of the invention : FULLY INHIBITED DUAL CHAMBER PACING MODE.

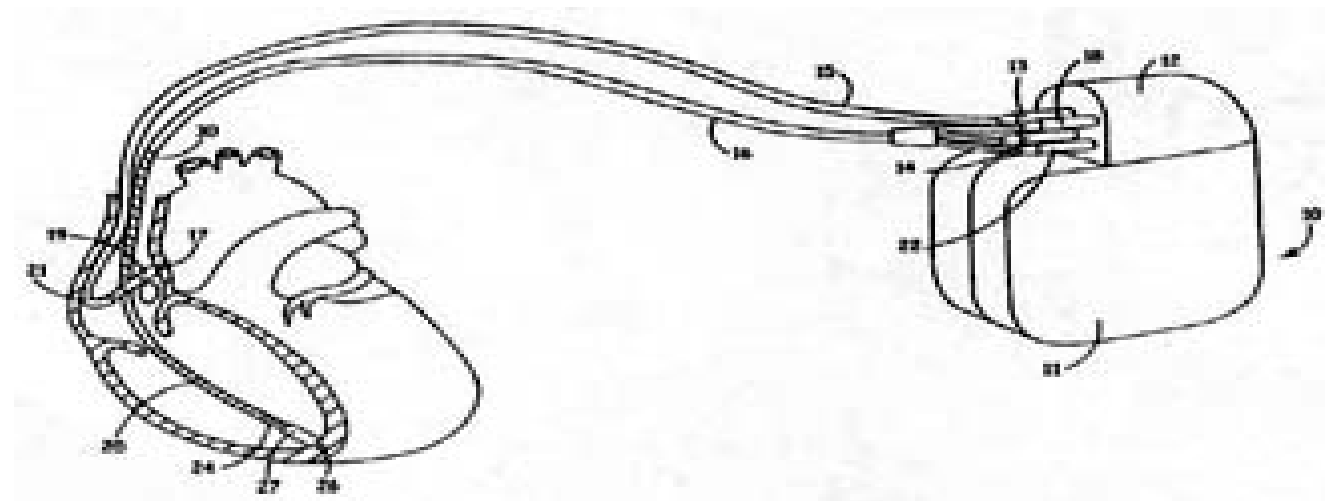
(51) International classification	:A61N1/368; A61N1/368	(71)Name of Applicant : 1)MEDTRONIC,INC
(31) Priority Document No	:10/814,692	Address of Applicant :MS LC340,710 MEDTRONIC PARKWAY, MINNEAPOLIS ,MINNESOTA 55432 U.S.A.
(32) Priority Date	:31/03/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)STROEBEL,JOHN,C
(86) International Application No	:PCT/US2005/009776	
Filing Date	:23/03/2005	
(87) International Publication No	:WO2005/097259 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 62

No of Claims : 54

(57) Abstract :

A pacing mode is provided, in one embodiment, that permits missed or skipped ventricular beats. The mode monitors a full cardiac cycle (A-A interval) for the presence of intrinsic ventricular activity. If ventricular activity is present, a flag is set that is valid for the next cardiac cycle. At the beginning of the next cardiac cycle, the device determines if the flag is present. So long as the flag is present, the device will not deliver a ventricular pacing pulse in that cycle, even if there is no intrinsic ventricular activity. If there is no flag present at the start of a given cardiac cycle, a ventricular pacing pulse is delivered and this ventricular activity sets a flag for the subsequent cardiac cycle.



(54) Title of the invention : AN APPARATUS FOR MOLDING A MOLD AND A METAL MOLD USED THEREFOR.

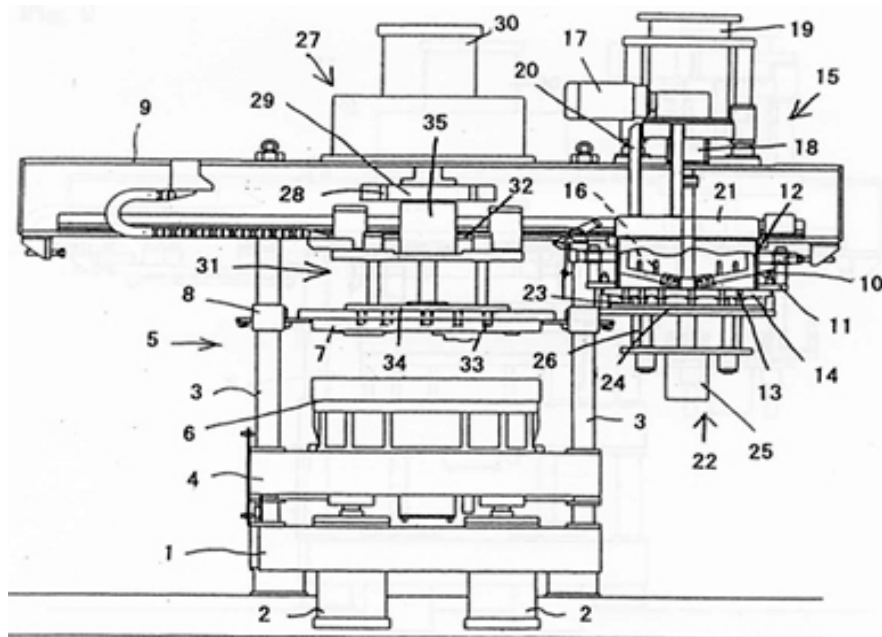
(51) International classification	:B22C5/04; B22C15/02	(71)Name of Applicant :
(31) Priority Document No	:2004-083863	1)SINTOKOGIO,LTD.
(32) Priority Date	:23/03/2004	Address of Applicant :28-12,MEIEKI 3-CHOME NAKAMURA-KU
(33) Name of priority country	:Japan	NAGOYA-SHI AICHI-KEN 450-0002 JAPAN Japan
(86) International Application No	:PCT/JP2005/005126	(72)Name of Inventor :
Filing Date	:22/03/2005	1)ZENPO TOSHIHIKO
(87) International Publication No	:WO 2005/089984	2)KATO YUSUKE
(61) Patent of Addition to Application Number	:NA	3)ASANO NORIHIRO
Filing Date	:NA	4)NAGASAKA MASAHICO
(62) Divisional to to Application Number	:NA	5)NISHIKAWA KAZUYUKI
Filing Date	:NA	6)TANAKA MOTOYASU

No of Pages : 23

No of Claims : 11

(57) Abstract :

A casting mold forming apparatus for forming a casting mold by charging under pressure a foamed mixture, the foamed mixture obtained by agitating together of a granular aggregate, a water-soluble binder and water, into the cavity of a heated metal mold; and a metal mold unit for use therein. It is intended to provide a casting mold forming apparatus that is capable of effective utilization of the foamed mixture and capable of satisfactorily ensuring of charging of fluid sand into the metal mold cavity, and to provide a metal mold unit that is capable of striking shortening of hardening time of the foamed mixture. In particular, there is provided a casting mold forming apparatus comprising mixture accommodating means (10) simultaneously fulfilling the function as an agitation vessel for agitation of a granular aggregate, a water-soluble binder and water and the function as a pressure charging column for accommodating the mixture to be charged under pressure, which mixture accommodating means (10) includes hollow rectangular parallelepiped (12) that constitutes a rectangular parallelepiped and has a vertically through hollow, the hollow rectangular parallelepiped (12) having its lower end opening closed with bottom plate (14), this bottom plate (14) provided in through form with injection holes (13) for mixture injection, and further comprising stopper means (22) capable of closing the injection holes (13). Still further, the casting mold forming apparatus comprises at least one of means for measuring the temperature of granular aggregate or foamed mixture, means for measuring the viscosity of foamed mixture and means for measuring the water content of foamed mixture. Moreover, there is provided a metal mold unit comprising communicating means (103) for communication of casting die cavity interior with external air within such an extent that gases are passed but granular aggregate is not passed therethrough.



(54) Title of the invention : NANOCCELL DRUG DELIVERY SYSTEM .

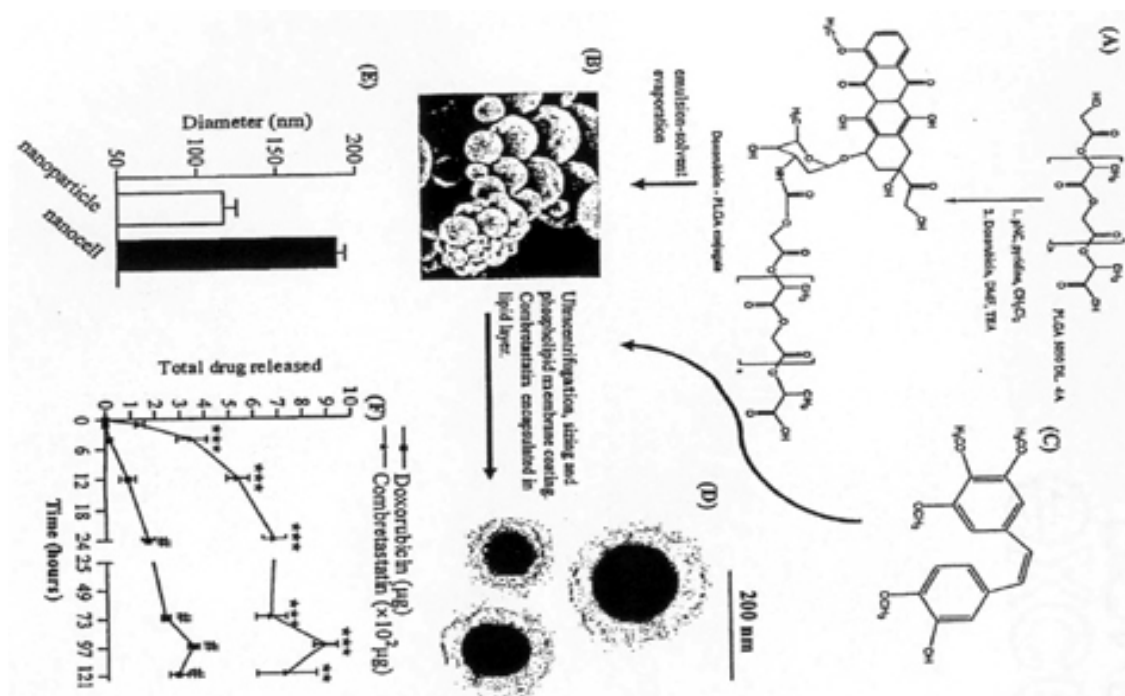
(51) International classification :A61K9/51; A61K9/127; A61K45/00 (31) Priority Document No :60/549,280 (32) Priority Date :02/03/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/006684 Filing Date :07/09/2006 (87) International Publication No :WO 2005084710 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY Address of Applicant :FIVE CAMBRIDGE CENTER, CAMBRIDGE CENTER, CAMBRIDGE, MA 02142-1493, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor : 1)SENGUPTA SHILADITYA 2)ZHAO GANLIN 3)CAPILA ISHAN 4)EAVARONE DAVID 5)SASISEKHARAN RAM

No of Pages : 75

No of Claims : 110

(57) Abstract :

Nanocells allow the sequential delivery of two different therapeutic agents with different modes of action or different pharmacokinetics. A nanocell is formed by encapsulating a nanocore with a first agent inside a lipid vesicle containing a second agent. The agent in the outer lipid compartment is released first and may exert its effect before the agent in the nanocore is released. The nanocell delivery system may be formulated in pharmaceutical composition for delivery to patients suffering from diseases such as cancer, inflammatory diseases such as asthma, autoimmune diseases such as rheumatoid arthritis, infectious diseases, and neurological diseases such as epilepsy. In treating cancer, a traditional antineoplastic agent is contained in the outer lipid vesicle of the nanocell, and an antiangiogenic agent is loaded into the nanocore. This arrangement allows the antineoplastic agent to be released first and delivered to the tumor before the tumor's blood supply is cut off by the antiangiogenic agent.



(54) Title of the invention : POURING METHOD DEVICE AND CAST IN VACUUM MOLDING PROCESS.

(51) International classification :B22C9/00;
B22C9/03
(31) Priority Document No :2004-108911
(32) Priority Date :01/04/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/006481
Filing Date :01/04/2005
(87) International Publication No :WO/2005/095022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SINTOKOGIO, LTD.Address of Applicant :28-12, MEIEKI 3-CHOME NAKAMURA-KU
NOGOYA-SHI AICHI-KEN 450-0002 Japan

(72)Name of Inventor :

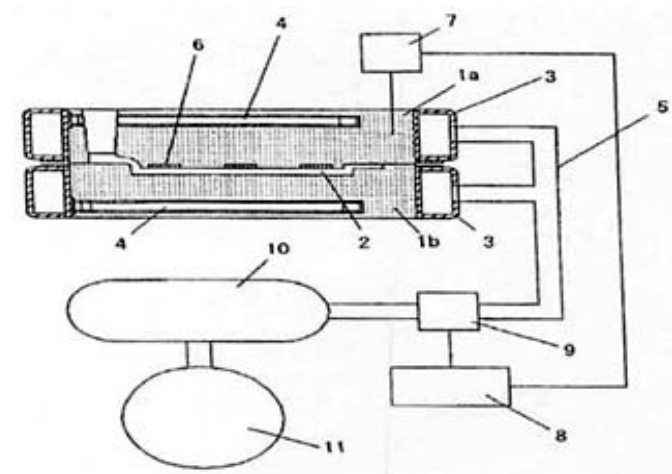
1)MAKINO HIROYASU**2)TOMITA TAKETOSHI****3)TAKAFUMI OBA****4)SUZUKI HIROAKI****5)MIZUNO KENJI****6)ANDO TOSHIAKI****7)ENDOMOTO YOSHINOBU****8)INQUE TAKAO****9)TAKEDA SHIZUO**

No of Pages : 33

No of Claims : 27

(57) Abstract :

A method and a device for pouring a molten metal in a vacuum molding for casting a thin-walled casting by using a V-process casting mold (molding frame body) and a casting cast by the method. The method comprises a shielding member fitting step for fitting a shielding member onto the surface of a prototype plate, a step for placing the molding frame body on the fitted shielding member and filling a filler not containing, a bond in the molding frame body, a step for sucking the shielding member to the filler side by bringing the inside of the molding frame body into a negative pressure by closing the upper surface of the filler to form the shielding member, a step for molding a semi-split casing mold with a molding surface by releasing the prototype plate from the shielding member, a step for defining a casting cavity and forming a completed casting mold by matching the semi-split casting mold with another semi-split casting mold molded in the same manner as in the case of the semi-split casting mold, a step for pouring the molten metal in the casting cavity, and a step for taking out the casting by releasing the state of negative pressure in the molding frame body. The method also comprises a step for depressurizing the inside of the casting cavity through the molding frame body before starting to pour the molten metal in the completed casting mold.



(54) Title of the invention : VALVE FOR DISPENSING PRODUCT.

(51) International classification :B65D5/72;
B65D37/00
(31) Priority Document No :10/811,180
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007327
Filing Date :07/03/2005
(87) International Publication No :WO2005/102856 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

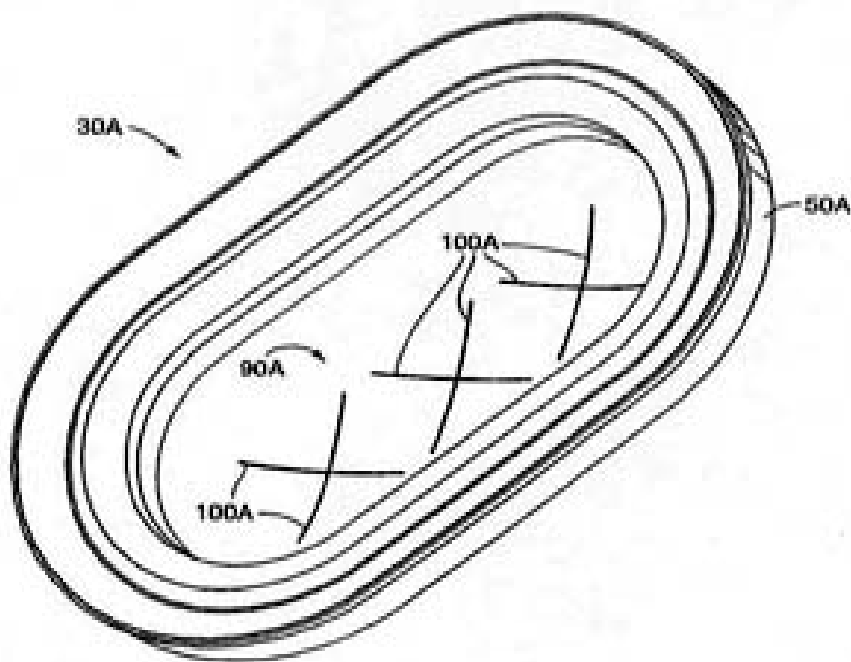
(71)Name of Applicant :
1)SEAQUIST CLOSURES FOREIGN,INC.
Address of Applicant :475,WEST TERRA COOTA CRYSTAL
LAKE,IL 60014 U.S.A.
(72)Name of Inventor :
1)SOCIER,TIMOTHY,R.
2)OLECHOWSKI,GREGORY,M.
3)TUCKEY,STEVEN,R
4)HATTON,JASON,D
5)BROWN,STUART,R

No of Pages : 66

No of Claims : 12

(57) Abstract :

A valve (30, 30A, 30B, 30C, 30D) is provided with a peripheral attachment portion (50, 50A, 50B, 50C) by which the valve may be attached to a dispensing structure (34) through which can be discharged a product from a supply of the product. The valve (30, 30A, 30B, 30C, 30D) includes a flexible, peripheral sleeve (70, 70A) extending from the peripheral attachment portion (50, 50A, 50B, 50C). The sleeve (70, 70A) has a central elongate portion (72, 72A) and two shorter end portions (74, 74A) at opposite ends of the elongate portion (72, 72A) so that the central elongate portion (72, 72A) and the two shorter end portions (74, 74A) together define an interior volume. The valve (30, 30A, 30B, 30C, 30D) also has a flexible, elongate head (90, 90A) extending from the peripheral sleeve (70, 70A). The head (90, 90A) includes at least one elongate slit (100, 100A, 100D) defining two, opposed, elongate, openable regions (101, 101 A) in the head which are normally closed and which open to permit the discharge of the product therethrough in response to a pressure differential across the head.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2578/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION OF TOLPERISONE FOR ORAL ADMINISTRATION.

(51) International classification	:A61K31/4453; A61K9/20; A61K9/22	(71)Name of Applicant : 1)SANOCHEMIA PHARMAZEUTIKA AG Address of Applicant :BOLTZMANNGASSE 11,A-1090 WIEN Austria
(31) Priority Document No	:A386/2004	(72)Name of Inventor :
(32) Priority Date	:05/03/2004	1)BODENTEICH ANGLIKA
(33) Name of priority country	:Austria	2)PIRICH EBERHARD
(86) International Application No	:PCT/EP2005/002379	3)BOCKMANN JOSEF
Filing Date	:05/03/2004	4)FRANTSITS WERNER
(87) International Publication No	:WO2005/094825 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 22

(57) Abstract :

The invention relates to a tolperisone-containing pharmaceutical preparation with controllable active-substance release for oral administration, characterised in that the active substance tolperisone and/or a pharmaceutical salt thereof is embedded in a pharmaceutically compatible material. By selecting the pharmaceutically compatible materials in the preparation and accordingly in the coating of a tablet or granule, a specific release of active substance can be adjusted which is matched to the special genotype in the metabolism of tolperisone. At the same time, as a result of the very uniform and persistent release of tolperisone, the in-vivo inversion of enantiomerically pure tolperisone that is known from the art can be adjusted in favour of the R(-) tolperisone which is prominent in muscle-relaxing therapy.

(54) Title of the invention : HEAT EXCHANGER HAVING A VACUUM TUBE.

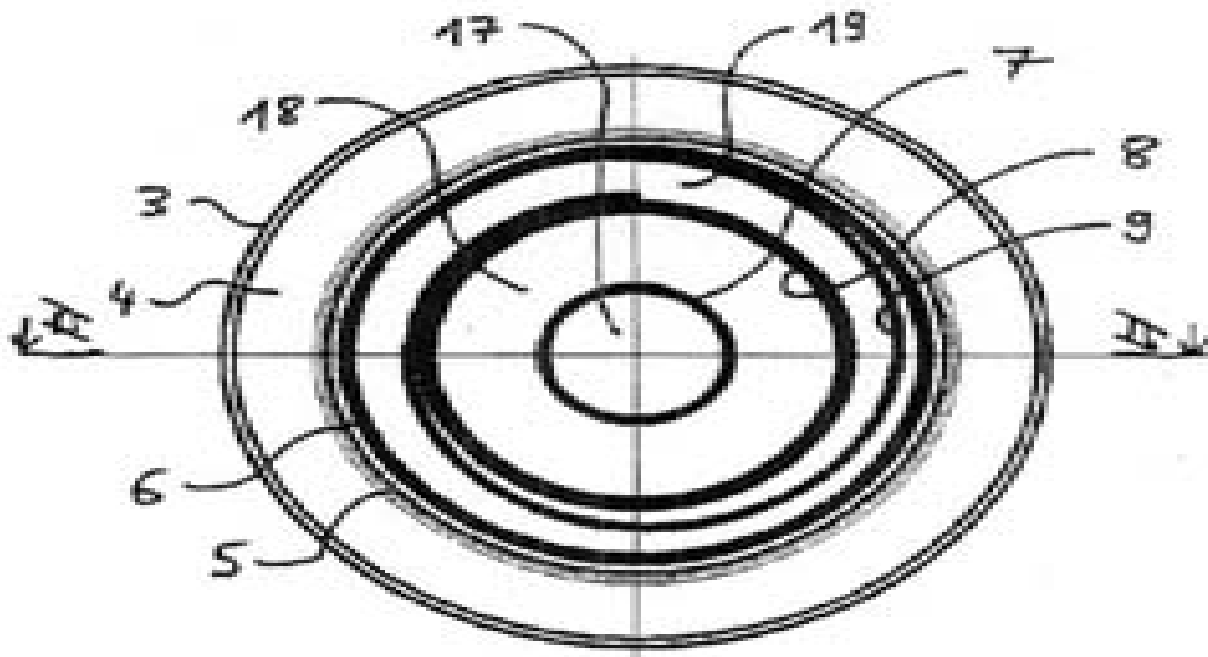
(51) International classification	:F24J2/05; F24J2/48	(71)Name of Applicant :
(31) Priority Document No	:PCT/CH2004/000152	1)USTUN,ORHAN
(32) Priority Date	:15/03/2004	Address of Applicant :GARTEMATT 3,8180 BULACH Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:PCT/CH2005/000155	1)USTUN,ORHAN
Filing Date	:15/03/2005	
(87) International Publication No	:WO2005/088208 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 8

(57) Abstract :

A heat exchanger comprises a vacuum tube (4) with an outer wall (3). An inner tube (7, 8) can be filled with a heat-conducting fluid (17, 18). The outer wall (8) of the inner tube (7, 8) is situated concentric to a wall (3, 6) of the vacuum tube (4). At least one heat-conducting film (9) is provided that joins said wall (6) of the vacuum tube (3,4,6) to the fluid-conducting tube system (8). A means (5) which collects and concentrates solar energy is provided on the wall (6) on the side of the vacuum tube (3, 4, 6) facing away from the heat-conducting element (9, 29). In addition, each heat-conducting element, while being pretensioned, presses against the wall (6) of the vacuum tube (3,4,6) and against the fluid-conducting tube system (8).



(54) Title of the invention : CELLULAR DEVICE SECURITY APPARATUS AND METHOD

(51) International classification	:H04Q7/32;
	H04Q7/32;
(31) Priority Document No	:60/550305
(32) Priority Date	:08/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000264
Filing Date	:06/03/2005
(87) International Publication No	:WO 2005/086513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEHUSHTAN,RAFIAddress of Applicant :46,WEIZMAN STREET, 56238 YAHUD,
ISRAEL Israel**2)NEHUSHTAN,RAFAEL**

(72)Name of Inventor :

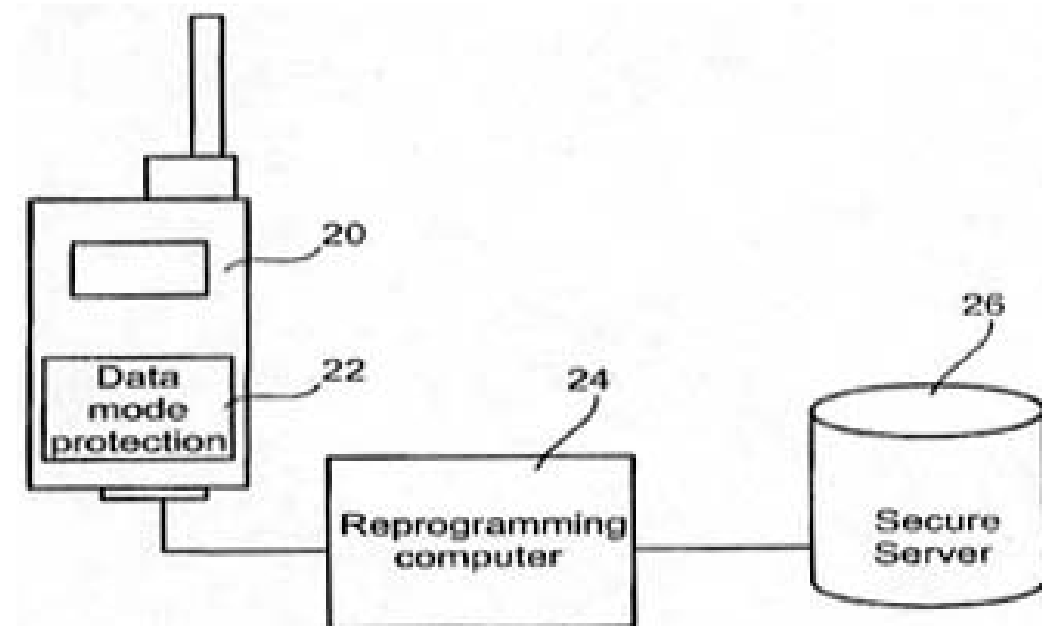
1)NEHUSHTAN,RAFI

No of Pages : 45

No of Claims : 53

(57) Abstract :

A cellular communication device has one or more access modes which allow reading and writing of data, for example to change its settings, for example passwords and even the entire operating system and also permitting access to personal information such as the user's telephone book. To prevent cloning and like illegal access activity, the device is configured by restricting access to such data access modes using a device unique security setting. The setting may be a password, preferably a one-time password, or it may be a unique or dynamic or one time configuration of the codes for the read and write instructions of the data mode. There is also disclosed a server, which manages the security settings such that data mode operates during an active connection between the device and the server, and a secure communication protocol for communicating between the server and the cellular device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2581/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTI-MYOSTATIN ANTIBODIES.

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to to Application Number Filing Date	:A61K39/395;A61K39/40 :60/555,456 :23/03/2004 :U.S.A. :PCT/US205/009307 :17/03/2005 :WO 2005/094446 :NA :NA :NA :NA	(71) Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :LILLY CORPORATE CENTER, INDIANAPOLIS,IN 46285, U.S.A. U.S.A. (72) Name of Inventor : 1)SMITH,ROSAMUND,CAROL 2)KIKLY,KRISTINE,KAY 3)TOBIAS,LINDA,O. 4)HAN,BOMIE

No of Pages : 84

No of Claims : 18

(57) Abstract :

A neutralizing epitope is identified within amino acids 40-64 of the mature form of human myostatin. Antibodies that bind this epitope fall within the scope of the invention and may be murine, chimeric, or humanized antibodies, immunoconjugates of the antibodies or antigen-binding fragments thereof. The antibodies of the invention are useful for increasing muscle mass, increasing bone density, or for the treatment of various disorders in mammals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2582/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTI-CANCER THERAPIES

(51) International classification	:A61K31/70
(31) Priority Document No	:60/542,494
(32) Priority Date	:06/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003370
Filing Date	:04/02/2005
(87) International Publication No	:WO2005/076888 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THRESHOLD PHARMACEUTICALS,INC.,
Address of Applicant :1300 Seaport Boulevard,5 th Floor Redwood
city,CA 94063 U.S.A.
(72)**Name of Inventor :**
1)TIDMARSH,GEORGE

No of Pages : 130

No of Claims : 37

(57) Abstract :

The invention relates to compounds of formula (I) wherein Z, R17 and X have the meaning as cited in the description and the claims Said compounds are useful as DPP-IV inhibitors The invention also relates to the preparation of such compounds as well as the production and use thereof as medicament

(54) Title of the invention : FITTING FOR A VEHICLE SEAT.

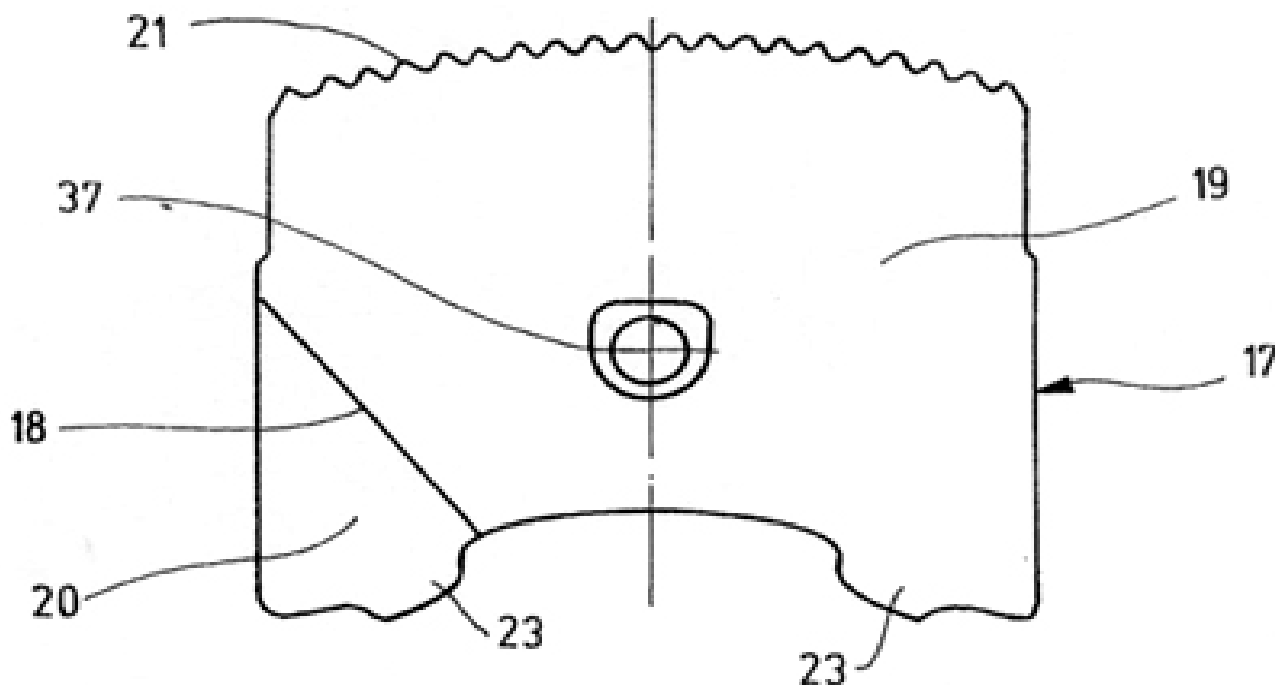
(51) International classification	:B60N2/235; B60N2/235	(71)Name of Applicant :
(31) Priority Document No	:DE 10 20040035 599.1	1)LEIPER GMBH & CO. KG
(32) Priority Date	:22/07/2004	Address of Applicant :Hertelsbrunnenring 2, 67657 Kaiserslautern German Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/006087	1)THIEL, Peter, Schulstr.
Filing Date	:08/09/2006	2)PETERS, Christoh, Mauspfad
(87) International Publication No	:WO 2006/010406	3)PFEIFFER, Hans, Kaiserstr.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 12

(57) Abstract :

In a fitting for a vehicle seat, in particular a detent fitting for a motor vehicle seat, having a first fitting part, and a second fitting part that can be rotated and locked relative to the first fitting part, having also at least one locking element (17) the longitudinal direction of which is aligned in the radial direction, in which it is movable between guiding segments of the first fitting part with play in the transverse direction, the radially outward located side of said locking element cooperating with the second fitting part for the locking process, and having an eccentric that, for the locking process, bears against the radially inward located side of the locking element (17), moving said element radially outwards, the locking element (17) is separated into at least two segments (19, 20) along at least one dividing line (18).



(54) Title of the invention : ULTRASONIC SURGICAL INSTRUMENT, SHEARS AND TISSUE PAD, METHOD FOR SEALING A BLOOD VESSEL AND METHOD FOR TRANSECTING PATIENT TISSUE

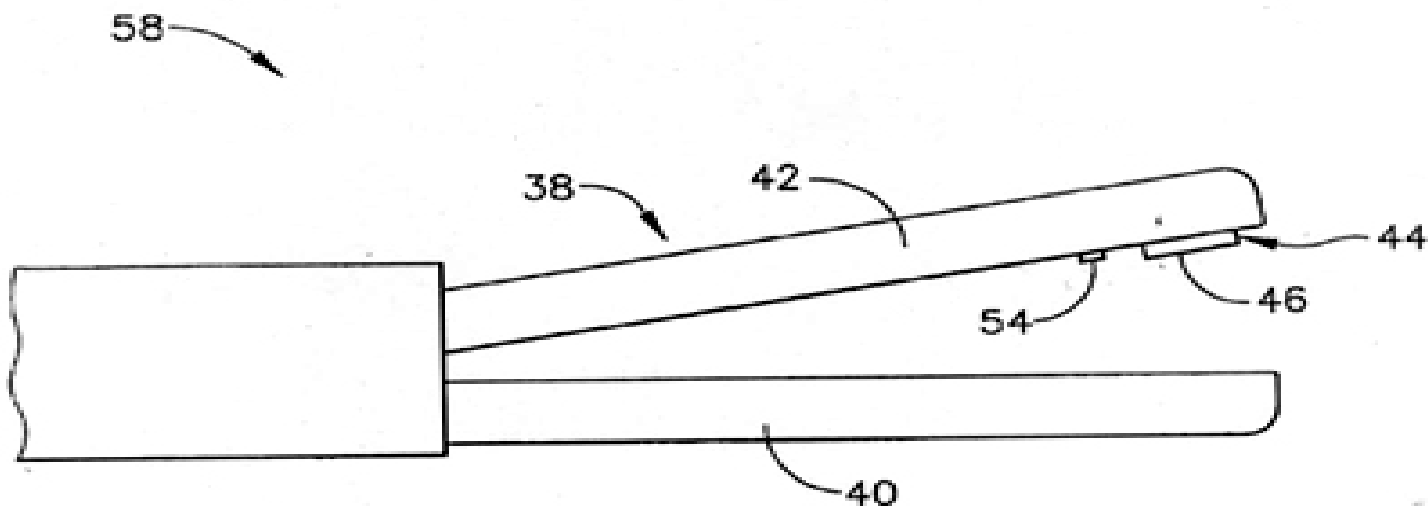
(51) International classification	:A61B17/32	(71)Name of Applicant :	
(31) Priority Document No	:60/548,309	1)ETHICON ENDO-SURGERY,INC	
(32) Priority Date	:27/02/2004	Address of Applicant :4545 Creek Road Cincinnati, OH 45242 U.S.A.	
(33) Name of priority country	:U.S.A.	U.A.E.	
(86) International Application No	:PCT/US2005/006382	(72)Name of Inventor :	
Filing Date	:08/09/2006	1)KEVIN L. HOUSER	
(87) International Publication No	:WO 2005/084262		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 19

No of Claims : 21

(57) Abstract :

An ultrasonic surgical shears has a bifurcated ultrasonic surgical blade, a clamping arm and a substantially "T"-shaped tissue pad. An alternate ultrasonic surgical shears has an ultrasonic surgical blade, a clamping arm, and a tissue pad having first and second transverse outer portions and a movable transverse central portion. An ultrasonic surgical instrument has an ultrasonic surgical clamp including an ultrasonic member adapted to ultrasonically vibrate and has a surgical cutter distinct from the ultrasonic member. A method for sealing a blood vessel of a patient includes obtaining an ultrasonic surgical clamp, sealing the blood vessel with the ultrasonic member, and transecting the sealed blood vessel using the surgical cutter. An alternate method similarly transects patient tissue and seals a blood vessel therein. An ultrasonic-surgical-shears tissue pad includes first and second transverse outer portions which are more resiliently flexible than is a transverse central portion.



(54) Title of the invention : METHOD OF PRODUCING AMINOPHENOL COMPOUNDS.

(51) International classification	:C07C 213/02	(71)Name of Applicant :
(31) Priority Document No	:2004-089652	1)OTSUKA PHARMACEUTICAL CO.LTD.
(32) Priority Date	:25/03/2004	Address of Applicant :9,Kanda-Tsukasacho,2-chome Chiyoda-ku
(33) Name of priority country	:Japan	Tokyo Japan
(86) International Application No	:PCT/JP2005/006408	(72)Name of Inventor :
Filing Date	:25/03/2005	1)Hiroshi KIYOKAWA
(87) International Publication No	:WO2005/092832	2)Shinji AKI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 64

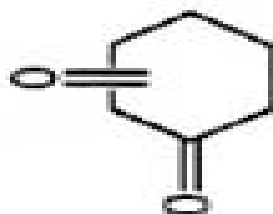
No of Claims : 12

(57) Abstract :

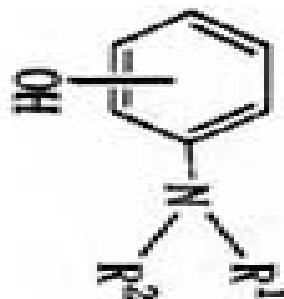
The present invention provides an industrially advantageous method of producing aminophenol compounds represented by the formula (1) by a simple and easy procedure at a high yield and a high purity. The present invention provides a method of producing an aminophenol compound represented by the formula (1); (wherein each of R¹ and R², which may be the same or different, is a hydrogen atom, a substituted or unsubstituted lower alkyl group or the like; R¹ and R², taken together with the adjacent nitrogen atom, may form a 5- or 6-membered heterocycle with or without other intervening heteroatoms; the heterocycle may be substituted by 1 to 3 substituents selected from the group consisting of a hydroxyl group, a substituted or unsubstituted lower alkyl group, a substituted or unsubstituted aryl group, a substituted or unsubstituted aryloxy group and the like; and the hydroxyl group in the formula (1) is substituted on the 2- or 4-position to the amino group on the phenyl ring), which comprises allowing a cyclohexanedione compound represented by the formula (2) to react with an amine compound represented by the formula (3) (wherein R¹ and R² are as defined above), under a neutral or basic condition.



(3)



(2)



(1)

(54) Title of the invention : ADDRESS MANAGEMENT IN MOBILE IP ENVIRONMENTS.

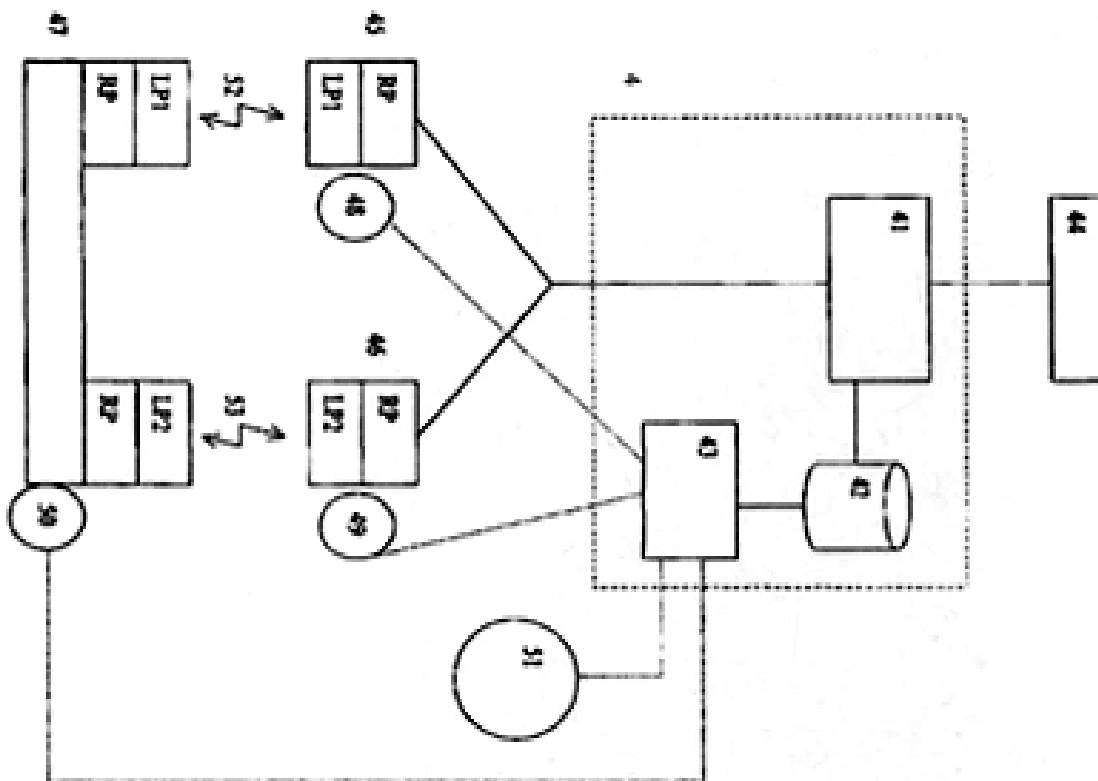
(51) International classification	:H04L29/06; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2004/001434	1)TELEFONAKTIEBOLAGET LM ERICSSON
(32) Priority Date	:16/02/2004	Address of Applicant :S-164 83 STOCKHOLM, SWEDEN Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/001434	1)MAGNUSSON,PER,OLOF,MAGNUS
Filing Date	:16/02/2004	2)SACHS,JOACHIM
(87) International Publication No	:WO 2005/079034	3)VORWERK,MARC
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 16

(57) Abstract :

A data unit processing entity 4 is described, which has a decision part 41 for setting a forwarding address FA on the basis of an identifying address in a received data unit, by referring to decision data stored in a decision data memory 42. A management part 43 is provided, which is arranged to provide a network control function 51 with access to the decision data in the decision data memory 42, in order to change said decision data, independently of any access given to mobile nodes.



(54) Title of the invention : 4-SUBSTITUTED PIPERIDINE DERIVATIVES.

(51) International classification :C07D 473/00 ,
 (31) Priority Document No :60/546,936
 (32) Priority Date :24/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2005/000258
 Filing Date :23/02/2005
 (87) International Publication No :WO 2005/080394 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

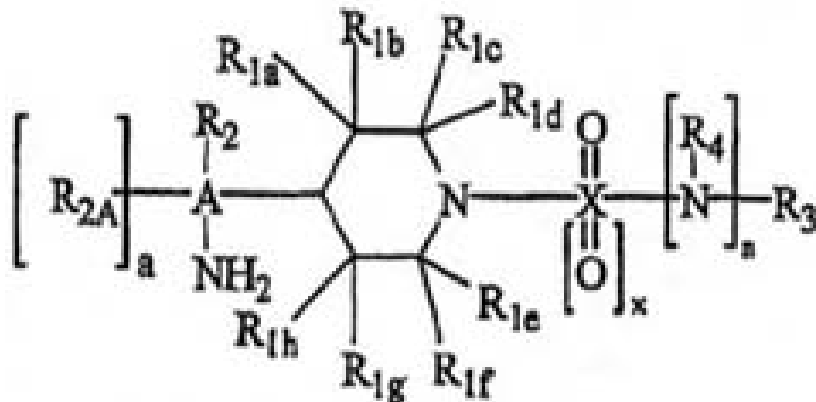
(71)Name of Applicant :
1)BIOAXONE THERAPEUTIQUE INC.,
 Address of Applicant :3575,AVENUE DU PARC, SUITE 5322
 MONTREAL,QUEBERC H2X 3P9 CANADA Canada
 (72)Name of Inventor :
1)MCKERRACHER, LISA
2)THOUIN, ERYK
3)LUBELL, WILLAM D
4)SNOW, ROBERT, A.
5)GINGRAS, KARINE

No of Pages : 199

No of Claims : 57

(57) Abstract :

Substituted piperidine compounds represented by the structure I are provided, wherein each of R_{1a} , R_{1b} , R_{1c} , R_{1d} , R_{1e} , R_{1f} , R_{1g} , R_{1h} , R_2 , R_{2A} , R_3 , R_4 , A , X , a , x , and n is as defined in the specification. Substituted piperidine compounds of structure I may permeate or penetrate across a nerve cell membrane into the interior of a nerve cell, may inhibit intracellular Rho kinase enzyme found in nerve cells in mammals, and may find utility in repair of damaged nerves in the central and peripheral nervous system of such mammals. These compounds may induce the regeneration or growth of neurites in mammalian nerve cells and may thereby induce regeneration of damaged or diseased nerve tissue. These compounds also find additional utility as antagonists of the enzyme Rho kinase in treatment of disease states in which Rho kinase is implicated. Pharmaceutical compositions containing these substituted piperidine compounds may be useful to promote neurite growth and in the treatment of diseases in which Rho kinase inhibition is indicated.



(54) Title of the invention : ASSAY DEVICE AND METHOD.

(51) International classification :B01D29/50;
B01L3/00
(31) Priority Document No :0400662-3
(32) Priority Date :24/03/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/000429
Filing Date :23/03/2005
(87) International Publication No :WO 2005/089082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AMIC ABAddress of Applicant :UPPSALA SCIENCE PARK, S-751 83
UPPSALA, SWEDEN Sweden

(72)Name of Inventor :

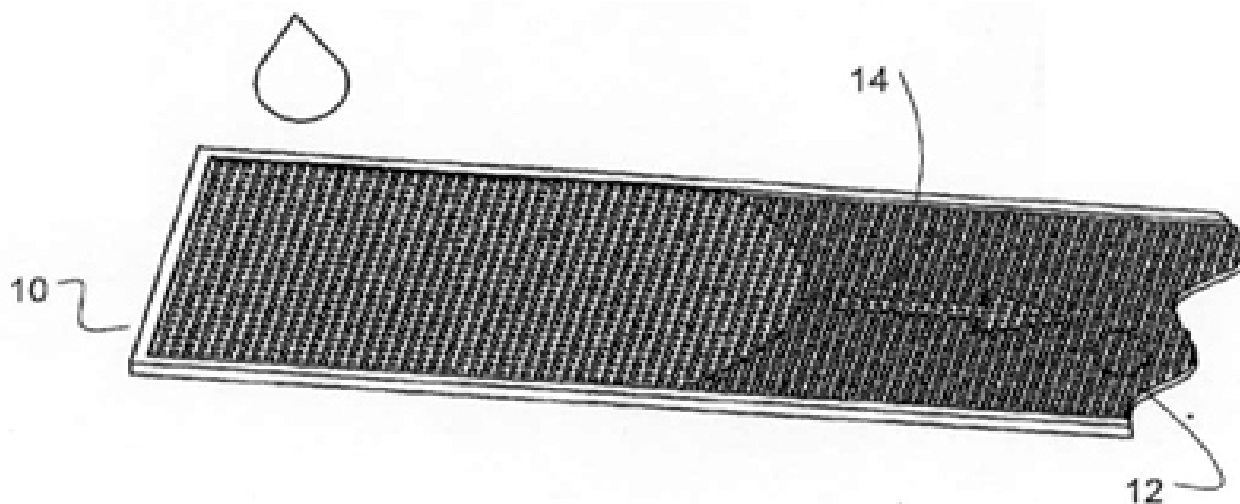
1)BERGMAN DAVID**2)MENDEL-HARTVIG IB****3)UHRBERG SIMON**

No of Pages : 38

No of Claims : 51

(57) Abstract :

A device and method for the separation of a component in a liquid sample prior to the detection of an analyte in said sample, wherein a sample is added to a receiving zone on a substrate, said substrate further optionally comprising a reaction zone, a transport or incubation zone connecting the receiving and reaction zone, respectively, forming a flow path on a substrate, wherein said substrate is a non-porous substrate, and at least part of said flow path consists of areas of projections substantially vertical to said surface, and having a height (H), diameter (D) and reciprocal spacing (t1, t2) such, that lateral capillary flow of said liquid sample in said zone is achieved, and where means for separation are provided adjacent to the zone for receiving the sample. Said means for separation are chosen among filter means, optionally enhanced by affinity binding and/or aggregation; magnetic means, also optionally enhanced by affinity binding and/or aggregation; and acoustic means.



(54) Title of the invention : A DISPENSING DEVICE.

(51) International classification :A61M15/00;
B65D83/14
(31) Priority Document No :0405397.1
(32) Priority Date :10/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000926
Filing Date :10/03/2005
(87) International Publication No :WO 2005/087299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GLAXO GROUP LIMITEDAddress of Applicant :GLAXOL WELLCOMEL HOUSE BERKELEY
AVENUE GREENFORD, MIDDLESEX UB6 0NN UNITED KINGDOM
U.K.

(72)Name of Inventor :

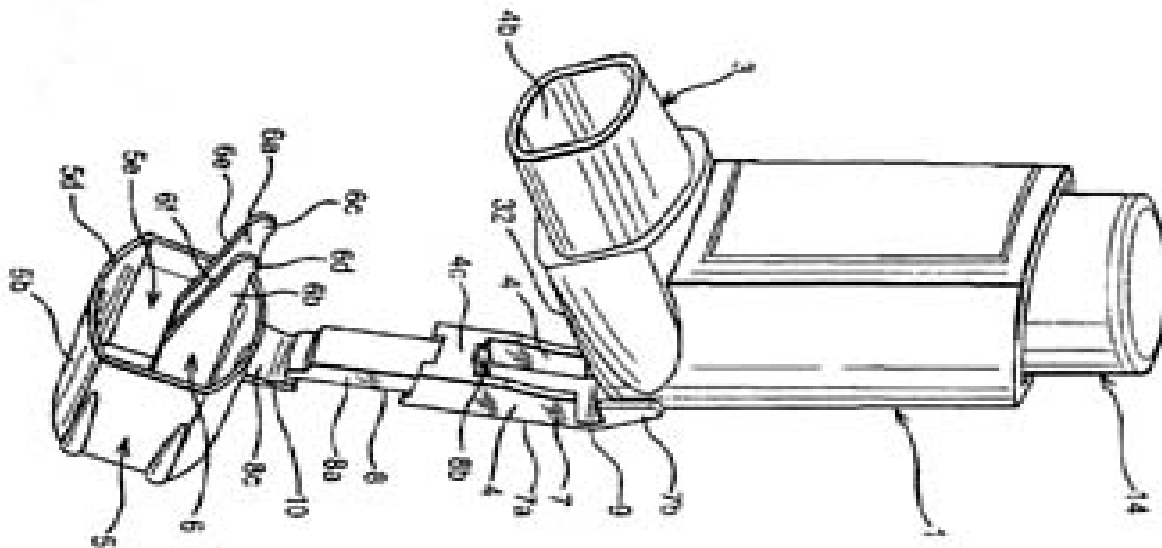
1)ANDERSON GREGOR JOHN MCLENNAN**2)BRAND PETER JOHN****3)COX MARK ANTHONY****4)CUDE IAN****5)KELLY ANDREW MICHAEL****6)LINTELL DANIEL THOMAS DESAUSMAREZ****7)FARR PHILIP WILLIAM**

No of Pages : 88

No of Claims : 90

(57) Abstract :

An inhaler is provided with a restricting member (6) to prevent unintentional actuation of the inhaler. Also provided is an inhaler with an extensible strap (2) joining a dust cap (5) to the housing (1) of an inhaler, the strap being particularly suited for use with inhalers that comprise a restricting member. The inhaler is useful, for example, in the treatment of asthma.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2590/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : COOLING COMPOSITION.

(51) International classification	:A23G 3/00
(31) Priority Document No	:04101518.1
(32) Priority Date	:14/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/000951
Filing Date	:12/05/2005
(87) International Publication No	:WO 2005/099473
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIRMENICH SA

Address of Applicant :1 ROUTE DES JEUNES, P.O.BOX 239,1211
GENEVA 8, SWITZERLAND Switzerland

(72)Name of Inventor :

1)VANRIETVELDE,CLAUDE

2)LE,ANH

3)BARRA,JEROME

No of Pages : 15

No of Claims : 12

(57) Abstract :

Novel cooling compositions having a natural status are object of the present invention. These compositions comprise a combination of menthol, together with a nature identical ingredient and at least one natural extract. They can be added to flavouring compositions to impart cooling sensations devoid of mentholic flavouring notes.

(54) Title of the invention : DEVICE FOR THE STORAGE OF HEAT ENERGY FOR SUBSEQUENT CONVERSION INTO ELECTRICAL ENERGY.

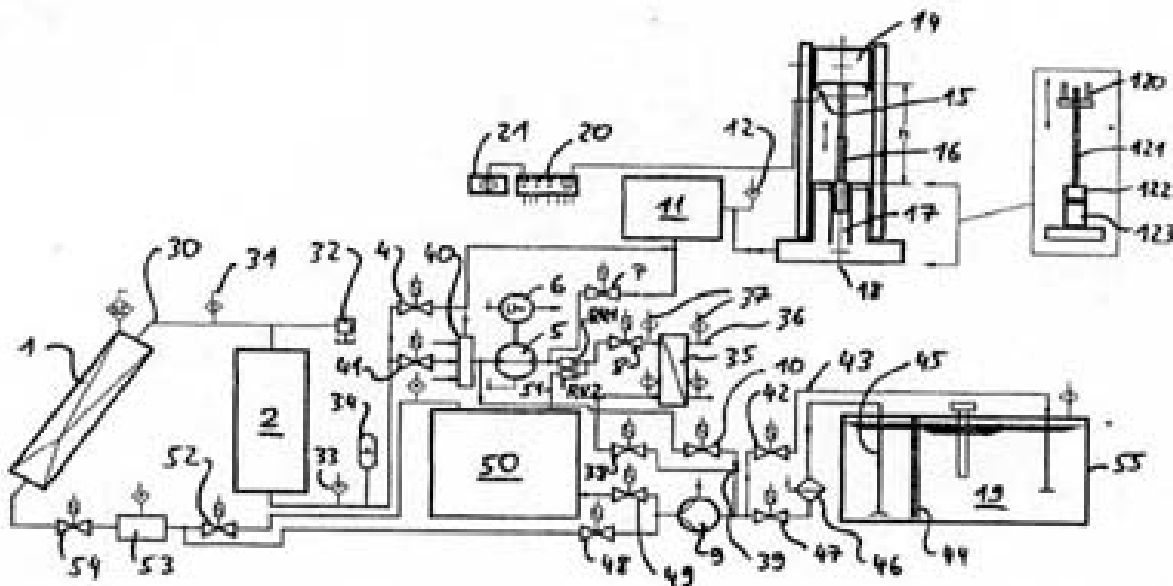
(51) International classification	:F02C6/14; F03G6/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/CH2004/000153	1)USTUN,ORHAN
(32) Priority Date	:15/03/2004	Address of Applicant :GARTEMATT 3,8180 BULACH
(33) Name of priority country	:Switzerland	SWITZERLAND Switzerland
(86) International Application No	:PCT/CH2004/000153	(72)Name of Inventor :
Filing Date	:15/03/2004	1)USTUN,ORHAN
(87) International Publication No	:WO 2005/088123	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 8

(57) Abstract :

The invention relates to a device for the conversion of heat energy into another energy form (14, 6) provided with at least one heat input and pressure reservoir module, each comprising a heat input transmitting device (1) and a pressure reservoir (2), whereby said device (1) and pressure reservoir (2) are connected to each other for the exchange of fluid (30) and an energy conversion device (5, 6; 14, 17), connected to the pressure reservoir (2) of the heat input and pressure reservoir module (100) for the exchange of fluid, by means of which the energy built up in the form of fluid pressure in the heat input and pressure reservoir module (100) may be converted into said other energy form (14, 6).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2592/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : MACROCYCLIC COMPOUNDS AND METHODS OF MAKING AND USING THE SAME.

(51) International classification :A61K 35/56		(71)Name of Applicant :
(31) Priority Document No :60/575,949		1)RIB-X PHARMACEUTICALS, INC.
(32) Priority Date : 27.02.2004		Address of Applicant :300 GEORGE STREET, SUITE, 301, NEW
(33) Name of priority country :U.S.A.		HAVEN, CT 06511 U.S.A.
(86) International Application No :PCT/US2005/006082		(72)Name of Inventor :
Filing Date :25/02/2005		1)FARMER JAY J
(87) International Publication No :WO 2005/085266		2)BHATTACHARJEE ASHOKE
(61) Patent of Addition to Application Number :NA		3)CHEN YI
Filing Date :NA		4)GOLDBERG JOEL A
(62) Divisional to to Application Number :NA		5)IPPOLITO JOSEPH A
Filing Date :NA		6)KANYO ZOLTAN F
		7)LOU RONGLIANG
		8)OYELERE ADEGBOYEGA K
		9)SHERER EDWARD C
		10)SUTCLIFFE JOYCE A
		11)WANG DEPING
		12)WU YUSHENG
		13)DU YANMING

No of Pages : 333

No of Claims : 32

(57) Abstract :

The present invention provides macrocyclic compounds useful as therapeutic agents More particularly, these com-pounds are useful as anti-infective, anfi-proliferative, anti-inflammatory, and prokinetic agents.

(54) Title of the invention : COMMUNICATION HANDOVER METHOD, COMMUNICATION MESSAGE PROCESSING METHOD ,PROGRAM FOR CAUSING COMPUTER TO EXECUTE THESE METHODS, AND COMMUNICATION SYSTEM.

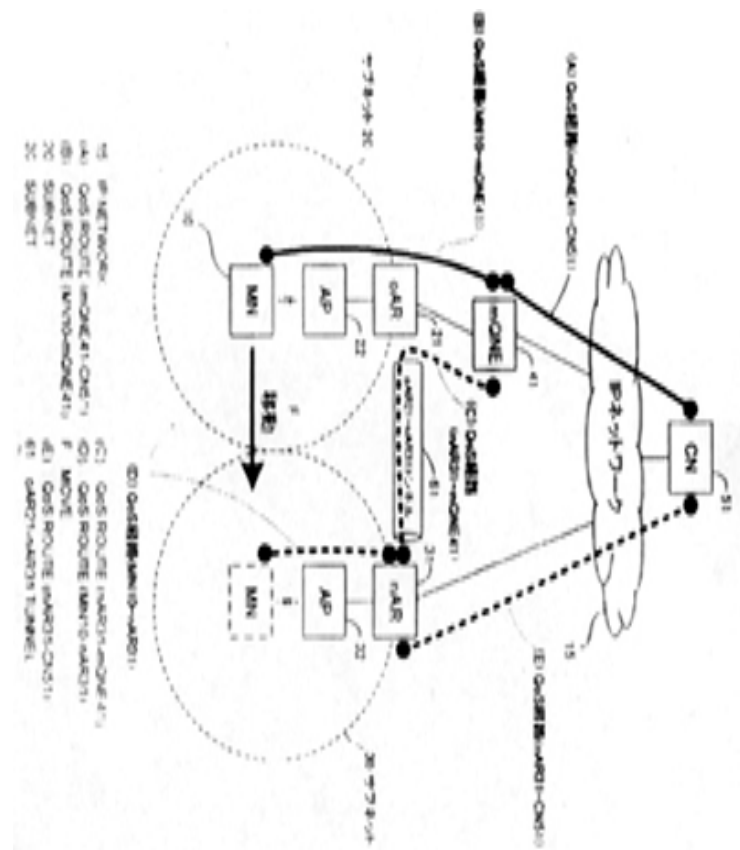
(51) International classification	:H04L12/56; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:2004-050365	1)MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD
(32) Priority Date	:25/02/2004	Address of Applicant :1006,OAZA KADOMA KADOMA-SHI
(33) Name of priority country	:Japan	OSAKA 571-8501 JAPAN Japan
(86) International Application No	:PCT/JP2005/003056	(72)Name of Inventor :
Filing Date	:24/02/2005	1)TOYOKI UE
(87) International Publication No	:WO 2005/081560	2)TAKAKO HORI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 83

No of Claims : 27

(57) Abstract :

There is disclosed a technique that a mobile terminal can rapidly and continuously receive, after a handover, an additional service (such as QoS guarantee) which has been received before the handover. According to the technique, the mobile terminal (MN(10)) decides to perform a handover between subnets according to a predetermined condition, generates NCoA, and acquires information (adjacent mQNE information such as an IP address of mQNE) on the mQNE (node capable of modifying the QoS route) (41) adjacent in the QoS route of the MN (10). The MN transmits an FBU message and transmits the adjacent mQNE information to oAR (21). The oAR transfers the received adjacent mQNE information together with an HI message to nAR (31). According to the adjacent mQNE information, the nAR establishes a (C)QoS route for the MN to/from the mQNE.



(54) Title of the invention : AUXILIARY SUPPORTING UNIT, BOARDING BRIDGE WITH THE SAME AND METHOD FOR IMPROVING STABILITY OF THE BOARDING BRIDGE BY USING THE SAME.

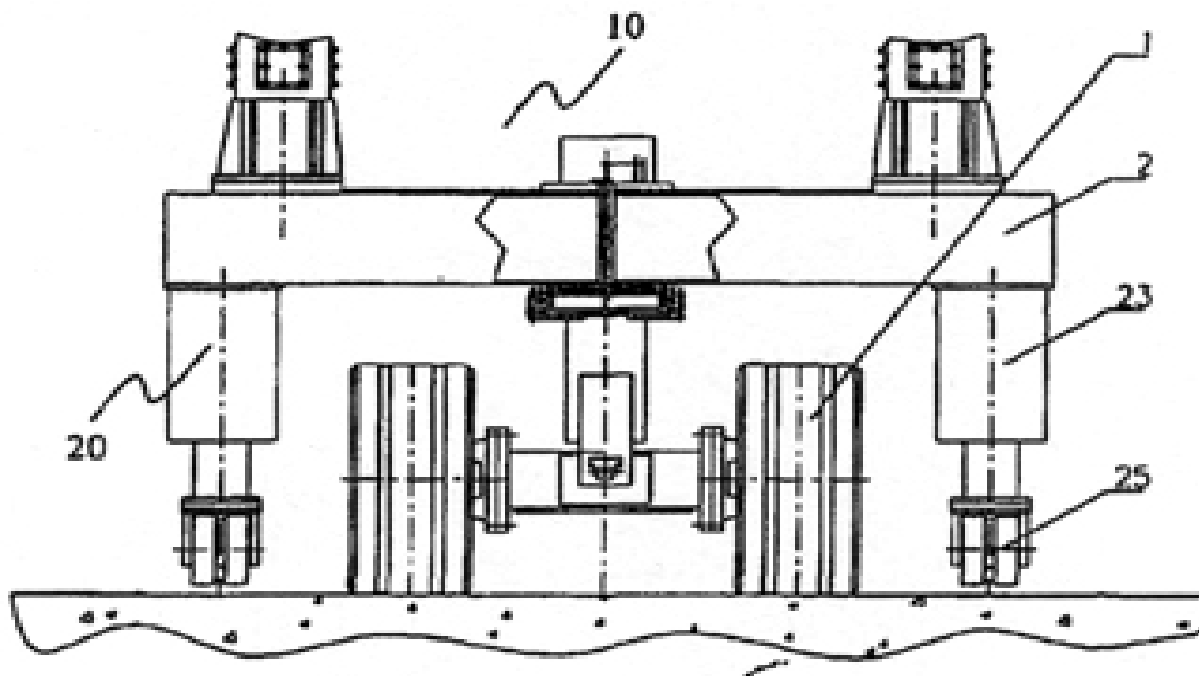
(51) International classification	:B64D9/00; B64F1/305	(71)Name of Applicant :
(31) Priority Document No	:200410004652.9	1)CHINA INTERNATIONAL MARINE CONTAINERS
(32) Priority Date	:26/02/2004	(GROUP)CO.,LTD.
(33) Name of priority country	:China	Address of Applicant :CIMC R & D CENTER, NO.2 GANGWAN
(86) International Application No	:PCT/CN2005/000107	AVENUE,SHENZHEN,GUANGDONG 518067, CHINA China
Filing Date	:25/01/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/082713	1)SHEN,HONGSHENG
(61) Patent of Addition to Application Number	:NA	2)ZHENG,ZUHUA
Filing Date	:NA	3)ZHANG,ZHAOHONG
(62) Divisional to to Application Number	:NA	4)TAN,LI
Filing Date	:NA	

No of Pages : 23

No of Claims : 27

(57) Abstract :

The present invention relates to an auxiliary supporting unit for a boarding bridge, a boarding bridge with the same and method for improving stability of boarding bridge. The auxiliary supporting unit includes a leg support which can be driven to extend and retract; and a foot portion attached to one end of the leg support, wherein the foot portion can be supported on the ground when the leg support being extended and can leave the ground when the leg support being retracted.



(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTITUTED TRIAZOLE COMPOUNDS.

(51) International classification :C07D 249/14
 (31) Priority Document No :60/543,721
 (32) Priority Date :11/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001917
 Filing Date :21/01/2005
 (87) International Publication No :WO2005/077922 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

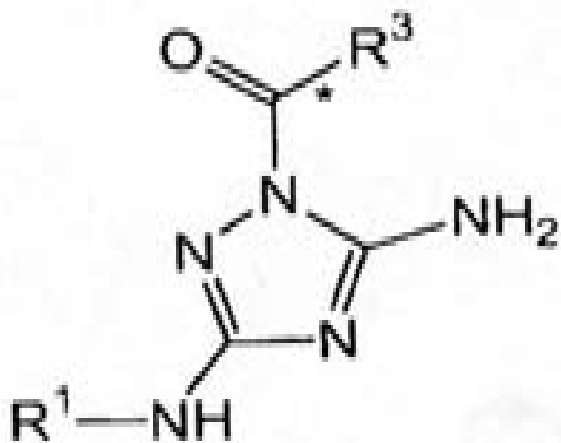
(71)Name of Applicant :
1)JANSSEN PHARMACEUTICA N.V.
 Address of Applicant :Turnhoutseweg 30, B-2340, Beerse Belgium
 (72)Name of Inventor :
1)David C.Palmer
2)Kirk L.Sorgi
3)Tong Xiao
4)Sergio Cesco-Cancian

No of Pages : 76

No of Claims : 65

(57) Abstract :

The present invention is directed to a novel process for the preparation of substituted triazole compounds, useful in the treating or ameliorating a selective kinase or dual kinase mediated disorder. The process of the present invention preferentially produces the desired regioisomer of the substituted triazole compounds.



(54) Title of the invention : DATA TRANSMISSION SYSTEM IN BROADBAND WIRELESS ACCESS SYSTEM USING BAND AMC AND METHOD THEREOF.

(51) International classification	:H04B7/204; H04B7/26
(31) Priority Document No	:17097/2004
(32) Priority Date	:12/03/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000700
Filing Date	:11/03/2005
(87) International Publication No	:WO2005/088869 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to 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 Republic of Korea

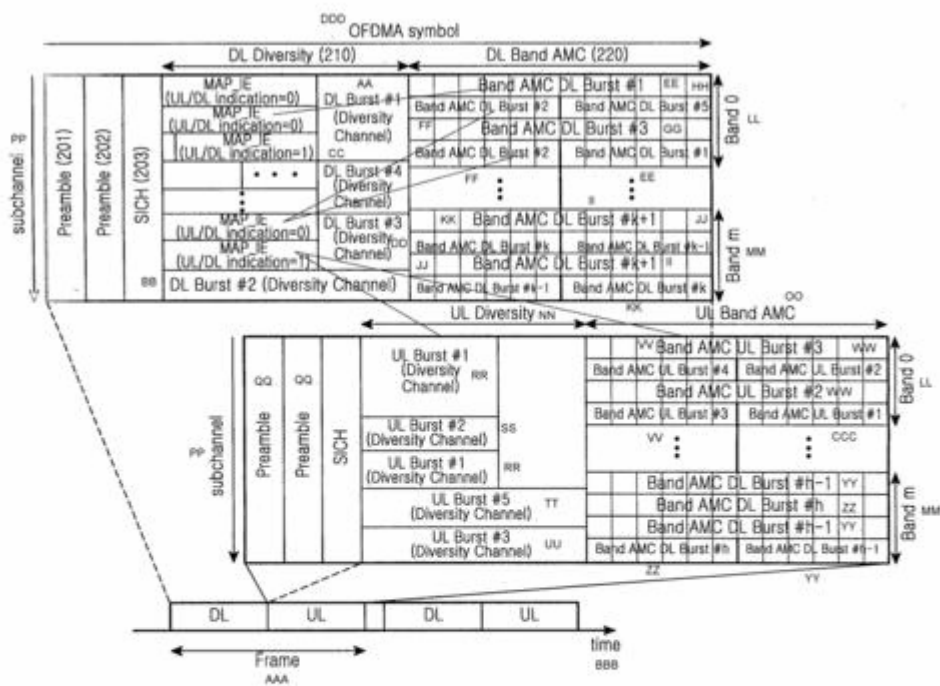
(72) **Name of Inventor :**
1) Jung-Shin PARK
2) Geun-Hwi LIM
3) Hong-Sung CHANG
4) Jae-Jeong SHIM

No of Pages : 22

No of Claims : 24

(57) Abstract :

Disclosed are a system for transmitting data using a band AMC in a broadband wireless orthogonal frequency multiplexing access system and a method thereof. In a broadband wireless communication system, a method for allocating data bursts to a mobile subscriber station according to channel state in a broadband wireless communication system, the method comprising the steps of transmitting allocation information to the mobile subscriber station, the allocation information including information about a sub frequency band containing the data bursts allocated to the mobile subscriber station and information about the number of band AMC subchannels allocated to the mobile subscriber station in the sub frequency band and receiving the data bursts from the mobile subscriber station according to the allocation information.



210	DIVERSITÉ DL				
220	AMC DE BANDE DL	II	PAQUET DL AMC DE BANDE N°K + 1	TT	PAQUET UL N°5 (CANAL DE DIVERSITÉ)
230	PREAMBULE	JJ	PAQUET DL AMC DE BANDE N°K - 1	UU	PAQUET UL N°3 (CANAL DE DIVERSITÉ)
240	PREAMBULE	KK	PAQUET DL AMC DE BANDE N°K	VV	PAQUET UL AMC DE BANDE N°3
AA	PAQUET DL N°1 (CANAL DE DIVERSITÉ)	LL	BANDE 0	WW	PAQUET UL AMC DE BANDE N°2
BB	PAQUET DL N°2 (CANAL DE DIVERSITÉ)	MM	BANDE M	XX	PAQUET UL AMC DE BANDE N°4
CC	PAQUET DL N°4 (CANAL DE DIVERSITÉ)	NN	DIVERSITÉ UL	CCC	PAQUET UL AMC DE BANDE N°1
DD	PAQUET DL N°3 (CANAL DE DIVERSITÉ)	OO	AMC DE BANDE UL	YY	PAQUET UL AMC DE BANDE N°H - 1
EE	PAQUET DL AMC DE BANDE N°1	PP	SOUS-CANAL	ZZ	PAQUET UL AMC DE BANDE N°H
FF	PAQUET DL AMC DE BANDE N°2	QQ	PREAMBULE	AAA	TRAME
GG	PAQUET DL AMC DE BANDE N°3	RR	PAQUET UL N°1 (CANAL DE DIVERSITÉ)	BBB	TEMPS
HG	PAQUET DL AMC DE BANDE N°5	SS	PAQUET UL N°2 (CANAL DE DIVERSITÉ)	DDD	SYMBOLS OFDMA

(54) Title of the invention : METHOD FOR OPERATION OF HARQ IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM.

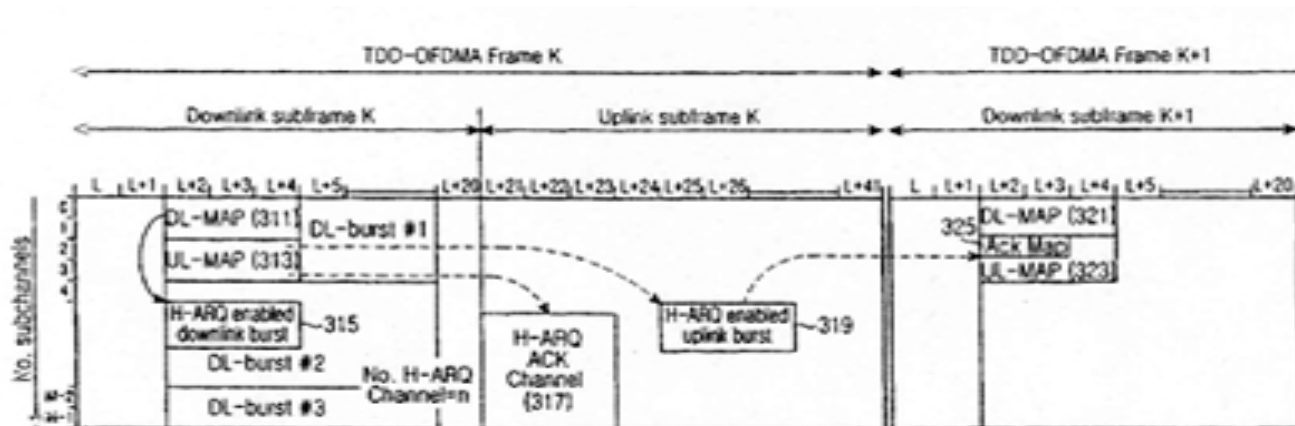
(51) International classification :H04J11/00; H04L1/18 (31) Priority Document No :17075/2004 (32) Priority Date :12/03/2004 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR05/000707 Filing Date :12/03/2005 (87) International Publication No :WO 2005/088886 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to 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, REPUBLIC OF KOREA Republic of Korea (72)Name of Inventor : 1)HYON-GOO KANG 2)SEUNG-EUN HONG 3)YEONG-MOON SON 4)GEUN-HWI LIM 5)SO-HYUN KIM 6)CHANG-HOI KOO 7)JAE-JEONG SHIM 8)JUNG-WON KIM 9)JUNG-SHIN PARK 10)JUNG-JE SON 11)HONG-SUNG CHANG

No of Pages : 30

No of Claims : 30

(57) Abstract :

A method supporting a Hybrid Automatic Repeat Request (H-ARQ) between a subscriber station and a base station in a broadband wireless access communication system including. The method comprises the steps of: transmitting at least one H-ARQ enabled uplink burst from the subscriber station to the base station; generating ACK or NACK information according to the received H-ARQ enabled uplink burst at the base station; mapping the generated ACK or NACK information to a bitmap at the base station; transmitting the bitmap through a downlink information from the base station to the subscriber station.



(54) Title of the invention : METHOD AND APPARATUS FOR CONSTRUCTING MAP IE USING REDUCED CID IN BROADBAND OFDMA SYSTEMS.

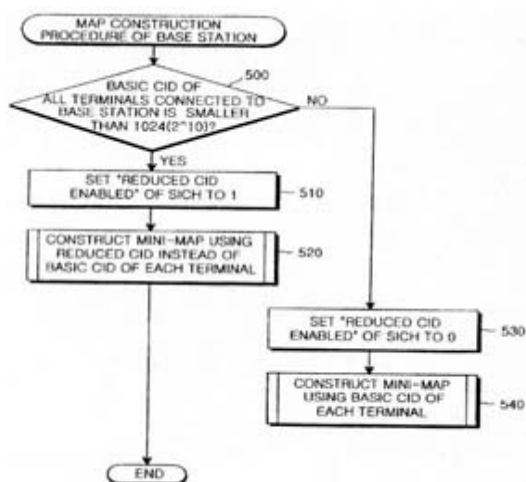
(51) International classification	:H04B7/26; H04J11/00	(71)Name of Applicant :
(31) Priority Document No	:17811/2004	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:12/03/2004	Address of Applicant :416,MAETAN-DONG,YEONGTONG-GU
(33) Name of priority country	:Republic of Korea	SUWON-SHI,GYEONGGI-DO, REPUBLIC OF KOREA Republic of
(86) International Application No	:PCT/KR05/000703	Korea
Filing Date	:11/03/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/088871	1)JAE-JEONG SHIM
(61) Patent of Addition to Application Number	:NA	2)GEUN-HWI LIM
Filing Date	:NA	3)HONG-SUNG CHANG
(62) Divisional to to Application Number	:NA	4)JUNG-SHIN PARK
Filing Date	:NA	

No of Pages : 20

No of Claims : 22

(57) Abstract :

A method for transmitting burst allocation information by a base station in a broadband wireless communication system in which a transmitted frame includes symbols, and orthogonal subcarriers in a frequency axis constitute each of the symbols based on a predetermined time unit. The method includes the steps of generating a reduced connection identifier (CID) by reducing a basic CID of a mobile terminal connected to the base station when the basic CID exists within a preset range, and inserting an MAP, which includes an enabled field representing the reduced CID and one of use and non-use of the reduced CID, into the frame, and transmitting the frame to the mobile terminal.



(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A BAND AMC SUBCHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM

(51) International classification :H04L12/28;
H04Q7/36
(31) Priority Document No :17089/2004
(32) Priority Date :12/03/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR05/000710
Filing Date :12/03/2005
(87) International Publication No :WO/2005/088873
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS

Address of Applicant :416 Meatan-dong, Yeongtong-gu, Suwon-Si, Gyeonggi-do, Republic of Korea

(72)Name of Inventor :

1)Hyun-Jeong KANG

2)Seung-Eun Hong

3)HYON-GOO KANG

4)HONG-SUNG CHANG

5)JUNG-SHINL PARK

6)CHANG-HOI KOO

7)GEUN-HWI LIM

8)SOUNG-JIN LEE

9)SO-HYUN KIM

10)SO-HYUN KIM

11)YEONG-MOON SON

12)HYOUNG-KYU LIM

13)JAE-JEONG SHIM

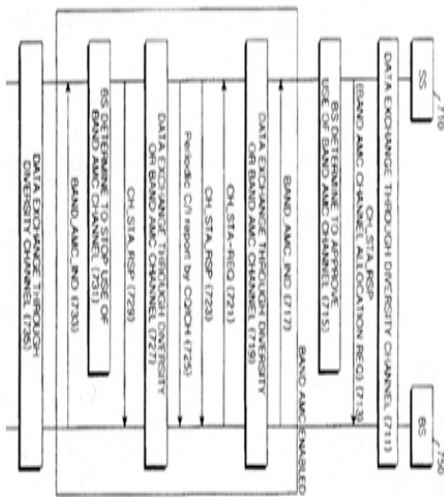
14)JUNG-JE SON

No of Pages : 28

No of Claims : 65

(57) Abstract :

A method for allocating a band Adaptive Modulation and Coding (AMC) channel in a wireless communication system that divides a full frequency band into a plurality of subcarrier bands and includes subchannels, each of which is a set of a predetermined number of neighbor subcarrier bands. Upon recognizing a need for a band AMC channel, a subscriber station (SS) sends a request for allocation of the band AMC channel to a base station (BS). Upon receiving the band AMC channel allocation request, the BS determines if it can allocate the band AMC channel requested by the SS, considering a resource situation of the BS, and transmits information on the determination to the SS.



(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING A SUB-CHANNEL SIGNAL IN A COMMUNICATION SYSTEM USING AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SCHEME

(51) International classification :H04L 27/26;H04L 5/02
 (31) Priority Document No :17065/2004
 (32) Priority Date :12/03/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000705
 Filing Date :11/03/2005
 (87) International Publication No :WO/2005/088924
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to 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 REPUBLIC OF KOREA, Republic of Korea

(72)Name of Inventor :

1)JAE-HEE CHO

2)JAE-HO JEON

3)SOON-YOUNG YOON

4)SOON-YOUNG YOON

5)SANG-HOON SUNG

6)JI-HO JANG

7)IN-SEOK HWANG

8)HOON HUH

9)JEONG-HEON KIM

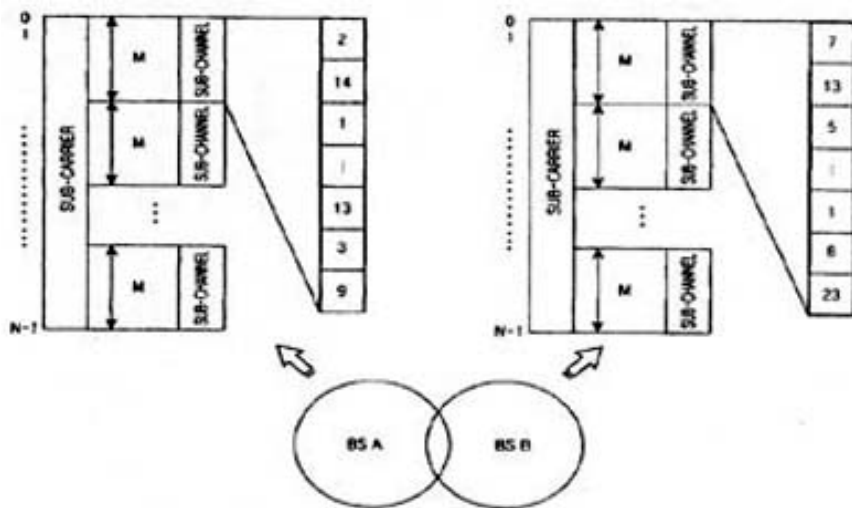
10)SEUNG-JOO MAENG

No of Pages : 29

No of Claims : 36

(57) Abstract :

A method of allocating sub-channel signal interleaving patterns to base stations (BSs) forming a wireless communication system capable of dividing a frequency band into a plurality of sub-carriers and including a plurality of subchannels. The method comprises the steps of creating a basic orthogonal sequence having a length identical to a number of the sub-carriers forming the sub-channel; creating a plurality of sequences having lengths identical to the length of the basic orthogonal sequence by one of cyclic-shifting the basic orthogonal sequence and through performing a modulo operation based on a number of the sub-carriers forming the sub-channel, after adding a predetermined offset to the basic orthogonal sequence; selecting a predetermined number of sequences corresponding to a number of the BSs; and allocating the selected sequences as the sub-channel signal interleaving patterns for the BSs.



(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING CHANNEL QUALITY INFORMATION IN A COMMUNICATION SYSTEM USING AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SCHEME

(51) International classification :H04L 27/26
 (31) Priority Document No :17061/2004
 (32) Priority Date :12/03/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000701
 Filing Date :11/03/2005
 (87) International Publication No :WO/2005/088870
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

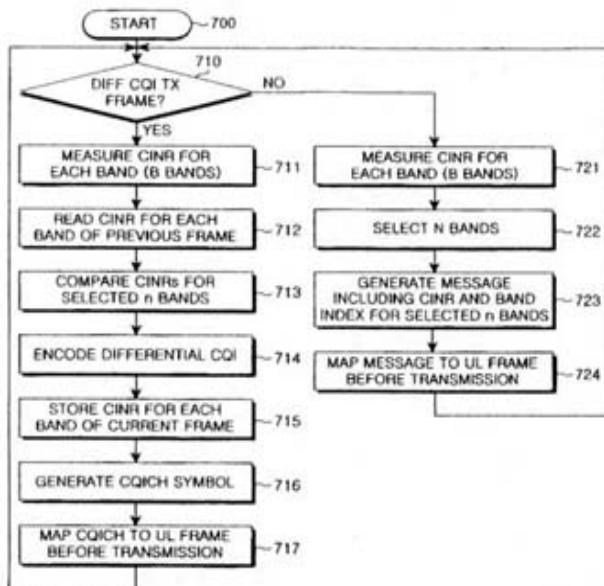
(71)Name of Applicant :**1)SAMSUNG ELECTRONICS CO.LTD**Address of Applicant :416,MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO, Republic of Korea**(72)Name of Inventor :****1)JEE-HYUN KIM****2)JEONG-TAE OH****3)HOON HUH****4)HOON HUH****5)JAE-GO JEON****6)JAE-GO JEON****7)SOON-YOUNG YOON****8)SEUN-JOO MAENG**

No of Pages : 25

No of Claims : 42

(57) Abstract :

A method for transmitting channel quality information(CQI) from a receiver station to a transmitter station in a wireless communication system which includes diversity mode consisted of spaced apart subcarriers and band AMC mode consisted of a number of bands comprised of a predetermined number of adjacent subcarriers. The method comprises the steps of transmitting an average CINR (Carrier to Interference and Noise Ratio) value for a full frequency band if the receiver station operates in the diversity mode; transmitting a differential CINR of a predetermined number of bins if the receiver station operates in the band AMC mode



(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING REVERSE DATA IN A MOBILE COMMUNICATION SYSTEM.

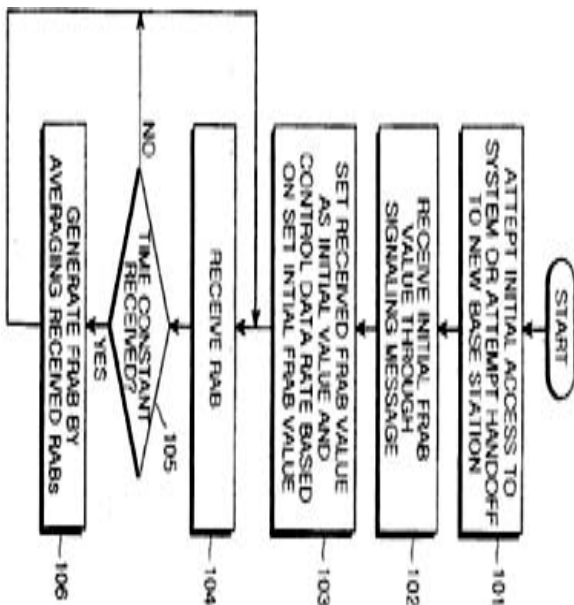
(51) International classification	:H04B 7/26	(71)Name of Applicant :
(31) Priority Document No	:18587/2004	1) Samsung electronics co.ltd.,
(32) Priority Date	:18/03/2004	Address of Applicant :416,maetan-dong,yeongtong-gu suwon-si,
(33) Name of priority country	:Republic of Korea	gyeonggi-do, Republic of Korea
(86) International Application No	:PCT/KR2005/000797	(72)Name of Inventor :
Filing Date	:18/03/2005	1)HWAN-JOON KWON
(87) International Publication No	:WO/2005/088875	2)youn-sun kim
(61) Patent of Addition to Application Number	:NA	3)JIN-KYU HAN
Filing Date	:NA	4)DONG-HEE KIM
(62) Divisional to to Application Number	:NA	5)JUNG-SOO JUNG
Filing Date	:NA	6)BEOM-SIK BAE

No of Pages : 16

No of Claims : 29

(57) Abstract :

Disclosed is a method for controlling a reverse data rate by a mobile station in a mobile communication system supporting high-rate packet data transmission. The method includes receiving average loading information (FRAB) from a particular base station when the mobile station attempts an initial access to the base station; setting the received average loading information as average loading information for the base station; and upon receiving reverse activity information (RAB) from the base station, controlling a rate of reverse data using the received reverse activity information and the set average loading information.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2603/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : HIGHLY CONCENTRATED, LIQUID FORMULATIONS OF ANTI-EGFR ANTIBODIES.

(51) International classification	:A61K9/00; A61K39/395	(71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250,64293 Darmstadt Germany
(31) Priority Document No	:60/543,549	(72)Name of Inventor :
(32) Priority Date	:12/02/2004	1)MATHEUS,SUSANNE
(33) Name of priority country	:U.S.A.	2)MAHLER,HANNS-CHRISTIAN
(86) International Application No	:PCT/EP2005/000797	
Filing Date	:27/01/2005	
(87) International Publication No	:WO2005/077414 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 42

No of Claims : 20

(57) Abstract :

The invention relates to processes for the preparation of highly concentrated, liquid formulations comprising at least one anti-EGFR antibody and/or one of its variants and/or fragments, in particular monoclonal antibodies against the EGF receptor, particularly preferably of Mab C225 (cetuximab) and Mab h425 (EMD 72000), by ultrafiltration. The invention furthermore relates to highly concentrated, liquid formulations of anti-EGFR antibodies, in particular of monoclonal antibodies against the EGF receptor, particularly preferably Mab C225 (cetuximab) and Mab h425 (EMD 72000) and/or variants and/or fragments thereof, characterised in that the highly concentrated, liquid formulations have a content of anti-EGFR antibodies of 10 - 250, preferably 50 - 1 SO mg/ml, particularly preferably ; of 100 - 150 mg/ml, and to the use thereof.

(54) Title of the invention : ULTRASONIC SURGICAL SHEARS AND METHOD FOR SEALING A BLOOD VESSEL USING SAME

(51) International classification :A61B 17/00, A61B 17/12
 (31) Priority Document No :60/548,308
 (32) Priority Date :27/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006273
 Filing Date :25/02/2005
 (87) International Publication No :WO2005/084251 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

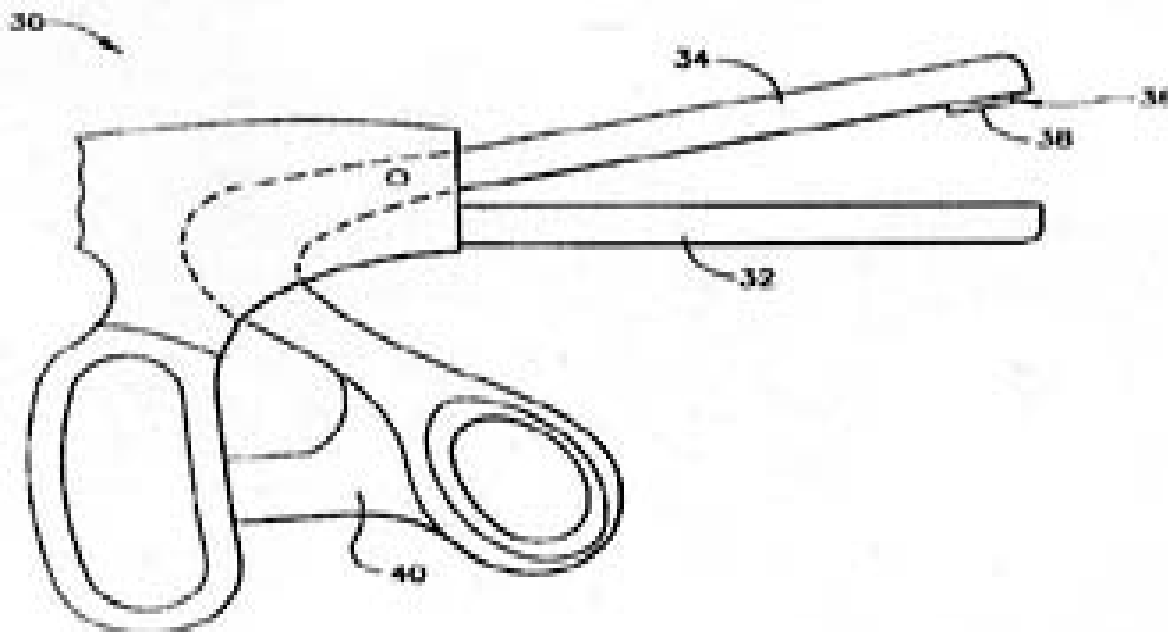
(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY,INC
 Address of Applicant :4545 Creek Road Cincinnati,OH 45242 U.S.A.
 (72)**Name of Inventor :**
1)KEVIN L..HOUSER
2)SARAH A. NOSCHANG

No of Pages : 14

No of Claims : 10

(57) Abstract :

An ultrasonic surgical shears includes an ultrasonic surgical blade, a clamping arm operable to open and close toward the blade, and a tissue pad attached to the clamping arm. A method for sealing a blood vessel of a patient includes obtaining an ultrasonic surgical shears and positioning the blood vessel between the blade and the tissue pad. The clamping arm is operated to exert an average coaptation pressure on the blood vessel between and including 60 psi and 210 psi. The blade is ultrasonically vibrated to transect and seal the blood vessel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2605/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESSES AND INTERMEDIATES.

(51) International classification	:C07D 405/12	(71)Name of Applicant :
(31) Priority Document No	:80/552,480	1)VERTEX PHARMACEUTICALS INCORPORATED
(32) Priority Date	:12/03/2004	Address of Applicant :130WAVERLY STREET CAMBRIDGE, MA
(33) Name of priority country	:U.S.A.	2139-4242 USA U.S.A.
(86) International Application No	:PCT/US2005/008251	(72)Name of Inventor :
Filing Date	:11/03/2005	1)TANOURY GERALD J.
(87) International Publication No	:WO2005/090334	2)CHENL MINZHANG
(61) Patent of Addition to Application Number	:NA	3)JONES, ANDREW D
Filing Date	:NA	4)NYCE PHILIP L.
(62) Divisional to to Application Number	:NA	5)TRUDEAU MARTIN
Filing Date	:NA	6)SNOONIAN JOHN R

No of Pages : 98

No of Claims : 52

(57) Abstract :

The invention relates to processes and compounds useful for producing modified aspartic acid derivatives, such as aspartic acid aldehyde moieties. Aspartic acid derivatives are useful for preparing caspase inhibitors and/or prodrugs thereof.

(54) Title of the invention : ACOUSTIC DEVICE AND METHOD OF MAKING ACOUSTIC DEVICE.

(51) International classification :H04R7/04;
H04R7/10
(31) Priority Document No :0408464.4
(32) Priority Date :16/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GH2005/001352
Filing Date :08/04/2005
(87) International Publication No :WO 2005/101899
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NEW TRANSDUCERS LIMITED

Address of Applicant :CYGNET HOUSE, KINGFISHER WAY,
HINCHINGBROOKE BUSINESS PARK, HUNTINGDON, CAMBS
PE29 6FW, GREAT BRITAIN U.K.

(72)Name of Inventor :

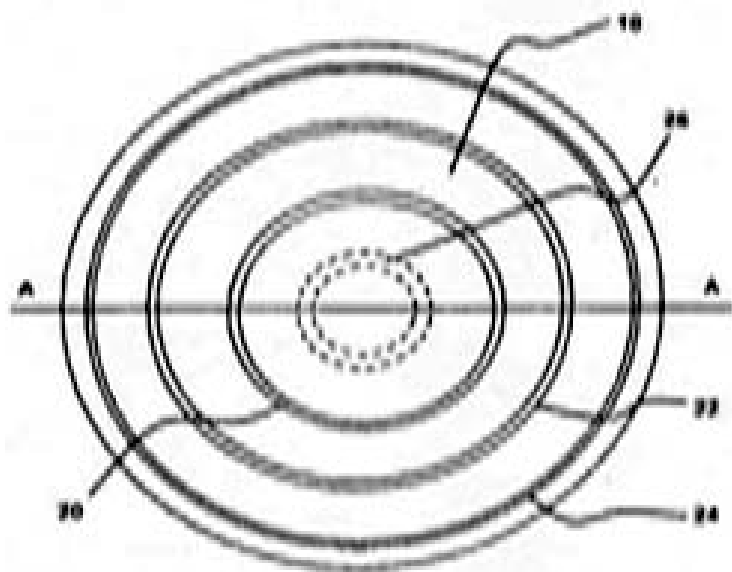
1)BANK, GRAHAM**2)HARRIS, NEIL**

No of Pages : 142

No of Claims : 88

(57) Abstract :

An acoustic device comprising a diaphragm (10) having an area and having an operating frequency range and the diaphragm (10) being such that it has resonant modes in the operating frequency range, an electro-mechanical transducer having a drive part coupled to the diaphragm (10) and adapted to exchange energy with the diaphragm, and at least one mechanical impedance means (20, 22, 24) coupled to or integral with the diaphragm, the positioning and mass of the drive part (26) of the transducer and of the at least one mechanical impedance means (20, 22, 24) being such that the net transverse modal velocity over the area of the diaphragm (10) tends to zero. A method of making an acoustic device having a diaphragm having an area and having an operating frequency range which includes the piston-to-modal transition, comprising choosing the diaphragm parameters such that it has resonant modes in the operating frequency range, coupling a drive part of an electro-mechanical transducer to the diaphragm to exchange energy with the diaphragm, adding at least one mechanical impedance means to the diaphragm, and selecting the positioning and mass of the drive part of the transducer and the positioning and parameters of the at least one mechanical impedance means so that the net transverse modal velocity over the area tends to zero.



(54) Title of the invention : METHOD FOR REDUCING SESSION ESTABLISHMENT TIME IN CDMA-2000 NETWORKS.

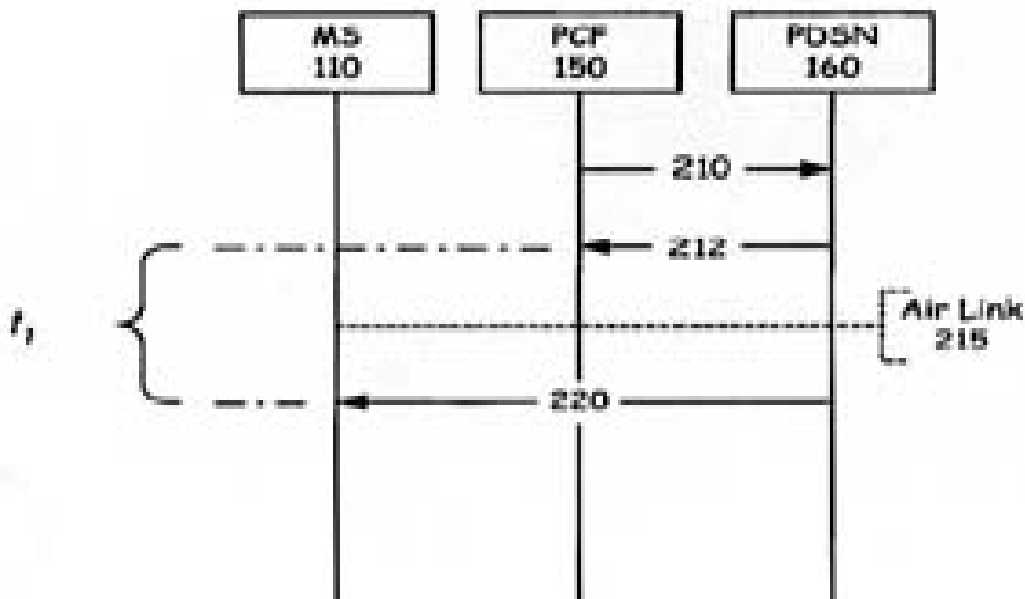
(51) International classification	:H04L12/28; H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2004/007339	1)STARENT NETWORKSL CORPORATION
(32) Priority Date	:10/03/2004	Address of Applicant :30 INTERNATIONAL PLACE,TEWKSBURY, MA 01876,UNITED STATES OFL AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/007339	1)HARPER, MATTHEW, HAYDEN
Filing Date	:10/03/2004	2)PUTHIYANDYIL,SANIL
(87) International Publication No	:WO/2005/099177	3)SENTHILNATHAN,JANAKIRAMAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 21

(57) Abstract :

Systems and methods for establishing and operating data sessions between mobile subscribe units and packet data servers on a wireless communication network arc presented. Some aspects described herein arc directed to preventing the loss of an initial configuration request signal (e.g. under the LCP protocol) from a packet data server to a mobile subscriber prior to successful establishment of a radio air link to the mobile subscriber. Other aspects are directed to detecting the presence or absence of a radio air link to the mobile subscriber as a determinant of whether the packet data server is to send a configuration request signal to the mobile subscriber, 01 whether the packet data server should withhold the request signal until the air link is established. Some or all aspects presented arc suitable for use in 3G or CDMA-2000 systems using the A10/A11 communication control protocol and the, PPP data communication protocol.



(54) Title of the invention : AN OBLERVER-BASED CONTROL METHOD FOR AUTOMATICALLY SHIFTING A MANUAL TRANSMISSION.

(51) International classification :B60K41/02
 (31) Priority Document No :60/564,023
 (32) Priority Date :21/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/009247
 Filing Date :21/03/2005
 (87) International Publication No :WO/2005/108148
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

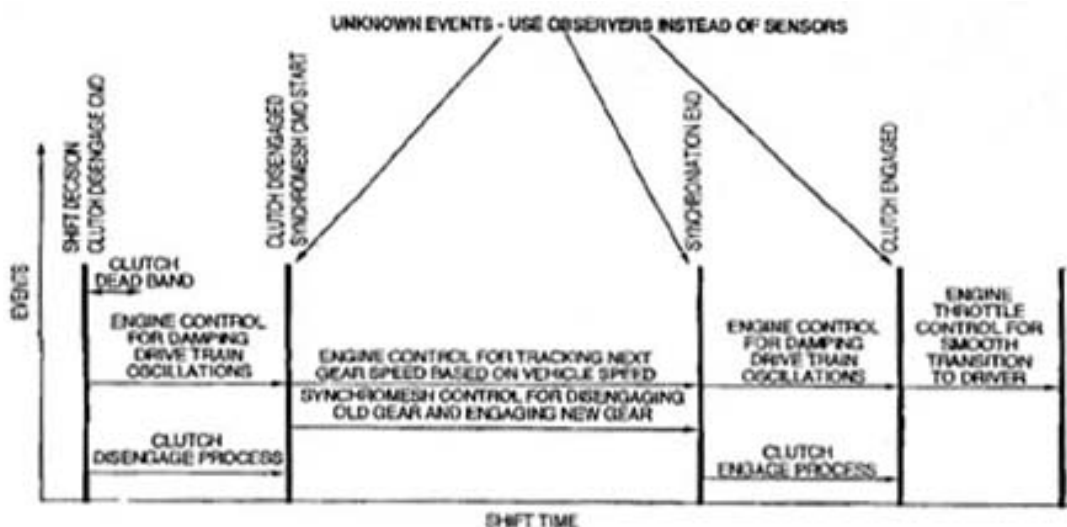
(71)Name of Applicant :
1)southwest research institute
 Address of Applicant :6220,culebra SAN ANTONIO, TX 78228,
 UNITED STATES OF AMERICA U.S.A.
 (72)Name of Inventor :
1)SURAMPUDI, BAPIRAJU (NMN)

No of Pages : 38

No of Claims : 18

(57) Abstract :

A method of controlling the shifting of an automatic manual transmission is based on observer-based timing of different phases of the shift process. The observer-based control strategy includes simultaneous management of the engine throttle and transmission actuators. The torque characteristics of the transmission are also taken into consideration during control of the engine throttle, thereby minimizing shift time and wear on transmission components. The control strategy uses mathematical models called observers to monitor the value of inherent properties attributable to specific actuators and to provide signals used to implement parallel task execution.



(54) Title of the invention : A CREDIT CARD AND NBSP; A SECURED DATA ACTIVATION SYSTEM.

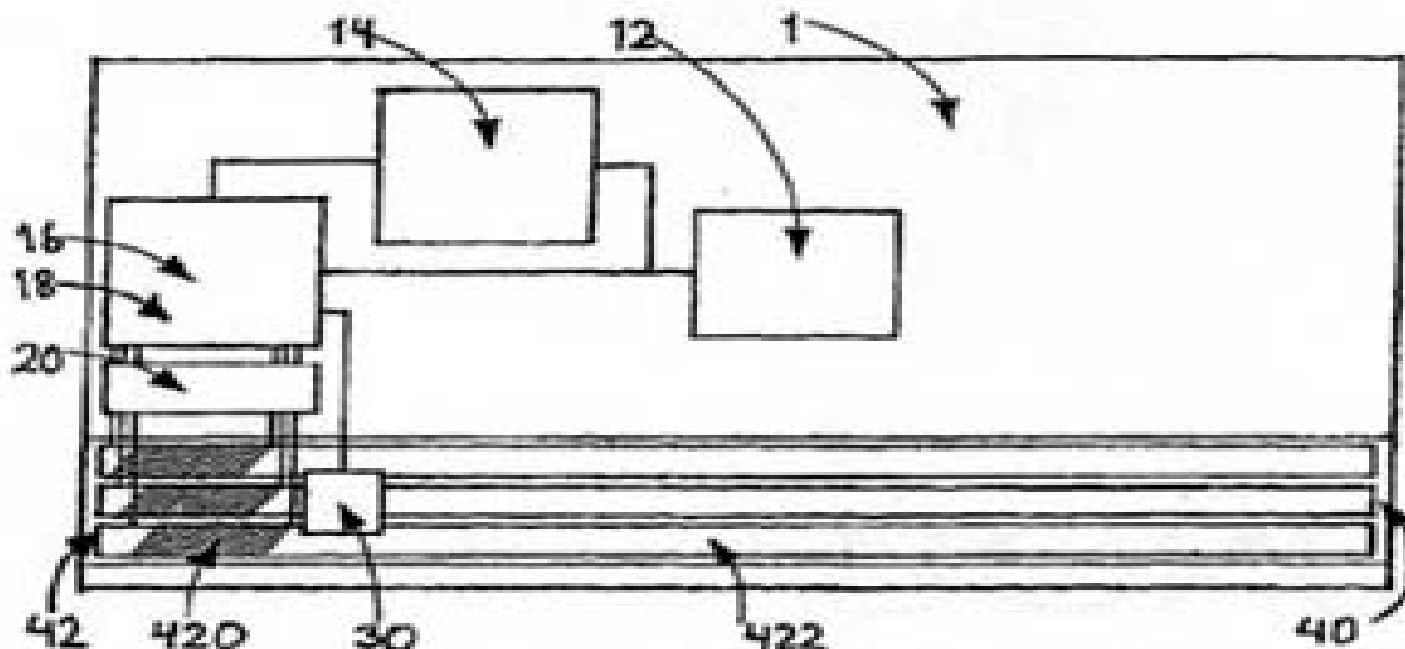
(51) International classification	:G07C9/00; G07F7/10	(71)Name of Applicant :
(31) Priority Document No	:04075705.6	1)CARDLAB APS
(32) Priority Date	:08/03/2004	Address of Applicant :ARTILLERIVEJ 90,ST.DK- 2300,COPENHAGENS DENMARK Denmark
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/DK	1)NORDENTOFT, TORSTEN
Filing Date	2005/000150	2)SKERN,L BJORN L
(87) International Publication No	:WO/2005/086102	3)ANDERSEN,L PER BERGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 47

(57) Abstract :

The present invention relates to a credit card comprising a card body, which comprises fingerprint reading means providing fingerprint signals representative of at least one fingerprint from a card user, when at least one finger of said user is pressed against said fingerprint reading means. Said card body further comprises data carrier means holding at least card owner fingerprint data and secured data, and fingerprint authentication means for activating said secured data. The card body further comprises an electrical power supply delivering electrical current to at least said fingerprint reading means. Accordingly there is no need for an external electrical power supply, and thus the existing standard card reading systems, such as ID-card readers, money transfer machines such as ATM's and the like may be used in conjunction with said credit card. Thus, investments into new standard reader systems are not necessary in order to improve the security of the secured data carried by the credit card. A complete and self-contained automated authentication process is conducted prior to communication concerning said secured data being established between said credit card and any of the existing ATM's on the market today, irrespective of type (automated or manually operated), manufacturer, version, or geographical position of said ATM and of credit card use.



(54) Title of the invention : FUNGICIDE MIXTURES.

(51) International classification :A01N 43/90
 (31) Priority Document No :10 2004 024 201.1
 (32) Priority Date :13/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/005068
 Filing Date :11.05.2005
 (87) International Publication No :WO/2005/110088
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

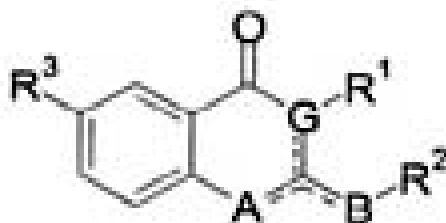
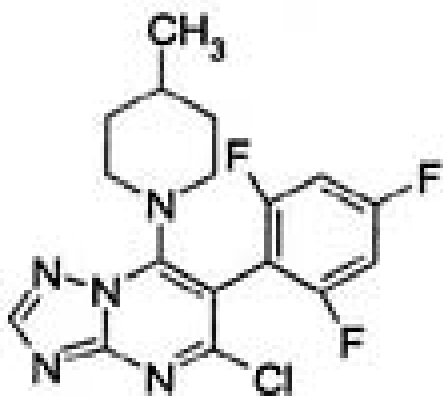
(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN,GERMANY Germany
 (72)Name of Inventor :
1)TORMO I BLASCO JORDI
2)GROTE THOMAS
3)SCHERER MARIA
4)STIERL REINHARD
5)STRATHMANN SIEGFRIED
6)SCHOFEL ULRICH
7)RHEINHEIMER JOACHIM

No of Pages : 17

No of Claims : 12

(57) Abstract :

Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I in which the variables are as defined below: A is O or N; B is N or a direct bond; G is C or N; R¹ is alkyl; R² is alkoxy; and R³ is halogen; in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compounds II and the use of the compound I with the compounds II for preparing such mixtures, and also compositions comprising these mixtures.



(54) Title of the invention : MEASURING CONTAMINATION.

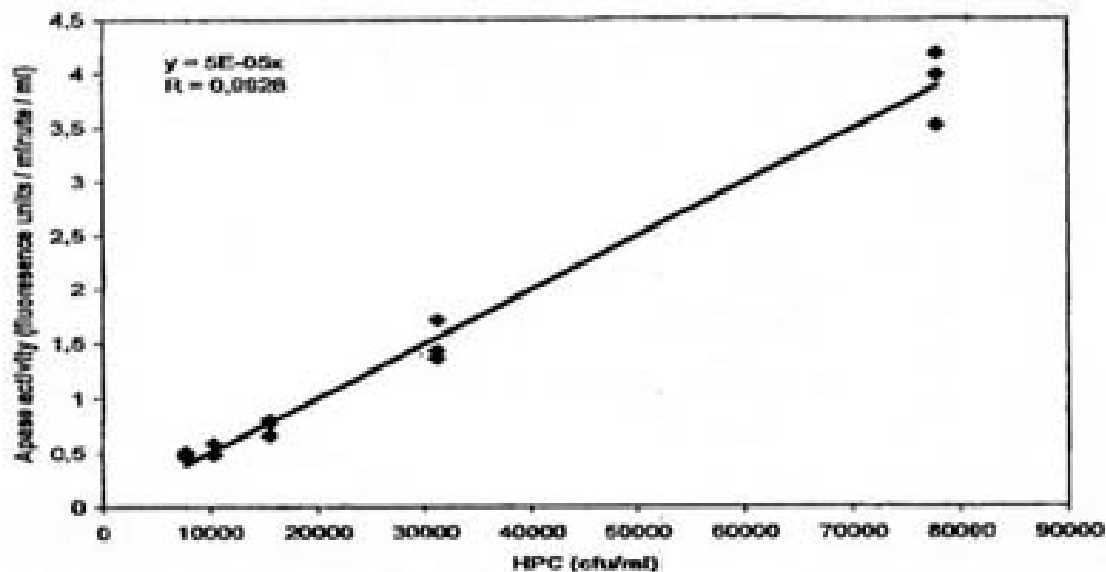
(51) International classification	:C12Q1/04; C12Q1/24;	(71)Name of Applicant :
(31) Priority Document No	:PA 2004 00348	1)MYCOMETER APS
(32) Priority Date	:01/03/2004	Address of Applicant :LERSO PARKALLE 40,DK-2100 COPENHAGEN, DENMARK Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:PCT/DK	1)REESLEV, MORTEN
Filing Date	2005/000137	2)MILLER, MORTEN
	:28/2/2005	
(87) International Publication No	:WO 2005/083109	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 47

(57) Abstract :

Disclosed is a convertnet sample preparation method for a medium suspected of containing contaminants, the method comprising a passing a known volume of said medium through a filter from an influent side to in effluent side thereby concentrating the contaminants 0:1 the influent side of the filter, b) contacting the influent side of the filter with a liquid vehicle containing at least one substrate that through interaction with the contaminates each produces a detectable moiety. c) and allowing the substrate 10 interact with a.c contaminates on the influent side of the filter for a period of time, which is sufficient to allow the detectable moiety to be detected in the liquid vehicle. The method may further comprise a detection step, where the amount of detectable is determined in the liquid vehicle, preferably alter the liquid vehicle has teen separated from the contaminant, e.g by passing the liquid vehicle through the filter and perfuming a measurement on the contaminant free fluid vehicle. Also disclosed is a kit for exercising the inventive method.



(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
 (31) Priority Document No :10 2004 019 934.5
 (32) Priority Date :21/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/004003
 Filing Date :15/04/2005
 (87) International Publication No :WO 2005/102053
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BASF ADTIENGESELLSCHAFT

Address of Applicant :67056 LUDWIGSHAFEN, GERMANY Germany

(72)Name of Inventor :

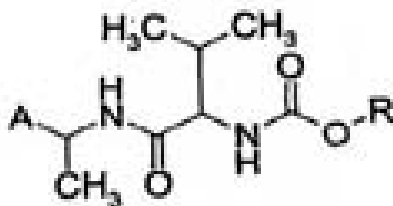
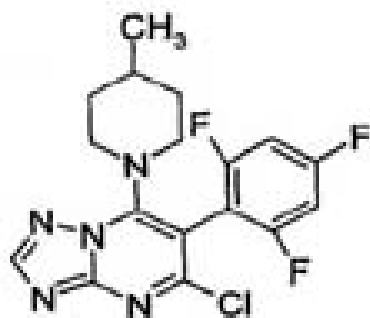
1)TORMO iBLASCO JORDI**2)GROTE THOMAS****3)SCHERER MARIA****4)STIERLL REINHARD****5)STRATHMANN SIEGFRIED****6)SCHOFL ULRICH****7)NIEDENBRUCK MATTHIAS****8)STRATHMANN SIEGFRIED**

No of Pages : 14

No of Claims : 11

(57) Abstract :

The invention relates to fungicidal mixtures that contain, as the active components, 1) the triazolopyrimidine derivative of formula (I), and 2) at least one valine amide derivative of formula (II), wherein A represents phenyl, naphthyl or benzothiazolyl, which can be unsubstituted or substituted by methyl or halogen, and R represents C₁-C₄ alkyl, in a synergistically effective amount. The invention also relates to methods for controlling parasitic fungi using mixtures of compound (I) with compound (II), and to the use of compound (I) with compound (II) for producing such mixtures, and to agents that contain said mixtures.



(54) Title of the invention : METAL COMPOSITE OXIDES WITH NOVEL CRYSTAL STRUCTURE AND THEIR USE AS IONIC CONDUCTORS.

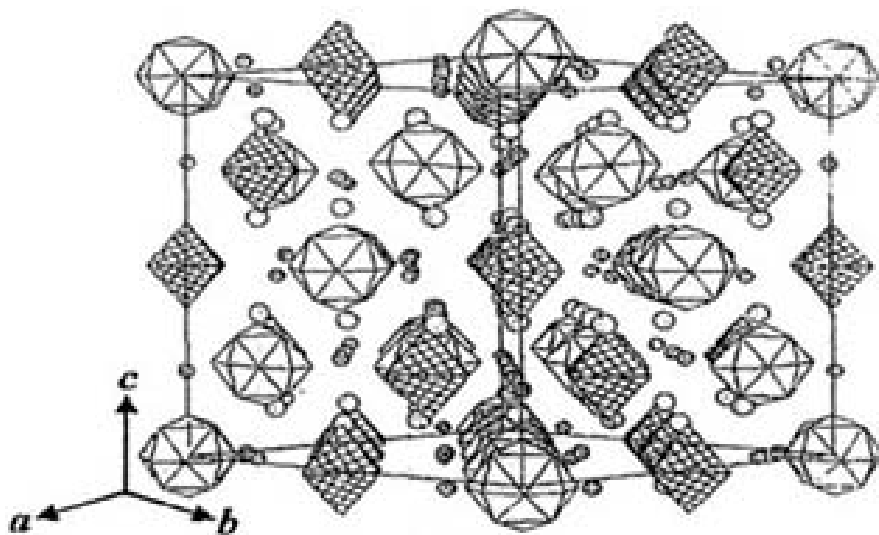
(51) International classification	:C01F 1/00	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0027544	1)LG CHEM,LTD
(32) Priority Date	:21/04/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:Democratic People's Republic Korea	SEOUL 150-721 REPUBLIC OF KOREA Democratic People's Republic Korea
(86) International Application No	:PCT/KR2005/001154	(72)Name of Inventor :
Filing Date	:21/04/2005	1)HONG SEUNG TAE
(87) International Publication No	:WO 2005/113441	2)ROH YUN HO
(61) Patent of Addition to Application Number	:NA	3)LEE EUNG JE
Filing Date	:NA	4)PARK MI HYAE
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 20

(57) Abstract :

Disclosed is metal composite oxides having the new crystal structure characterized by conditions (a) to (c): (a) a space group of Fd-3m (no. 227); (b) a unit cell parameter of 17.0 ± 1.0 Å; and (c) crystallographic positions $8b$, $(3/8, 3/8, 3/8)$, $48f$ $(x, 1/8, 1/8)$ where $0.37 \leq x \leq 0.43$, $32e$ (x, x, x) where $0.20 \leq x \leq 0.26$, $16d$ $(1/2, 1/2, 1/2)$ and $16c$ $(0, 0, 0)$ in a unit cell occupied by cations with a site occupancy of $0 < \text{occupancy} \leq 1$. The crystallographic coordinates in the unit cell are based on space group No. 227, origin choice 2 (p. 701 of "International tables for crystallography", vol. A, 5th ed. Kluwer Academic Publishers, 2002). Also disclosed are ionic conductors including the metal composite oxides and electrochemical devices comprising the ionic conductors. The metal composite oxides have an ion channel formed for easy movement of ions due to crystallographic specificity resulting from the ordering of metal ion sites and metal ion defects within the unit cell. Therefore, the metal composite oxides according to the present invention are useful in an electrochemical device requiring an ionic conductor or ionic conductivity.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2614/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :11/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : USE OF A PYRAZOLE DERIVATIVE FOR PRODUCING MEDICAMENTS THAT ARE USEFUL IN PREVENTING AND TREATING CHRONIC BRONCHITIS AND CHRONIC OBSTRUCTIVE BRONCHOPNEUMOPATHY

(51) International classification	:A61K31/454; A61K31/366; A61K31/4178; A61
(31) Priority Document No	:0402824
(32) Priority Date	:17/03/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR 2005/000620
Filing Date	:15/03/2005
(87) International Publication No	:WO 2005/099690
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANOFI-AVENTIS
Address of Applicant :174,AVENNUE DE FRANCE FR-75013 PARIS
FRANCE France
(72)**Name of Inventor :**
1)SEBILLE MARIE

No of Pages : 8

No of Claims : 3

(57) Abstract :

The invention relates to the use of a pyrazole derivative for producing medicaments that are useful in preventing and treating chronic bronchia's and chronic obstructive bronchopneumopathy.

(54) Title of the invention : FUNGICIDAL MIXTURES

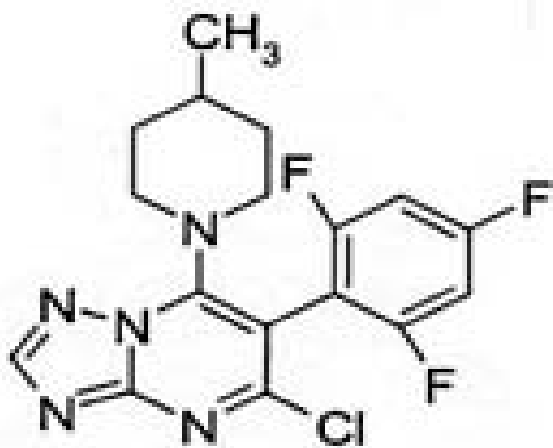
(51) International classification	:A01N 43/90	(71)Name of Applicant :
(31) Priority Document No	:10 2004 019 933.7	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:21/04/2004	Address of Applicant :67056 LUDWIGSHAFEN, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/004001	1)TORMO I BLASCO JORDI
Filing Date	:15/04/2005	2)GROTE THOMAS
(87) International Publication No	:WO/2005/102051	3)SCHERER MARIA
(61) Patent of Addition to Application Number	:NA	4)STIERLL REINHARD
Filing Date	:NA	5)SCHOFLL ULRICH
(62) Divisional to to Application Number	:NA	6)STRATHMANN SIEGFRIED
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I 2) a copper fungicide II in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the fungicide II and the use of the compound I with the fungicide II for preparing such mixtures, land also compositions comprising these mixtures.



(54) Title of the invention : FUNGICIDAL MIXTURES

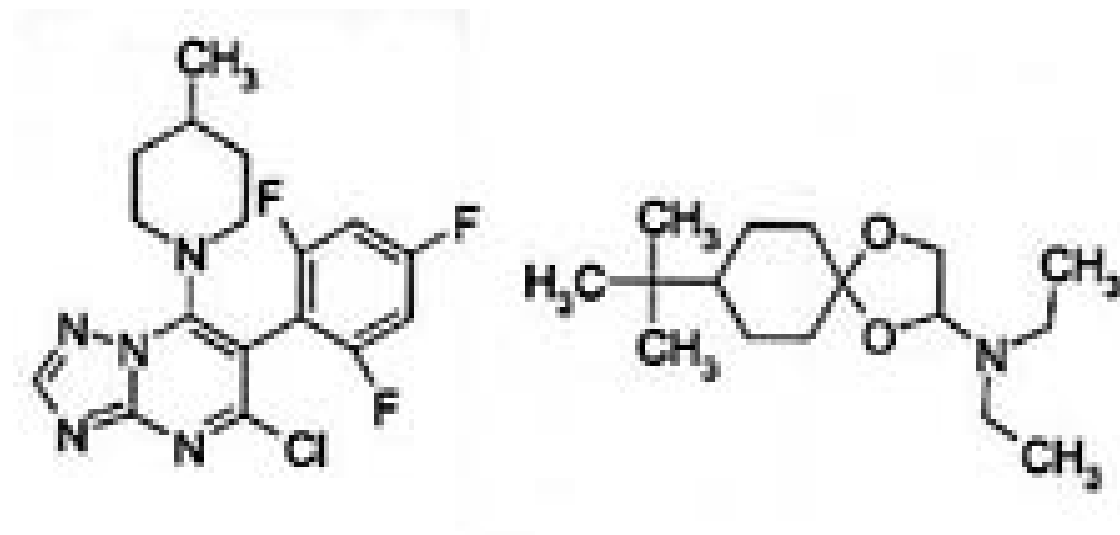
(51) International classification	:A01N 43/90	(71)Name of Applicant :
(31) Priority Document No	:102004019935.3	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:21/04/2004	Address of Applicant :67056 LUDWIGSHAFEN,GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/004002	1)TORMO I BLASCO JORDI
Filing Date	:15/04/2005	2)GROTE THOMAS
(87) International Publication No	:WO/2005/102052	3)SCHERER MARIA
(61) Patent of Addition to Application Number	:NA	4)STIERL REINHARD
Filing Date	:NA	5)STRATHMANN SIEGFRIED
(62) Divisional to to Application Number	:NA	6)SCHOFL ULRICH
Filing Date	:NA	

No of Pages : 13

No of Claims : 10

(57) Abstract :

Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I and 2) spiroxamine of the formula II in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(54) Title of the invention : METHOD OF COMBATING FRUIT FLIES

(51) International classification	:A01N25/00; A01N47/02	(71)Name of Applicant :
(31) Priority Document No	:60/564,596	1)BASF ADTIENGESELLSCHAFT
(32) Priority Date	:23/04/2004	Address of Applicant :67056 LUDWGSCHAFEN, GERMANY Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/004005	1)HOLMES KEITH A
Filing Date	:15/04/2005	2)BULL RICHARD MCLEAN
(87) International Publication No	:WO/2005/102054	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 10

(57) Abstract :

1. A method of combating fruit flies; by bringing into contact the male and the female species with fipronil characterized in that a) the male species are lured onto a material containing a pheromone or a parapheromone and fipronil b) the male species take up fipronil via contact with this material and c) transfer fipronil to the females via contact. 2. A method of combating fruit flies by bringing into contact the female species with fipronil according to the method defined in claim 1. 3. A method according to claim 1 or 2 wherein the fruit flies are selected from the genera Bactrocera, Dacus, and Ceratitis, 4. A method according to claims 1 to 3 wherein the male species are lured onto the fipronil-containing material by a parapheromone. 5. A method according to claim 4 wherein the parapheromone is Cue-lure (4-fp- acetoxyphehyl)-2-butanone), or methyl eugenol for luring males of the genus Bactrocera and Trimedlure (t-butyl 4-(or 5)-chloro-2-methyl cyclohexane carboxylate) for attracting males of the genus Ceratitis. 6. A method according to claims 1 to 5 wherein the material containing a pheromone or a parapheromone and fipronil is a block of paper-mache. 7. A method according to claim 6 wherein fipronil is contained in amounts of 15 - 40 mg per block. 8., A method of combating fruit flies comprising combining a method as defined in claims 1 to 7 with a method of combating the female and the male species with a protein bait containing fipronil. 9. A method according to claim 8 wherein the protein bait is in the form of a gel protein spray. 10. A method of substantially eradicating from a land area fruit flies comprising any one of the methods defined in claims 1 to 9.

(54) Title of the invention : SUPPORT STRUCTURE FOR AN INFORMATION AND/OR ADVERTISING SURFACE

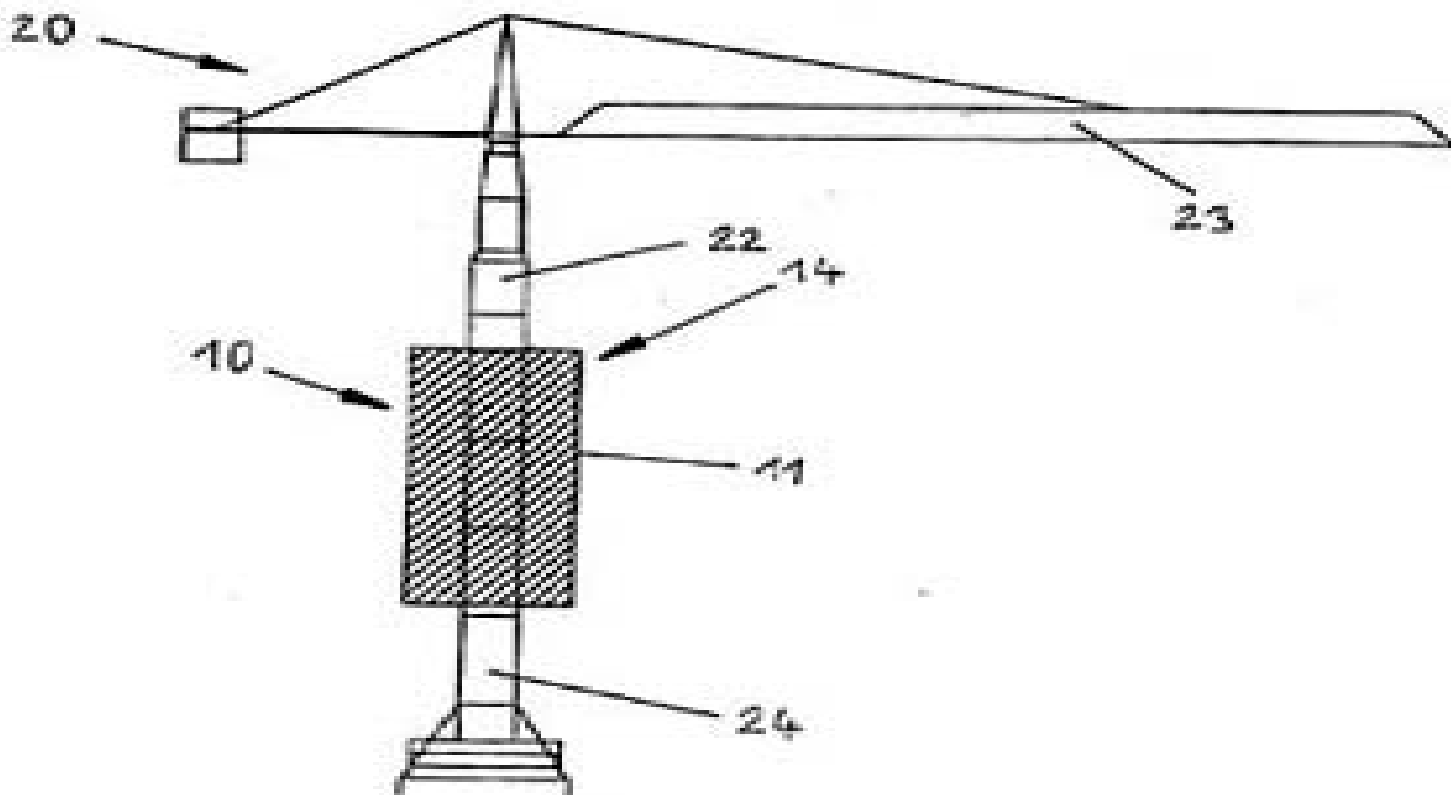
(51) International classification	:G09F7/18; G09F15/00	(71)Name of Applicant :
(31) Priority Document No	:102004014689.6	1)BLOWUP MEDIA GMBH
(32) Priority Date	:25/03/2004	Address of Applicant :BORKSTR. 13,48163, MUNSTER, GERMANY
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/003118	(72)Name of Inventor :
Filing Date	:23/03/2005	1)DOKER, WERNER
(87) International Publication No	:WO/2005/093690	2)WILMS,BERND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 23

(57) Abstract :

SUPPORT STRUCTURE FOR AN INFORMATION AND/OR ADVERTISING SURFACE The invention relates to a support structure for an information and/or advertising surface for fitting to a mast tower of a crane, particularly a building crane. According to the invention, the support structure is characterized by a plurality of folding elements, which can be folded out for an operating state.



(54) Title of the invention : INJECTION APPARATUS HAVING A NEEDLE CASSETTE FOR DELIVERING A PHARMACEUTICAL LIQUID.

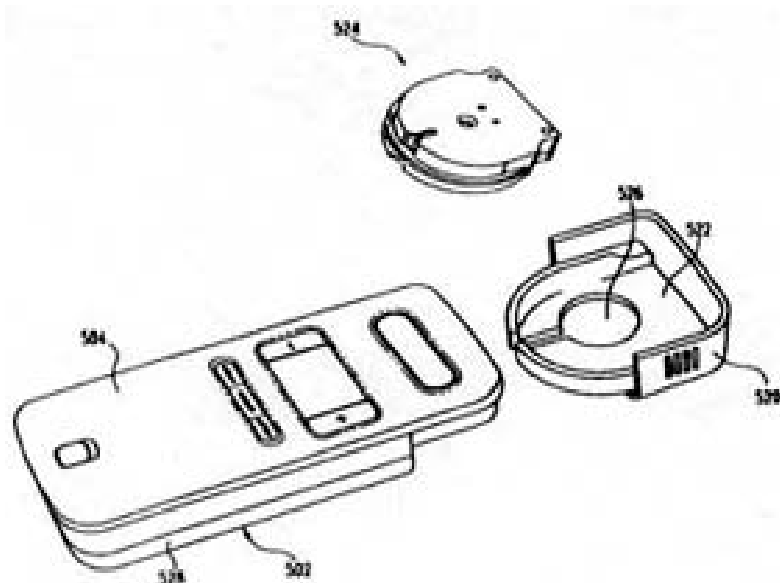
(51) International classification	:A61M5/20; A61M5/142; A61M5/32;	(71)Name of Applicant : 1)ELILILLY AND COMPANY Address of Applicant :LILLY CORPORATE CENTER, INDIANAPOLIS, INDIANA 46285,UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:60/558,412	(72)Name of Inventor :
(32) Priority Date	:31/03/2004	1)BURROUGHS,ANDREW, CHRISTOPHER
(33) Name of priority country	:U.S.A.	2)KARAHALIOS, ANASTASIOS, G.
(86) International Application No	:PCT/US2005/010580	3)RITSHER, DENNETH, ALAN
Filing Date	:31/03/2004	4)SCHAFF,L ANTHONY, LAWRENCE, SENIOR
(87) International Publication No	:WO 2005/097237	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 87

No of Claims : 27

(57) Abstract :

An apparatus for delivering a pharmaceutical liquid to a patient includes an outer casing; a needle cassette housed in the casing and containing a plurality of mutually parallel drug injection needles; a drug cartridge housed in the casing, containing a liquid and including a sealable aperture for accessing the liquid; a direct drive assembly housed in the casing and engageable with the drug cartridge to expel a measured dose of the liquid through the aperture; a lifter assembly housed in the casing and engageable with the needle cassette to drive one of the plurality of needles partially out of the casing and into a patient while also accessing the liquid in the drug cartridge through the sealable aperture, and thereafter to withdraw the needle from the patient while halting accessing of the liquid through the sealable aperture after the measured dose of the liquid has been administered through the needle; motor means in the casing for driving the direct drive assembly and the lifter assembly; computer means for activating the direct drive assembly and the lifter assembly; and, a control panel for enabling a user to activate the apparatus.



(54) Title of the invention : JOINING PANEL.

(51) International classification :E04F15/02;
E04F15/04
(31) Priority Document No :A 511/2004
(32) Priority Date :23/03/2004
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2005/000054
Filing Date :21/02/2005
(87) International Publication No :WO 2005/090707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

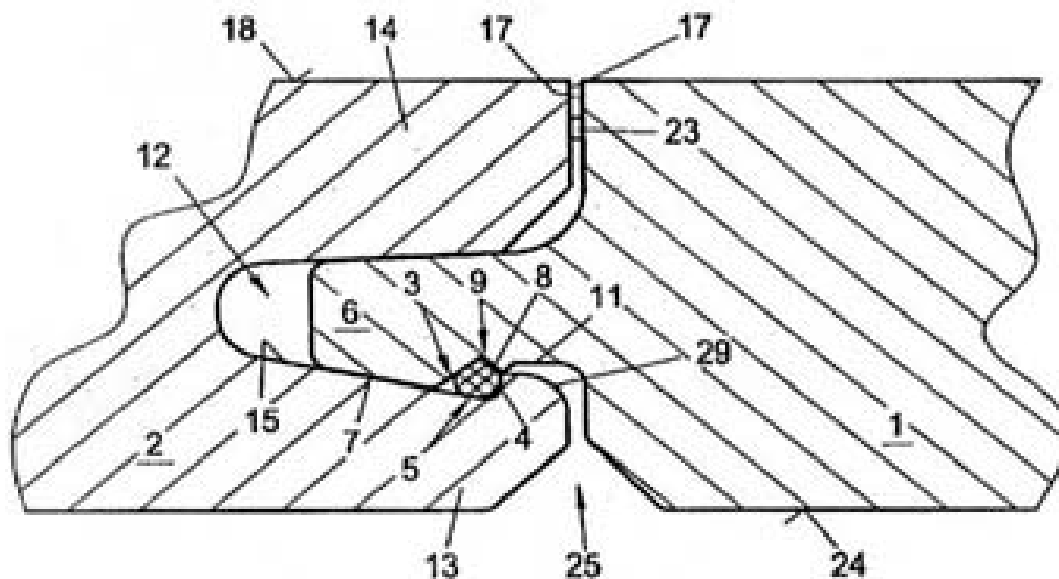
(71)Name of Applicant :
1)KAINKL FLOORING GMBH
Address of Applicant :KAINDLSTRASSE 2 A-5071 WALS
AUSTRIA. Austria
(72)Name of Inventor :
1)KNAUSEDR FRANZ

No of Pages : 17

No of Claims : 36

(57) Abstract :

Covering panel(s) for floors have a groove (12) along at least one edge and have a tongue (6) along another edge (17). Panels (1,2) to be joined to one another can be joined by inserting the tongue (6) into the groove (12). A bead (8) made of an adhesive and/or plastic is placed on or affixed to at least one tongue surface (7), According to the invention, a recess (3) is formed in the tongue surface (7) and serves to accommodate the bead (8), and a detent recess (5), which is delimited by a detent surface (4), is formed in the inside wall surface (15) of the groove, this surface facing the tongue surface (7). When the tongue (6) is inserted into the groove (12), the bead (8) projects into the detent recess (5) whereby enabling the bead (8) and the detent surface (4) to latch.



(54) Title of the invention : ARRANGEMENT FOR LAYING CABLES.

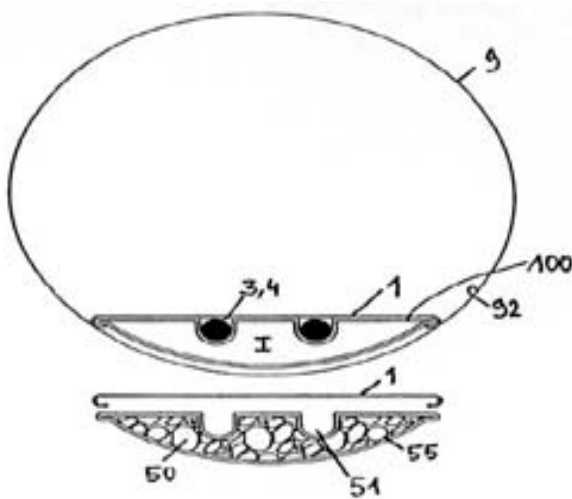
(51) International classification	:G02B6/50; H02G1/08	(71)Name of Applicant :
(31) Priority Document No	:A446/2004	1)WIENL KANAL-AVWASSTERTECHNOLOGIEN GESMBH,
(32) Priority Date	:12/03/2004	Address of Applicant :MODECENTERSTRASSE 14, BLCK C,A-1030
(33) Name of priority country	:Austria	WIEN, AUSTRIA, AN AUSTRIAN COMPANY. Austria
(86) International Application No	:PCT/AT2005/000079	(72)Name of Inventor :
Filing Date	:08/03/2005	1)HELMUT KADR NOSKA,
(87) International Publication No	:WO 2005/088795	2)GERHARD REISS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 58

(57) Abstract :

The invention relates to an arrangement for laying cables preferably electric cables data and information transport cables and/or control cables in particular fibre optic cables, fluid transport tubes or the like in galleries, tunnels, shafts, pipes, channels or the like, in particular water and/or waste-water guiding systems said arrangement comprising at least one cable region of an opening providing access to an installation shaft or access shaft or the like toward the respective pipe channel or the like, or drawn or fixed in a stationary manner in the pipe, channel or the like. According to the invention, stationary positioning of the cable(s) (4) and/or the laying arrangement (100), which is optionally maintained by means of a cable support, is obtained and ensured by means of the force of gravity (s) and the frictional fit thus arising.



(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING PRINTED MATERIAL PRODUCED BY A PRINTING PRESS.

(51) International classification :B41F33/00;
B41F33/00
(31) Priority Document No :1025711
(32) Priority Date :12/03/2004
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL05/000187
Filing Date :14/03/2005
(87) International Publication No :WO/2005/087494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

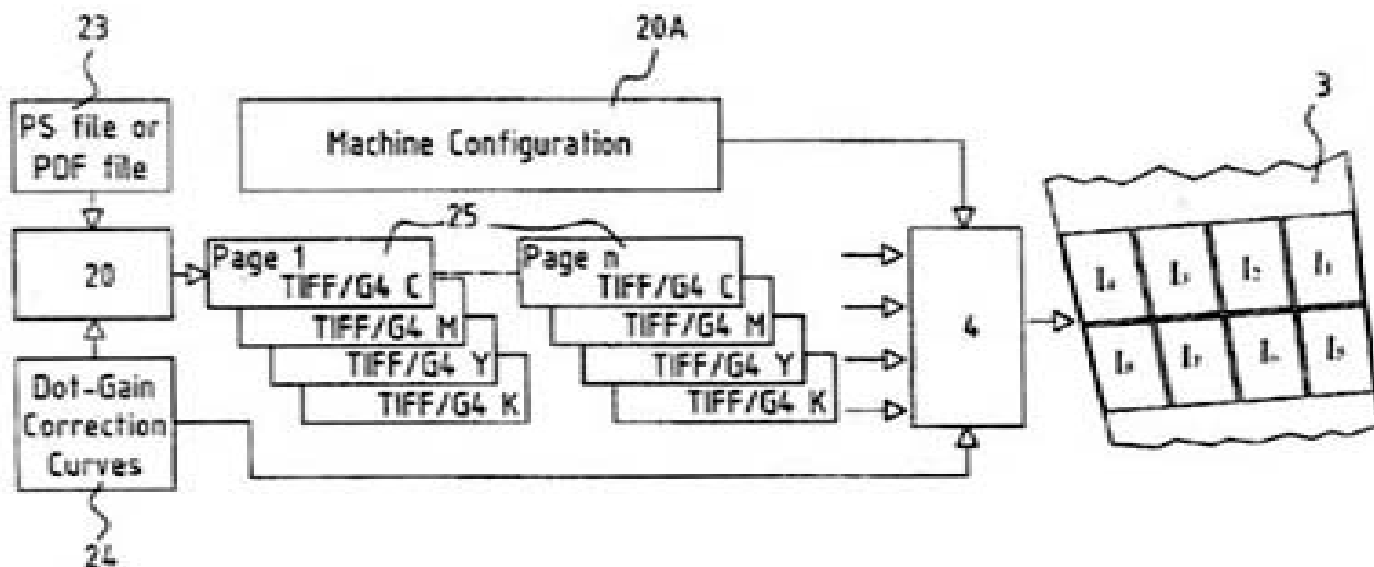
(71)Name of Applicant :
1)Q.I PRESS CONTROLS HOLDING B.V.
Address of Applicant :EVERDENBERG 26 NL-4902 TT
OOSTERHOUT THE NETHERLANDS Netherlands
(72)Name of Inventor :
1)VAN HOLTEN ERIK
2)JANSEN,MENNO

No of Pages : 32

No of Claims : 42

(57) Abstract :

The invention relates to a method for monitoring printed material which is produced by a printing press and comprises images printed on a paper web .The method comprises the steps of determining in a digital original reference values for chosen parameters of the printed material, including in any case the colours, detecting these parameters in a digitized record of the corresponding printed images, comparing the detected values to the reference values, and performing a correction when a difference in these values is found during the comparison With a view to the comparison, use is made for describing the colours of a system adapted to the human eye, such as CIE Lab The chosen parameters can also comprise, in addition to the colours, the location of the images in the printed material and/or the colour register of the printed material The invention also relates to a system for performing this method, which is provided with a device for determining reference values, a device for detecting the parameters, a comparing and correcting device connected to the determining device and the detecting device.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2623/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : COMPOSITION; USE OF A COMPOSITION AND A METHOD FOR TREATING OBESITY.

(51) International classification	:A23L1/307; A23L2/52; A61K31/25;	(71)Name of Applicant : 1)BIOFREME OY Address of Applicant :RAUVOLANTIE 64 FI-20760,PIISPANRISTI Finland
(31) Priority Document No	:20045076	2)BIOLUX OY
(32) Priority Date	:15/03/2004	(72)Name of Inventor :
(33) Name of priority country	:Finland	1)TUOMASJUKKA,SASKA
(86) International Application No	:PCT/FI2005/000151	2)HEIKKI,KALLIO
Filing Date	:14/03/2005	
(87) International Publication No	:WO2005/087025	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 11

(57) Abstract :

The invention relates to the use of a food-approved emulgator in the preparation of a preparation intended for the prevention of fat absorption, to a nutrient composition containing an emulgator for the prevention of fat absorption, and to a functional food characterized in that it contains an effective amount of a food-approved emulgator.

(54) Title of the invention : MOULD FOR PREPARING LARGE STRUCTURES, METHODS OF PREPARING MOULD AND USE OF MOULD.

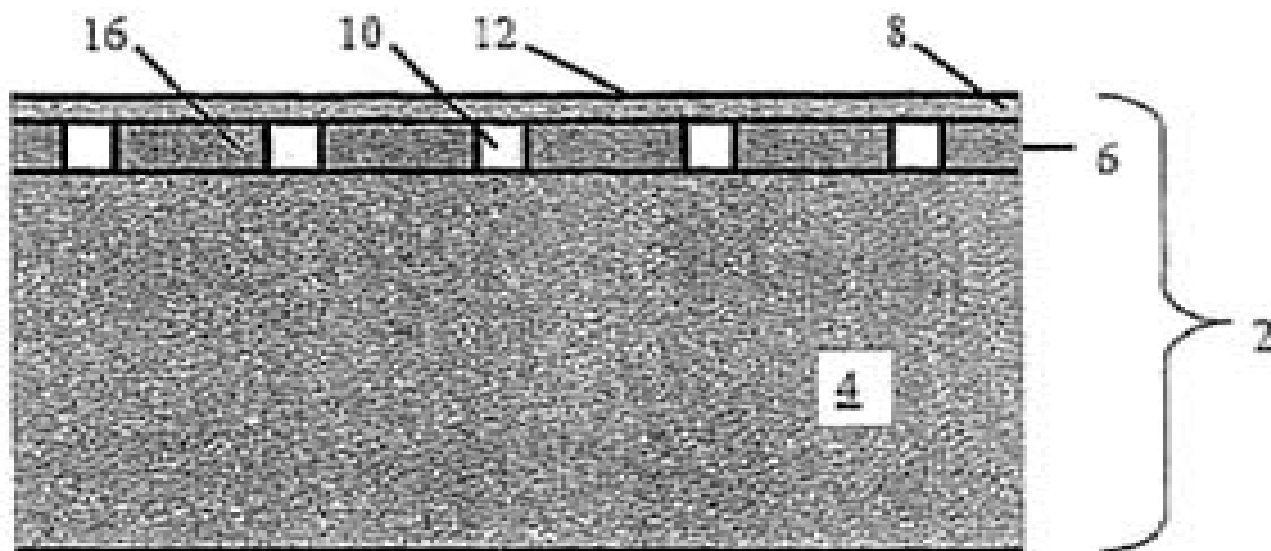
(51) International classification	:B22F3/11; B22F5/00;	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB2004/050308	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:22/03/2004	Address of Applicant :ALSVEJ 21,DK-8900 RANDERS Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050308	1)BECH,ANTON
Filing Date	:22/03/2004	
(87) International Publication No	:WO2005/092586	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 40

No of Claims : 38

(57) Abstract :

A mould (2) for preparing of large structures, such as wind turbine blades, is provided. Furthermore, methods of manufacturing and use of such a mould (2) are provided. The mould (2) comprises a support structure (4), an air-drainage structure (6) and an air-permeable surface member (8). The mould is particularly suitable for preparing of moulded items with an in-mould coating.



(54) Title of the invention : METHOD FOR PURIFYING PLASMID DNA.

(51) International classification	:C12N1/06; C12N15/10; C12Q1/68; C12N1/06	(71) Name of Applicant : 1)CENTELION Address of Applicant :78-72 RUE LEON GEFROY,F-94400 VITRY-SUR-SEINE France
(31) Priority Document No	:60/563,008	(72) Name of Inventor :
(32) Priority Date	:19/04/2004	1)BLANCHE,FRANCIS
(33) Name of priority country	:U.S.A.	2)COUDER,MICHEL
(86) International Application No	:PCT/EP2005/005213	3)MAESRALI,NICOLAS
Filing Date	:19/04/2005	4)GUILLEMIN,THIERRY
(87) International Publication No	:WO2005/100542 A1	5)GAILLAC,DAVID
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 75

No of Claims : 47

(57) Abstract :

This invention provides a process for the continuous alkaline lysis of a bacterial suspension in order to harvest pDNA. It further provides for optional additional purification steps, including lysate filtration, anion exchange chromatography, triplex affinity chromatography, and hydrophobic interaction chromatography. These optional purification steps can be combined with the continuous lysis in order to produce a highly purified pDNA product substantially free of gDNA, RNA, protein, endotoxin, and other contaminants.

(54) Title of the invention : METHOD OF MAKING EPOXYORGANOALKOXYASILANES.

(51) International classification	:C07F 7/18	(71)Name of Applicant :
(31) Priority Document No	:60/557,206	1)DOW CORNING CORPORATION
(32) Priority Date	:29/03/2004	Address of Applicant :2200,WEST SALZBURG ROAD
(33) Name of priority country	:U.S.A.	MIDLAND,MI48686-0994 U.S.A.
(86) International Application No	:PCT/US2005/000907	(72)Name of Inventor :
Filing Date	:13/01/2005	1)ELIENSTINE,BYRON,DUANE
(87) International Publication No	:WO2005/103062 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 8

(57) Abstract :

Epoxyorganoalkoxysilanes are made by reacting an olefin epoxide with an hydridnalfcoxysilanc in the presence of RhCl(di-tert--butyl-sulfide) 2 catalyst. The reaction is free of the presence of a stabilizing agent, it is carried out at a temperature in the range of 65-95 °C, and the olefin epoxide is present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysitane. Preferably, die reaction temperature is in the range of 70-75 °C. and the olefin epoxide is present in the reaction in a molar excess of about 10 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.

(54) Title of the invention : A METHOD FOR PREDICTING THE STATE OF THE GASTRIC MUCOSA.

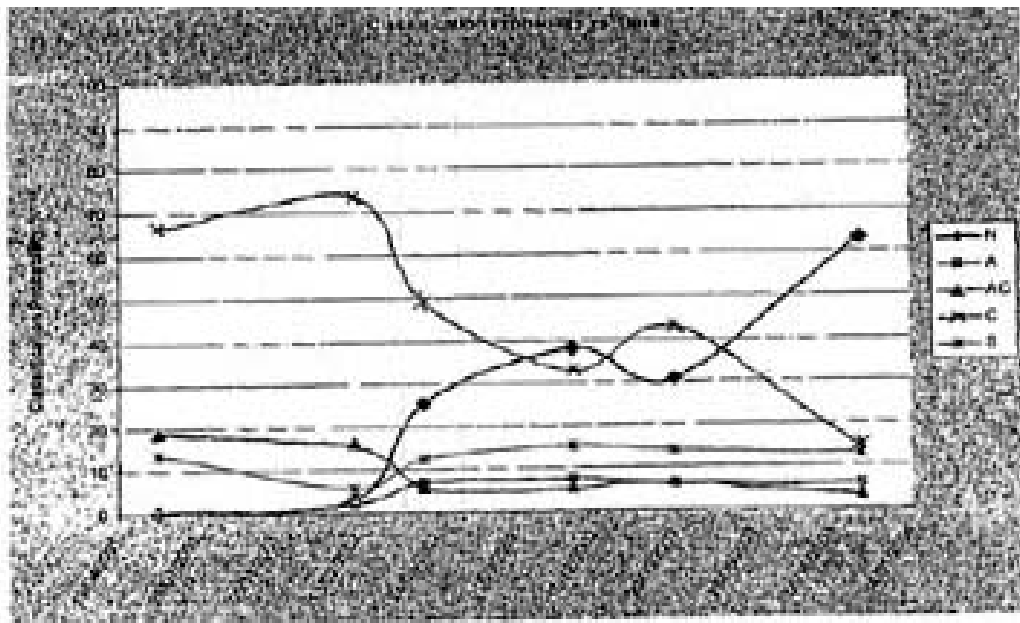
(51) International classification	:G01N33/74; G01N33/569; G01N33/573; G01N3	(71)Name of Applicant : 1)BIOHIT OYJ Address of Applicant :LAIPPATIE 1,FI-00880 HELSINKI Finland
(31) Priority Document No	:20040359	(72)Name of Inventor :
(32) Priority Date	:05/03/2004	1)SARNA,SEEPO
(33) Name of priority country	:Finland	2)TIUSANEN,TAPANI
(86) International Application No	:PCT/FI2005/050061	3)SUOVANIEMI,OSMO
Filing Date	:03/03/2005	
(87) International Publication No	:WO 2005/085871	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 15

(57) Abstract :

The present invention is directed to a method for assessing or predicting the state of the gastric mucosa in a subject by determining, in said subject, the probability for the gastric mucosa belonging to at least one gastric mucosa class, the method comprising: measuring, from a sample of said subject, the pepsinogen I (PGI) and gastrin-17 (G-17) analyte concentrations, as well as determining the presence or concentration of a marker for *Helicobacter pylori*; entering the data so obtained in a data processing system comprising an operating system, a database and means for transceiving and processing data, the said data processing system being adapted to determine the probability for the gastric mucosa belonging to the at least one gastric mucosa class, based on the data entered as well as on predefined clinical data in the database, the information so generated being indicative of the state of the gastric mucosa in said subject.



GastroPanel trend: time series of the probabilities for different classes (A, AC, C, S, N) provides valuable tool for follow up after treatment (eg. eradication therapy).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2628/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PHARMACEUTICAL DOSAGE FORMS AND COMPOSITIONS OF 5-HT1A RECEPTOR ANTAGONISTS.

(51) International classification :C07D 405/12		(71)Name of Applicant :
(31) Priority Document No :60/554,622		1)WYETH
(32) Priority Date :19/03/2004		Address of Applicant :FIVE FIRALDA FARMS, MADISON, NJ
(33) Name of priority country :U.S.A.		07940,UNITED STATES OF AMERICA U.S.A.
(86) International Application No :PCT/US2005/009142		(72)Name of Inventor :
Filing Date :18/03/2005		1)GHOSH,KRISHNENDU
(87) International Publication No :WO/2005/092307		2)NAGI,ARWINDER,S
(61) Patent of Addition to Application Number :NA		3)PAN,XIAOHONG
Filing Date :NA		4)LIN,MELISSA
(62) Divisional to to Application Number :NA		5)LINBERG,LEON
Filing Date :NA		6)CAI,PING
		7)BROWNE, ERIC, N,C.
		8)BERNATCHEZ, MICHEL
		9)LANKAU,MARK

No of Pages : 53

No of Claims : 113

(57) Abstract :

This invention relates to, for example, novel formulations and methods for the delivery of 4-cyano-N-[(2R)-2-[4-(2,3-dihydro-benzo[1,4]dioxin-5 yl)-piperazin-1-yl]-propyl]-N-pyridin-2-ylbenzamide, pharmaceutically acceptable salts thereof, structurally related compounds and/or metabolites; as well as to use of these formulations and methods for treating disease.

(54) Title of the invention : RECORDING MEDIUM WITH OVERLAPPING SEGMENT INFORMATION THEREON AND APPARATUS AND METHODS FOR FORMING,RECORDING,AND REPRODUCING THE RECORDING MEDIUM.

(51) International classification :G11B20/10;
G11B20/10
(31) Priority Document No :60/553,961
(32) Priority Date :18/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/000593
Filing Date :03/03/2005
(87) International Publication No :WO2005/088636 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

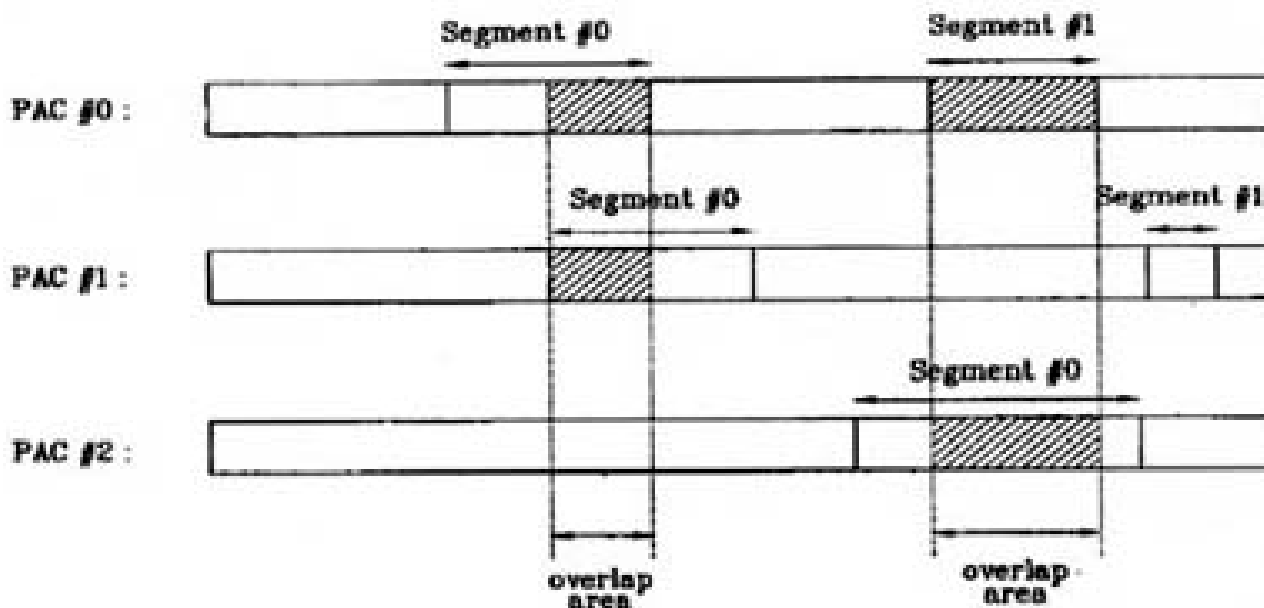
(71)Name of Applicant :
1)LG ELECTRONICS INC.
Address of Applicant :20,YODIO-DONG,YOUNGDUNGPO-GU
SEOUL 150-721 Republic of Korea
(72)Name of Inventor :
1)PARK KEE YOUNG

No of Pages : 42

No of Claims : 34

(57) Abstract :

A recording medium, such as a high-density and/or optical recording medium including segment information recorded thereon, and apparatus and methods for recording To and reproducing from the recording medium, in order to improve data protection, data management and/or reproduction compatibility. The recording medium may contain at least one segment area which is an area on the disc controlled by a plurality of valid PACs and if the designated segment areas overlap with one another, control information of the respective PACs which control the overlapped area 'may be applied to control the overlapped area.



(54) Title of the invention : METHODS FOR COUPLING RESISTANCE ALLELES IN TOMATO.

(51) International classification	:A01H5/00; A01H1/04	(71)Name of Applicant :
(31) Priority Document No	:10/777,984	1)SEMINIS VEGETABLE SEEDS,INC
(32) Priority Date	:12/02/2004	Address of Applicant :2700 CAMINO DEL SOL,OXNARD CA93030
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/004547	(72)Name of Inventor :
Filing Date	:11/02/2005	1)HOOGSTRATEN JACOBUS GERARDUS
(87) International Publication No	:WO2005/079342 A2	2)BRAUN CARL,III
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 49

No of Claims : 23

(57) Abstract :

A Lycopersicon esculentum plant comprising within its genome at least one tomato yellow leaf curl virus (TYLCV) resistance allele and at least one root knot nematode resistance allele, characterized in that the resistance alleles are present in coupling phase at different loci on one chromosome and in that the plant is highly resistant both against TYLCV and to at least one root knot nematode species selected from the group consisting of Meloidogyne arenaria, Meloidogyne incognita and Meloidogyne javanica.

Disease resistance performance of allelic combinations at the MI locus



(54) Title of the invention : RECORDING MEDIUM WITH PHYSICAL ACCESS CONTROL(PAC) CLUSTER THEREON AND APPARATUS AND METHODS FOR FORMING,RECORDING,AND REPRODUCING THE RECORDING MEDIUM.

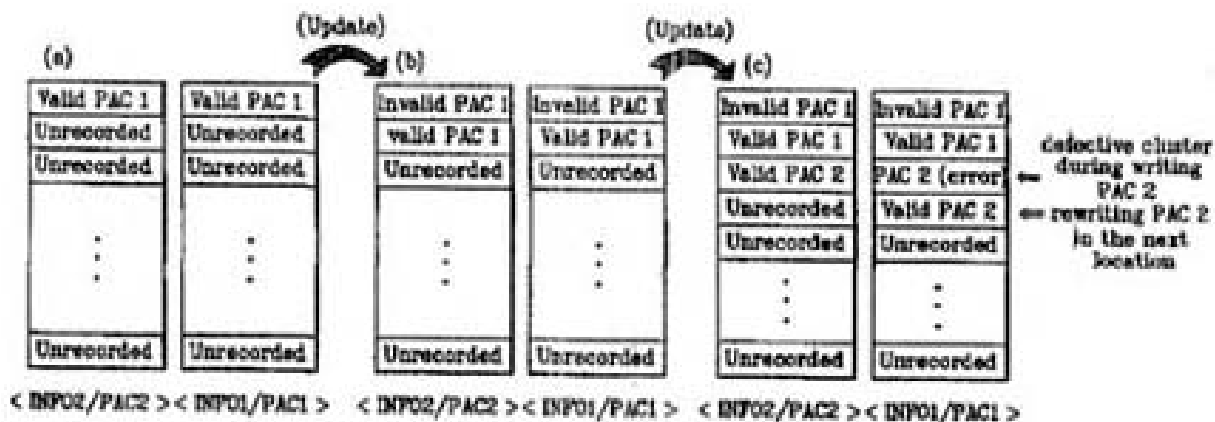
(51) International classification	:G11B7/00; G11B7/00	(71)Name of Applicant :
(31) Priority Document No	:60/554,356	1)LG ELECTRONICS INC
(32) Priority Date	:19/03/2004	Address of Applicant :20,YODIO-DONG,YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000592	(72)Name of Inventor :
Filing Date	:03/03/2005	1)PARK YOUNG CHEOL
(87) International Publication No	:WO2005/089072 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 58

No of Claims : 26

(57) Abstract :

A recording medium, such as a high-density and/or optical recording medium including at least one physical access control (PAC) cluster recorded thereon, and apparatus and methods for recording to and reproducing from the recording medium, in order to improve data protection, data management and/or reproduction compatibility.



PAC status Bitmap	PAC 2 Zone	11	00	00	...	00
	PAC 1 Zone	11	00	00	...	00

PAC status Bitmap	PAC 2 Zone	10	11	00	...	00
	PAC 1 Zone	10	11	00	...	00

PAC status Bitmap	PAC 2 Zone	10	11	11	00	00	...	00
	PAC 1 Zone	10	11	10	11	00	...	00

(54) Title of the invention : DEVICE FOR ASPIRATING, MANIPULATING, MIXING AND DISPENSING NANO-VOLUMES OF LIQUIDS.

(51) International classification :B01L 3/02
 (31) Priority Document No :60/554,761
 (32) Priority Date :19/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/009013
 Filing Date :17/03/2005
 (87) International Publication No :WO2005/091993 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KAHATT ESPIR

Address of Applicant :6430 LA VANCO,COURT,CARLSBAD, CA92009 U.S.A.

(72)Name of Inventor :

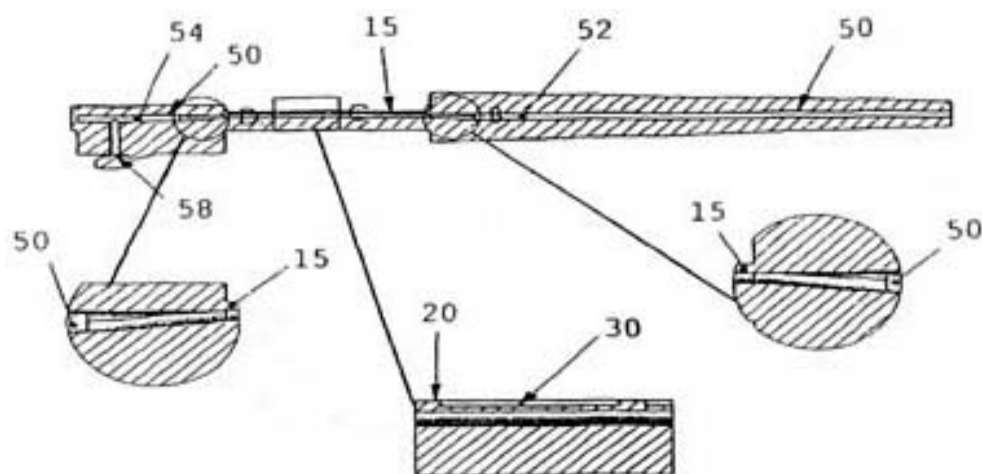
1)KAHATT ESPIR

No of Pages : 32

No of Claims : 11

(57) Abstract :

A pipettor device and pipette tip for aspirating, mixing, manipulating and dispensing nano-volumes of fluid comprising a directed gas flow along the exterior tip surface to assist in dispensing the liquid.



(54) Title of the invention : TOOTHBRUSH

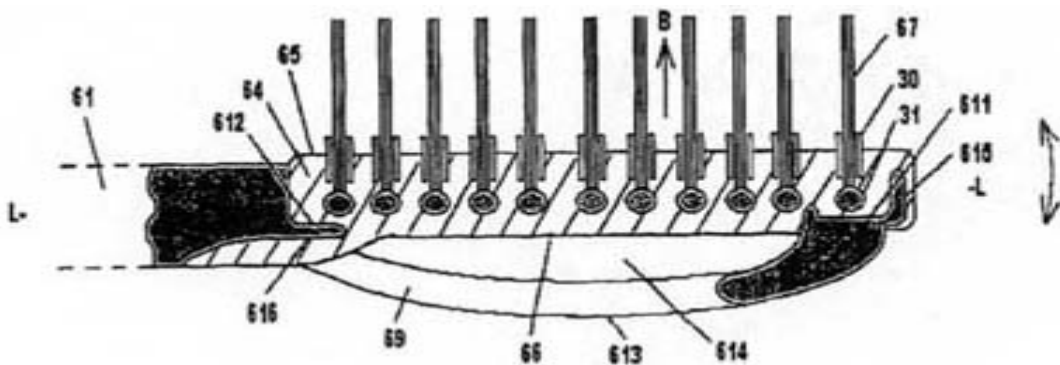
(51) International classification	:A46B3/20; A46B7/06	(71)Name of Applicant :
(31) Priority Document No	:0405314.6	1)GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO.KG
(32) Priority Date	:09/03/2004	Address of Applicant :BUSSMATTEN 1 77815 BUEHL (BADEN)
(33) Name of priority country	:U.K.	Germany
(86) International Application No	:PCT/EP2005/002471	(72)Name of Inventor :
Filing Date	:07/03/2005	1)CLOS THOMAS
(87) International Publication No	:WO2005/084486 A1	2)KRAEMER HANS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 20

(57) Abstract :

A toothbrush head comprising a flexible bristle carrier such as an elastomer or gel pad or flexibly linked segments, on which bristles are mounted, with a support which supports the carrier at its base near the handle and at the opposite tip part, leaving the carrier unsupported thereby in a region longitudinally between these parts, the carrier being flexible such that it can deform under the forces of toothbrushing so that both its longitudinal and widthways sections become distorted. Preferably the support is also flexible.



(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING BAG WITH MOUTH MEMBER.

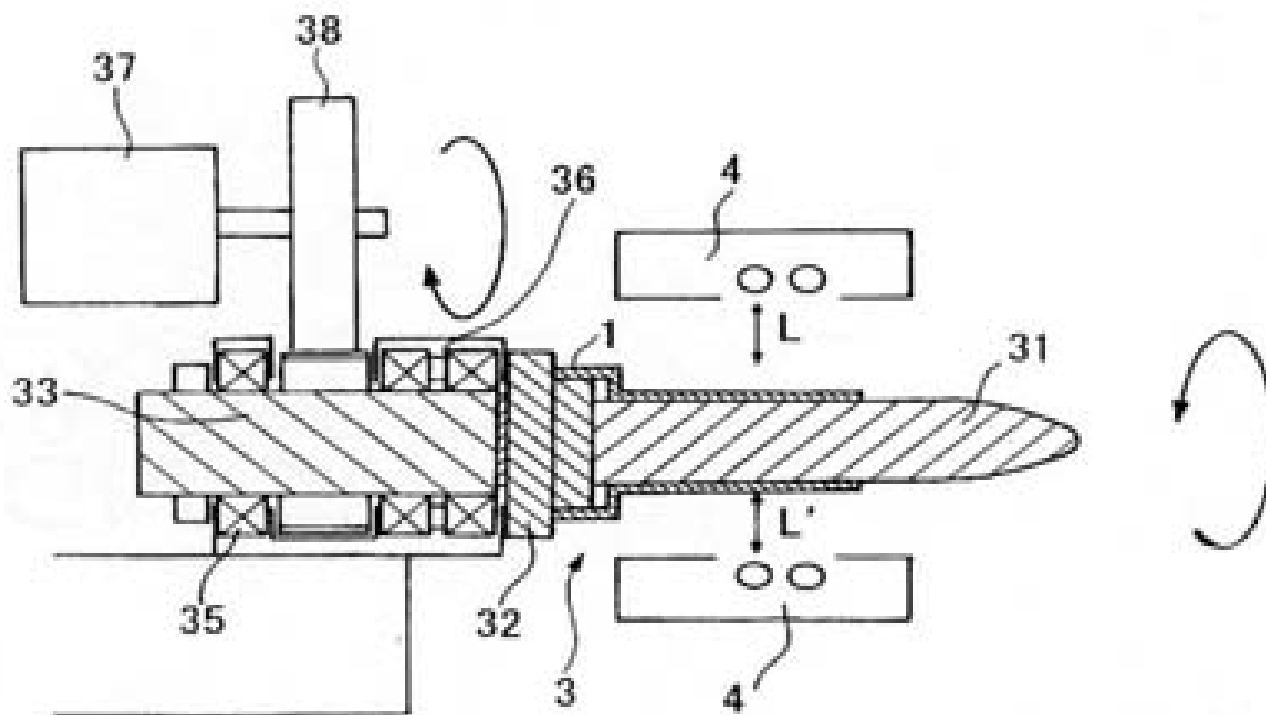
(51) International classification	:A61J1/00; A61J1/05	(71)Name of Applicant :
(31) Priority Document No	:2004-097452	1)SHOWA DENKOPLASTIC PRODUCTS
(32) Priority Date	:30/03/2004	Address of Applicant :9-10 NIHONBASHI HORIDOME-CHO 1-
(33) Name of priority country	:Japan	CHOME CHUO-KU,TOKYO Japan
(86) International Application No	:PCT/JP2005/006526	(72)Name of Inventor :
Filing Date	:28/03/2006	1)MIZUO TAKAYUKI
(87) International Publication No	:WO2005/095089	2)NAKAGAWA TERUAKI
	A1	3)MATSUMOTO NOBUHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 12

(57) Abstract :

A method is provided for producing a bag with a mouth member (1) by liquid tightly melt-bonding a mouth member (1) comprising a thermoplastic resin and a bag unit comprising a relatively soft flexible film (2), in which uniform surface temperature of the mouth member (1) is realized, generation of an A-shaped gap (2'2) is prevented, and a bag with a mouth member (1) excellent in the liquid tightness of the melt bonded part between the mouth member (1) and the bag unit is produced; and also a production apparatus therefore is provided. The method comprises a preheating step of heating a tubular mouth member (1) while rotating it around the cylinder axis thereof, and a melt-bonding step of inserting the heated mouth member (1) into the opening part of a bag unit and pressing, and thereby melt-bonding the mouth member (1) to the opening part of the bag unit.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2635/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : UTILIZATION OF ACETIC ACID REACTION HEAT IN OTHER PROCESS PLANTS.

(51) International classification	:C07C 51/25	(71)Name of Applicant :
(31) Priority Document No	:10/802,506	1)CELANESE INTERNATIONAL CORPORATION
(32) Priority Date	:17/03/2004	Address of Applicant :1601 West LBJ Freeway,Dallas,Texas 75234
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/005997	(72)Name of Inventor :
Filing Date	:24/02/2005	1)BHASKARAN,SUBRAMANIAN
(87) International Publication No	:WO2005/092829 A1	2)SEKAR,ANGADU,KRISHNAMOORTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 20

(57) Abstract :

Integrated processes and systems for producing acetic acid and vinyl acetate are provided. In the processes and systems, a portion of the heat produced during the production of the acetic acid is transferred to the vinyl acetate production and/or purification process and system to facilitate production and/or purification of the vinyl acetate product. The process and systems described herein are useful in conjunction with any of the various known processes for the production of acetic acid and vinyl acetate. The heat of the acetic acid production reaction may be transferred to the vinyl acetate production system by any suitable heat transfer processes and systems. The heat may be provided to the purification section at a variety of locations in the vinyl acetate production and purification systems, depending on the specific configuration of the system to which the processes and systems. The process and systems described herein are useful to provide cost and energy savings in vinyl acetate production processes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2636/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : REMOVAL OF PERMANGANATE REDUCING COMPOUNDS FROM METHANOL CARBONYLATION PROCESS STREAM.

(51) International classification :C07C 51/42
(31) Priority Document No :10/708,420
(32) Priority Date :02/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006092
Filing Date :24/02/2005
(87) International Publication No :WO2005/085166 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 West LBJ Freeway,Dallas,Texas 75234
U.S.A.
(72)Name of Inventor :
1)SCATES,MARK O.
2)TRUEBA,DAVID A
3)ZINOBI,RAYMOND

No of Pages : 22

No of Claims : 41

(57) Abstract :

An improvement of the methanol carbonylation process for manufacturing acetic acid is disclosed. Specifically disclosed is a method for reducing the formation of alkyl iodides and C_j carboxylic acids by removing permanganate reducing compounds ("PRC's") from the light phase of the condensed light ends overhead stream, including (a) distilling the light phase to yield a PRC enriched overhead stream; and (b) extracting the third overhead stream with water in at least two consecutive stages and separating therefrom one or more aqueous streams containing PRC's.

(54) Title of the invention : PROCESS FOR PRODUCING ACETIC ACID.

(51) International classification	:C07C 51/10
(31) Priority Document No	:10/708,423
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006001
Filing Date	:24/02/2005
(87) International Publication No	:WO2005/085163 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CELANESE INTERNATIONAL CORPORATION
 Address of Applicant :1601 West LBJ Freeway,Dalias,Texas 75234
 U.S.A.

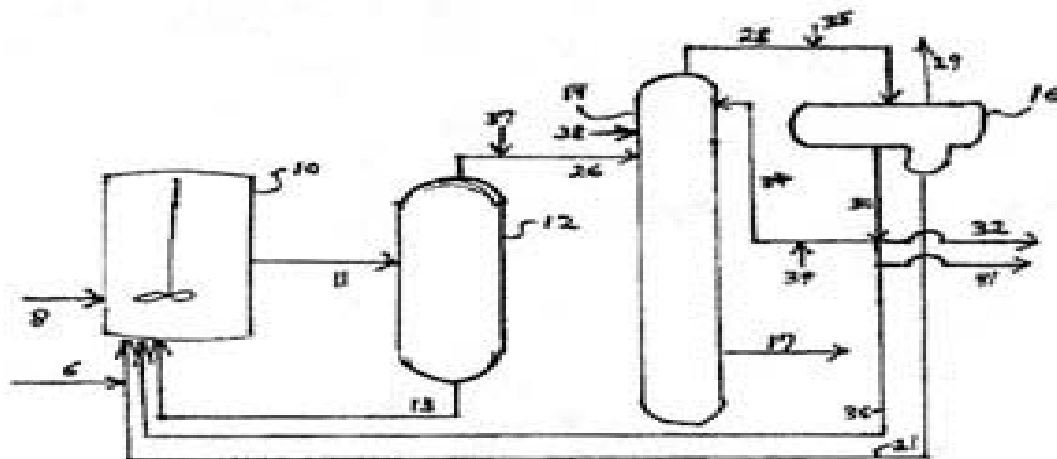
(72)**Name of Inventor :**
1)SCATES,MARK D,
2)TRUEBA,DAVID.A.

No of Pages : 13

No of Claims : 14

(57) Abstract :

An improved process is disclosed for producing acetic acid, including the following steps: reacting a carbonylatable reactant such as methanol, methyl acetate, methyl formate or dimethyl ether with carbon monoxide in a reaction medium containing water, methyl iodide, and a catalyst to produce a reaction product that contains acetic acid; separating the reaction product to provide a volatile phase containing acetic acid, water, and methyl iodide and a less volatile phase; distilling the volatile phase to produce a purified acetic acid product and a first overhead containing water, methyl acetate, and methyl iodide; phase separating the first overhead to provide a first liquid phase containing water and a second liquid phase containing methyl iodide; and adding dimethyl ether to the process in an amount effective to enhance separation of the first overhead to form the first and second liquid phases.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2638/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : REMOVAL OF PERMANGANATE REDUCING COMPOUNDS FROM METHANOL CARBONYLATION PROCESS STREAM.

(51) International classification	:C07C 51/42
(31) Priority Document No	:10/708,421
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005786
Filing Date	:24/02/2005
(87) International Publication No	:WO 2005/087699
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 WEST LBJ FREEWAY, DALLAS,
TEXAS 75234 U.S.A.

(72)**Name of Inventor :**
1)PICARD, WAYNE,D.
2)SCATES,MARK,O.
3)TALANCON, JOSE, J. ARTURO,
4)TRUEBA, DAVID, A.
5)ZINOBILO, RAYMOND,J,

No of Pages : 22

No of Claims : 36

(57) Abstract :

An improvement of the methanol carbonylation process for manufacturing acetic acid is disclosed. Specifically disclosed is a method for removing permanganate reducing compounds ("PRCS") from the condensed light ends overhead stream, including (a) distilling at least a portion of the condensed light ends overhead to yield a PRC enriched second overhead steam;(b) extracting the second overhead stream with water and separating therefrom an aqueous stream containing PRC"s; and (c) returning at least a portion of the extracted second overhead to the second distiller.

(54) Title of the invention: AUTOMATED APPARATUS AND SYSTEM FOR COOKING, DRYING, PEELING AND PROCESSING SHELLFISH PRODUCTS.

(51) International classification :A22C29/02;
A22C29/00
(31) Priority Document No :10/779,872
(32) Priority Date :17/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004811
Filing Date :16/02/2005
(87) International Publication No :WO2005/079409 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

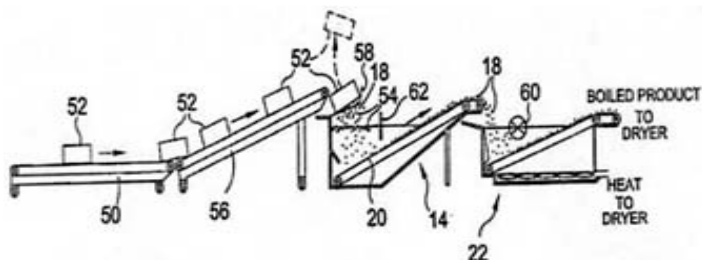
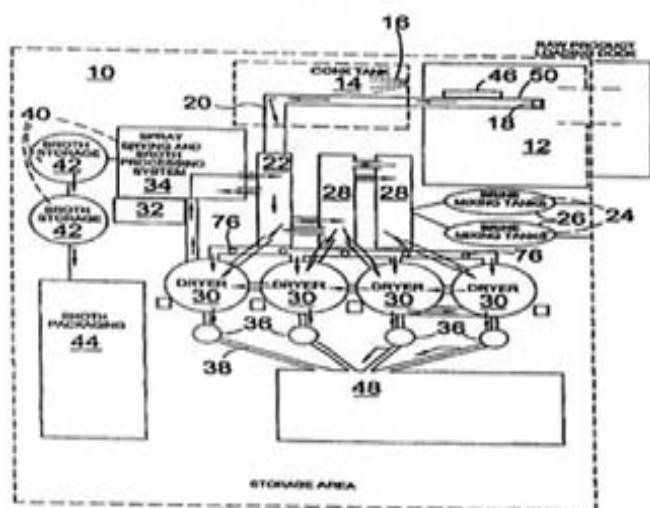
(71)Name of Applicant :
1)HULIN,MICHAEL,J.
Address of Applicant :3501 Highway 319,cypremont point,LA 70538
U.S.A.
(72)Name of Inventor :
1)HULIN,MICHAEL,J.

No of Pages : 40

No of Claims: 91

(57) Abstract :

A fully automated apparatus and system for processing shellfish such as shrimp and crawfish including the cooking, drying and peeling thereof The present invention utilizes excessive heat generated by boilers and the like to heat the dryers. The product is cooked in a brine mix that once used is transferred to a broth processing system to make a seafood flavored broth and is also injected as a fine mist into a furnace where is crystallizes into a solid product to be used as a seafood flavored salt.



(54) Title of the invention: METHOD FOR EFFICIENTLY PRODUCING AN AROMATIC POLYCARBONATE.

(51) International classification	:C08G 64/40	(71)Name of Applicant :
(31) Priority Document No	:2004-176205	1)Asahi Kasei Chemicals Corporation
(32) Priority Date	:14/06/2004	Address of Applicant :1-2,yuraku-cho 1-chome, Chiyoda-ku,Tokyo
(33) Name of priority country	:Japan	100-8440 Japan
(86) International Application No	:PCT/JP2005/010854	(72)Name of Inventor :
Filing Date	:14/06/2005	1)Shinsuke FUKUOKA
(87) International Publication No	:WO2005/121211	2)Hiroshi HACHIYA
	A1	3)Kazuhiko MATSUZAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 121

No of Claims : 11

(57) Abstract :

It is a task of the present invention to provide a method which enables the production of a high quality, high performance aromatic polycarbonate (which is colorless and has excellent mechanical properties) from a molten aromatic polycarbonate prepolymer obtained from an aromatic dihydroxy compound and a diaryl carbonate, wherein the polycarbonate can be stably produced on a commercial scale at 1 to 50 t/hr for a long time without the need for a large amount of an inert gas. In the present invention, this task has been accomplished by a method for producing an aromatic polycarbonate by the melt transesterification process, in which the prepolymer is caused to absorb a specific amount of an inert gas, followed by polymerization using a guide-wetting fall polymerizer device having a specific structure, whereby a high quality, high performance aromatic polycarbonate as mentioned above can be stably produced on a commercial scale at 1 to 50 t/hr for a long time {more than several thousand hours, e.g., as long as 5,000 hours) without fluctuation of the molecular weight thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2641/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 13/09/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: IMPROVED METHOD FOR PRODUCING AN AROMATIC POLYCARBONATE.

(51) International classification	:C08G 64/40	(71)Name of Applicant :
(31) Priority Document No	:2004-176204	1)Asahi Kasei Chemicals Corporation
(32) Priority Date	:14/06/2004	Address of Applicant :1-2,yuraku-cho 1-chome, Chiyoda-ku,Tokyo
(33) Name of priority country	:Japan	100-8440 Japan
(86) International Application No	:PCT/JP2005/010841	(72) Name of Inventor:
Filing Date	:14/06/2005	1) Shinsuke FUKUOKA
(87) International Publication No	:WO2005/121210	2)Hiroshi HACHIYA
	A1	3)Kazuhiko MATSUZAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 92

No of Claims : 10

(57) Abstract :

It is a task of the present invention to provide a method for producing a high quality, high performance aromatic polycarbonate (which is colorless and has excellent mechanical properties) from a molten aromatic polycarbonate prepolymer obtained by reacting an aromatic dihydroxy compound with a diaryl carbonate, wherein the polycarbonate can be stably produced on a commercial scale at 1 to 50 t/hr for a long time. In the present invention, this task has been accomplished by a method for producing an aromatic polycarbonate by the melt transesterification process, in which the pre-polymer is polymerized by a guide-wetting fall polymerizer device having a specific structure, whereby a high quality, high performance aromatic polycarbonate as mentioned above can be stably produced on a commercial scale at 1 to 50 t/hr for a long time (more than several thousand hours, e.g., more than 5,000 hours) with-out fluctuation of the molecular weight thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2642/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 13/09/2006

(43) Publication Date: 01/06/2007

(54) Title of the invention: POLYMERIZER DEVICE FOR PRODUCING AN AROMATIC POLYCARBONATE.

(51) International classification	:C08G 64/20	(71)Name of Applicant :
(31) Priority Document No	:2004-178916	1)Asahi Kasei Chemicals Corporation
(32) Priority Date	:16/06/2004	Address of Applicant :1-2,yuraku-cho 1-chome, Chiyoda-ku,Tokyo
(33) Name of priority country	: Japan	100-8440 Japan
(86) International Application No	:PCT/JP2005/011029	(72)Name of Inventor :
Filing Date	:16/06/2005	1)Shinsuke FUKUOKA
(87) International Publication No	:WO2005/123805	2)Hiroshi HACHIYA
	A1	3)Kazuhiko MATSUZAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 109

No of Claims : 10

(57) Abstract:

It is a task of the present invention to provide a polymerizer device and a polymerizer system which enable the production, by melt transesterification, of a high quality, high performance aromatic polycarbonate (which is colorless and has excellent mechanical properties) from a molten aromatic polycarbonate prepolymer obtained by reacting an aromatic dihydroxy compound with a diaryl carbonate, wherein the polycarbonate can be stably produced on a commercial scale at 1 to 50 t/hr for a long time. In the present invention, this task has been accomplished by a guide-wetting fall polymerizer device (in which a molten prepolymer is allowed to fall along and in contact with a guide, thereby effecting polymerization of the prepolymer) having a specific structure and a polymerizer system comprising such devices. That is, the device and the system have enabled the stable production of a high quality, high performance aromatic polycarbonate as mentioned above at 1 to 50 t/hr for a long time (more than several thousand hours, e.g., as long as 5,000 hours) without fluctuation of the molecular weight thereof.

(54) Title of the invention: METHOD FOR STABLE PRODUCING AN AROMATIC POLYCARBONATE.

(51) International classification	:C08G 64/40	(71)Name of Applicant :
(31) Priority Document No	:2004-176206	1)Asahi Kasei Chemicals Corporation
(32) Priority Date	:14/06/2004	Address of Applicant :1-2,yuraku-cho 1-chome, Chiyoda-ku,Tokyo
(33) Name of priority country	:Japan	100-8440 Japan
(86) International Application No	:PCT/JP2005/010860	(72)Name of Inventor :
Filing Date	:14/06/2005	1)Ichiro KAKIHARA
(87) International Publication No	:WO2005/121212	2)Hiroshi HACHIYA
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 58

No of Claims : 5

(57) Abstract:

A method for stably producing an aromatic polycarbonate, which comprises continuously reacting an aromatic dihydroxy compound with a diaryl carbonate in a closed, reactor-pipeline system, the closed, reactor-pipeline system comprising: a plurality of reactors which are liquid-tightly connected through a pipeline toward an outlet for a final aromatic polycarbonate product, the pipeline comprising one or more pipes, wherein the plurality of reactors include at least two reactors connected in series, and at least one filter secured in the pipe or pipes of the reactor-pipeline system, wherein the or each filter is simultaneously or separately taken out to the outside of the reactor-pipeline system and subjected to washing in the outside of the reactor-pipeline system, followed by returning of the resultant washed filter into the inside of the pipe or pipes of the reactor-pipeline system, the washing being performed with the below-mentioned washing agents used in the following order: an aqueous solution of a basic compound, an aromatic monohydroxy compound, and a molten mixture of an aromatic dihydroxy compound and a diaryl carbonate, the molten mixture containing a" basic compound.

(54) Title of the invention: ARRANGEMENT HAVING AN ELECTRIC MOTOR AND A MAIN PRINTED CIRCUIT BOARD, AND AN ASSEMBLY METHOD.

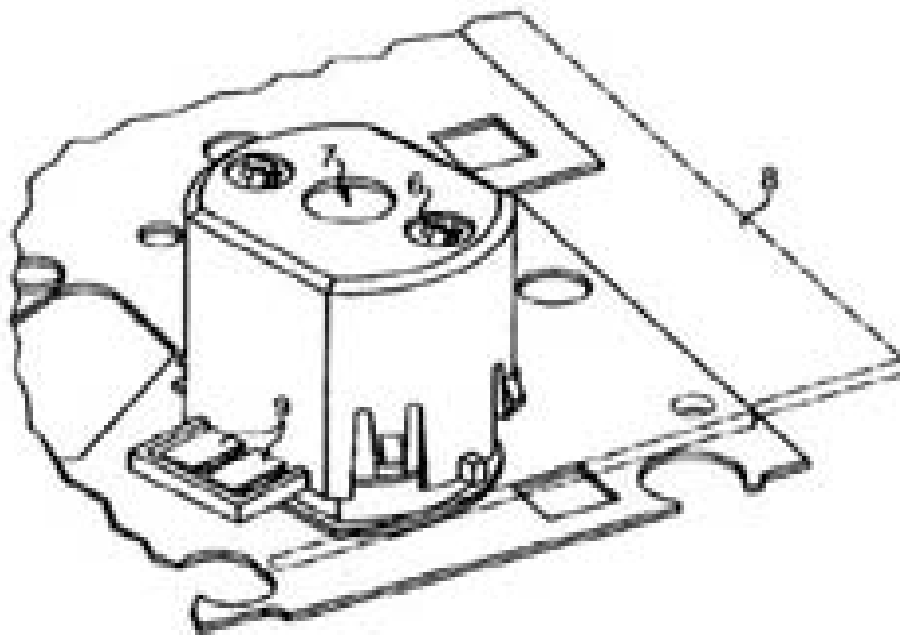
(51) International classification	:H05K 1/18	(71)Name of Applicant :
(31) Priority Document No	:102004014137.1	1)Siemens Aktiengesellschaft
(32) Priority Date	:23/03/2004	Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/051069	(72)Name of Inventor :
Filing Date	:10/03/2005	1)Heinz-Josef
(87) International Publication No	:WO2005/094145 A1	2)Torsten Wahler
(61) Patent of Addition to Application Number	:NA	3)Peter Wolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 17

No of Claims : 12

(57) Abstract:

The invention relates to a device provided with an electric motor (7) and a main printed circuit card (8) comprising contact points (12), wherein said electric motor comprises a housing and connecting contacts (6) which are conductively connected to said contact points (12), the housing has a first face and a second face opposite thereto, the connecting contacts (6) are mounted in the area of the housing face, the electric motor is arranged with respect to the main printed circuit card (6) in such a way that the second face is remote therefrom. A method for mounting the inventive device is also disclosed. Conventional devices of preceding techniques require important expenditures for mounting and functionality testing. The invention makes it possible to solve said problem in that the electroconductive connection (11) is embodied in flexion-resistant manner at least for torques which are oriented in a direction perpendicular to the longitudinal extension thereof.



(54) Title of the invention: PRINT METHOD.

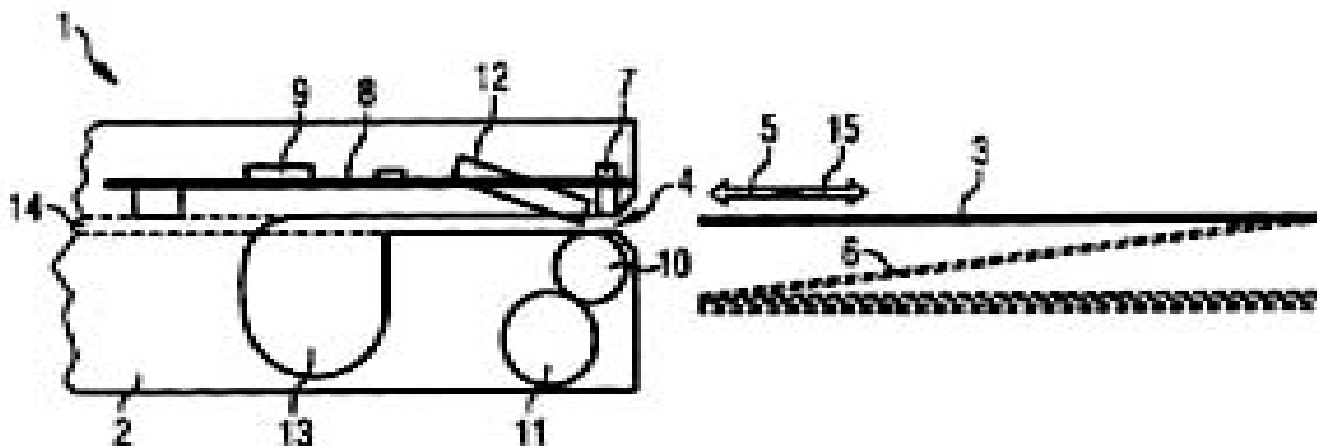
(51) International classification	:G07C5/10; G07C5/00	(71)Name of Applicant :
(31) Priority Document No	:102004013160.0	1)Siemens Aktiengesellschaft
(32) Priority Date	:17/03/2004	Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/051067	(72)Name of Inventor :
Filing Date	:10/03/2005	1)ADAMS Jurgen
(87) International Publication No	:WO2005/091231 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 13

No of Claims: 18

(57) Abstract:

The invention relates to an arrangement (1) with a printed (2), a method for printing on a print medium (3) and a print medium (3). In particular, on operation of a printed for a digital technograph in a motor vehicle, the input of the specification for the desired print is regularly time-consuming and error-prone due to the deep menu structure of the user guide. The invention provides a solution whereby the print medium (3), in addition to the size format, comprises an additional layout (21) and the print unit (12) of the printer (2) outputs a particular content of the impression on the print medium (3) depending on the embodiment thereof. The user can thus specify the desired content of the impression with section of a print medium (3) for an advantageous sectional introduction.



(54) Title of the invention: ARRANGEMENT HAVING A BATTERY.

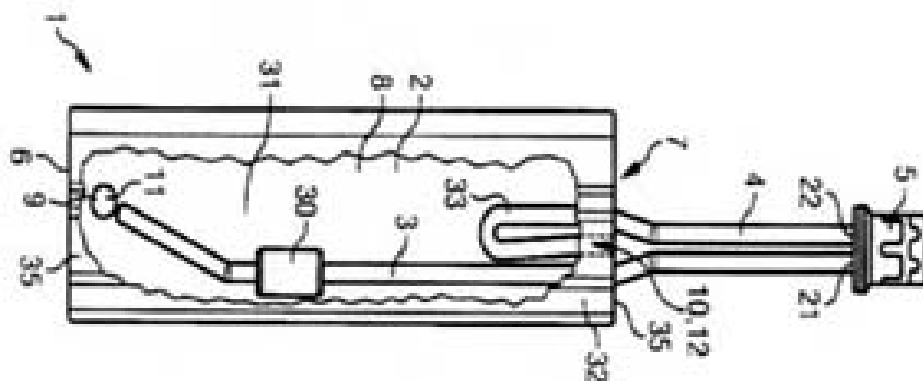
(51) International classification	:H01M2/00; H01M2/30	(71) Name of Applicant : 1)Siemens Aktiengesellschaft
(31) Priority Document No	:102004014136.3	Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany
(32) Priority Date	:23/03/2004	Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/051076	1)Helmut Bacic
Filing Date	:10/03/2005	2)ULF Bartholomaus
(87) International Publication No	:WO2005/093878 A2	3)Genhard Rombach
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 12

(57) Abstract :

The invention relates to a system (1) comprising a battery (2) provided with a first contact pole (9), a second contact pole (10) and two connection lines (3, 4) each of which comprises the first (11) and second (12) ends associated with the contact pole (9, 10) in such a way that one end is electrically connected to the pole on the first end (11, 12) and the other is connectable to a user on the second end (21, 22). In the presence of dangerous products, conventional systems involve short circuit risks resulting from inadmissible temperature development. The invention provides with a remedy in which the first end (11) of the connection line (3) is assigned to the end of the first contact pole (9) and a constant-ohmic resistance (30) is electrically connected to the first contact pole (9).



(54) Title of the invention: MEASUREMENT VALUE LOWERING INHIBITOR FOR IMMUNOASSAY METHOD AND IMMUNOASSAY METHOD USING THE SAME.

(51) International classification	:G01N33/531;G01N33/53	(71)Name of Applicant :
(31) Priority Document No	:2004-951184	1)DENKA SEIKEN CO.LTD
(32) Priority Date	:26/02/2004	Address of Applicant :4-2 Nihonbashikayabacho 3-chome,choo-ku
(33) Name of priority country	: Japan	Tokyo 103-0025 Japan
(86) International Application No	:PCT/JP2005/003135	(72)Name of Inventor :
Filing Date	:25/02/2005	1)MINAKAWA Yasunori
(87) International Publication No	:WO2005/086594 A2	2)SAITO Michie
(61) Patent of Addition to Application Number	:NA	3)MATSUI Hiroshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 20

(57) Abstract:

Disclosed is an agent for inhibiting decrease in measured values in immunoassays, which may reduce the influences by interfering substances in a test sample so as to promote the accuracy of the immunoassays, as well as an immunoassay and a reagent for immunoassays using the same, with which the decrease in the measured values due to the interfering substances is reduced. The agent for inhibiting decrease in measured values in immunoassays, caused by interfering substances, is an ionic surfactant having a molecular weight of 1000 to 100,000, the agent being a polymer in which a hydrophobic cyclic monomer(s) having an ionic functional group(s) is (are) polymerized.

(54) Title of the invention: INTELLIGENT SEARCH AND RETRIEVAL SYSTEM AND METHOD.

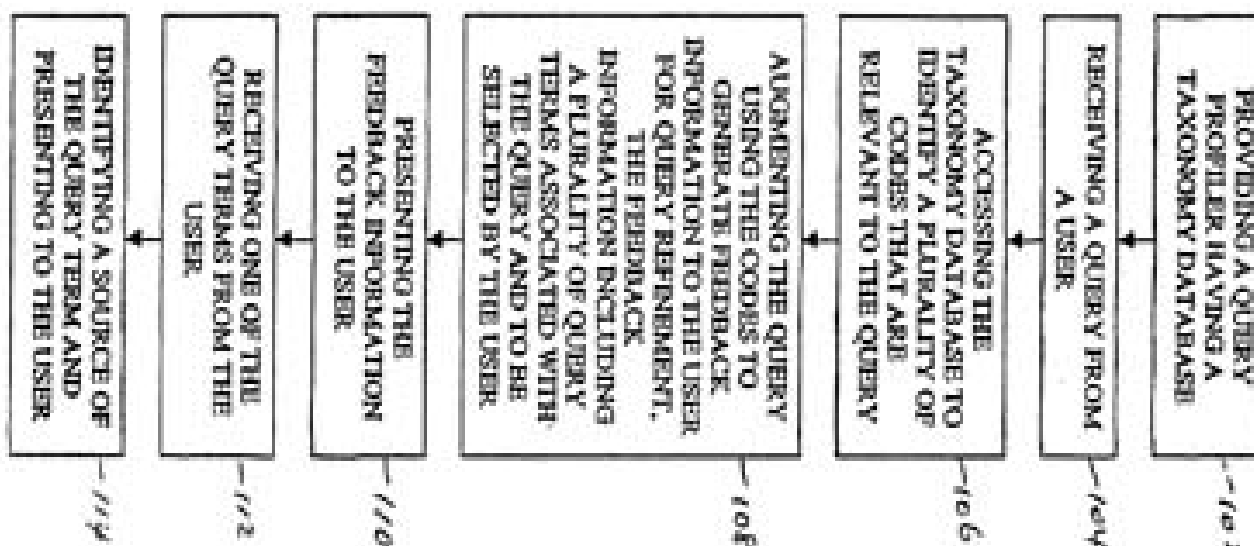
(51) International classification	:G06F17/30; G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:60/546,658	1)DOW JONES RETUERS BUSINESS INTERACTIVE,LLC
(32) Priority Date	:20/02/2004	Address of Applicant :U.S.Route One and Ridge Road P.O.Box 300
(33) Name of priority country	:U.S.A.	Princeton,New Jersey 08543-0300 U.S.A U.S.A.
(86) International Application No	:PCT/US2005/005432	(72)Name of Inventor :
Filing Date	:18/02/2005	1)Peter M.Cipollone
(87) International Publication No	:WO2005/083597 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 12

(57) Abstract :

An intelligent search and retrieval system and method is provided to allow an end-user effortless access yet most relevant, meaningful, up-to-date, and precise search results as quickly and efficiently as possible. The method may include providing a query profiler having a taxonomy database; receiving a query from a user; accessing the taxonomy database of the query profiler to identify a plurality of codes that are relevant to the query; augmenting the query using the codes to generate feedback information to the user for query refinement, the feedback information including a plurality of query terms associated with the query and to be selected by the user; presenting the feedback information to the user, receiving one of the query terms from the user; and identifying a source of the query term and presenting to the user. The system may include a query profiler having a taxonomy database to be accessed upon receiving a query from a user, which identifies a plurality of codes that are relevant to the query; means for augmenting the query using the codes to generate feedback information to the user for query refinement, the feedback information including a plurality of query terms associated with the query and to be selected by the user; and means for identifying a source of the query terms, upon receiving one of the query terms from the user.



(54) Title of the invention: COMPOSITIONS USEFUL AS FABRIC SOFTENERS.

(51) International classification	:C11D 3/00	(71)Name of Applicant :
(31) Priority Document No	:60/549,383	1)OPTIMER,INC
(32) Priority Date	: 02.03.2004	Address of Applicant :403 MARSH LANE, WILMINGTON,
(33) Name of priority country	:U.S.A.	DELAWARE 19804 UNITED STATES OF AMERICA, A US COMPANY.
(86) International Application No	:PCT/US2005/004979	U.S.A.
Filing Date	:17/02/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/079439	1)MOORE,JOHN,
(61) Patent of Addition to Application Number	:NA	2)MOORE,CHRISTOPHER,S.
Filing Date	:NA	3)LILIETHAL,CASSIE M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 36

(57) Abstract :

Compositions and methods of treating textiles are disclosed. More specifically, stable compositions and methods for softening a wide range of fabrics are disclosed, including 100% cotton and hydrophobic synthetic fabrics, without detrimentally affecting the water absorbency properties of the fabrics. The compositions and methods provide desirable odor control without interfering with the stability of the product. The compositions contain at least one fatty material, water-dispersible polyolefin or at least one water-soluble or waterdispersible polyorganosiloxane, and at least one bleaching agent, preferably hydrogen peroxide. The compositions may optionally contain discrete, individual polymer particles, preferably polytetrafluoroethylene (PTFE), polyvinyl acetate (PVA), polyvinyl acetate/acrylic copolymer (PVA/a), or a combination thereof. The compositions are particularly useful when added to the rinse water in the laundering process, or in the final scouring of a fabric finishing operation.

(54) Title of the invention: INDANOL DERIVATIVE.

(51) International classification :C07D 413/06
 (31) Priority Document No :2004-049255
 (32) Priority Date :25/02/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/003545
 Filing Date :24/02/2005
 (87) International Publication No :WO/2005/080385
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

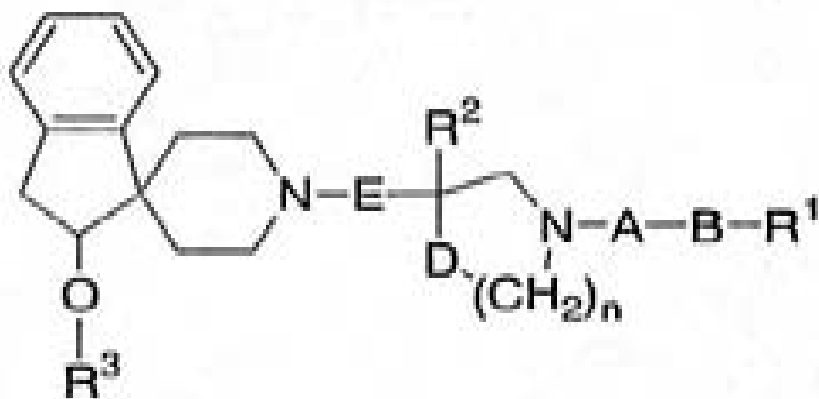
(71)Name of Applicant :
1)SANKYO COMPANY, LIMITED,
 Address of Applicant :5-1,NIHONBASHI HONCHO 3-CHOME,
 CHUO-KU, TOKYO 103-8426,JAPAN Japan
 (72)Name of Inventor :
1)TANAHIDE NISHI,
2)TOSHIYASU TAKEMOTO,
3)TAKUYA IKEDA,
4)KIYOSHI MORIMOT

No of Pages : 203

No of Claims : 35

(57) Abstract :

Disclosed is a compound represented by the general formula (I) below which is useful as a neurokinin receptor antagonist. [In the above formula, R¹ and R² respectively represent an optionally substituted (hetero) aryl group; R³ represents -CO-R, -CO-O-R or the like; R represents an alkyl group, cycloalkyl group or the like; A represents CH₂, CO or SO₂; B represents a single bond or the like; D represents an oxygen atom or CH₂; E represents an alkylene group or alkenylene group; and n represents an integer of 1-3.]



(54) Title of the invention: ADDRESS RESOLUTION DEVICE, ADDRESS RESOLUTION METHOD, AND COMMUNICATION SYSTEM INCLUDING THE SAME.

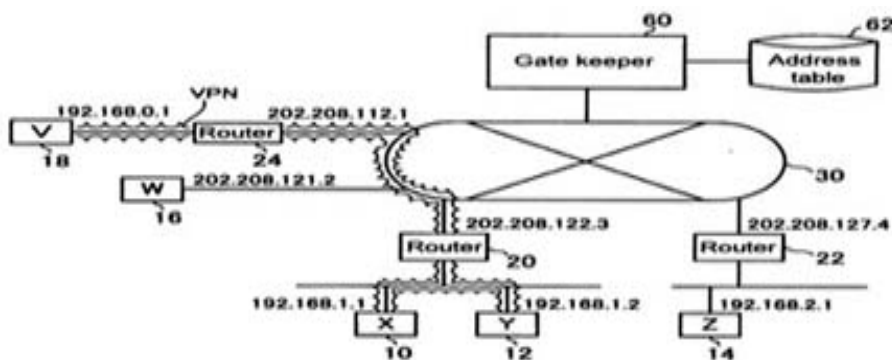
(51) International classification	:H04L12/56; H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:2004-040411	1)GINGANET CORPORATION
(32) Priority Date	:17/02/2004	Address of Applicant :2-14 UEHONMACHI 5-CHOME, TENNOFI-KU, OSAKA-SHI, OSAKA 5730001,JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP05/001071	1)SAHASHI,NOZOMU;
Filing Date	:27/01/2005	2)Murakami, naota;
(87) International Publication No	:WO2005/079023	3)KOBAYASHI,KENJI;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 80

No of Claims : 18

(57) Abstract :

ADDRESS RESOLUTION DEVEICE, ADDRESS RESOLUTION METHOD, AND COMMUNICATION SYSTEM INCLUDING THE SAME An address resolution device provides seamless communications without being conscious of which address should be used for the communication when an opponent party is assigned both an external address and an internal address and dynamically accommodates against changes in connection status. A gate deeper 60 has an address table 62 with which global addresses (GA), private addresses (PA), and grouping IDs (GID) can be registered. During address registration, the gate keeper 60 registers the address of a communication packet into the global addresses, the address assigned to the terminal into the private addresses, and if available, a grouping ID into grouping IDs. During address notification, the gate keeper 60 consults the address table to notify the caller terminal of the callee terminal private addresses when the caller terminal and the callee terminal private addresses when the callee terminal and the caller terminal have the same grouping ID or when they have the same global address. Otherwise, the gatekeeper notifies the caller terminal of the callee terminal global address.



Address table

User identifier	Global IP address	Grouping ID	Port	Private IP address
V	202.208.112.1	1	1720	192.168.0.1
W	202.208.121.2	null	1720	null
X	202.208.122.3	1	1720	192.168.1.1
Y	202.208.122.3	1	50020	192.168.1.2
Z	202.208.127.4	null	1720	192.168.2.1
...	...	...	...	...

(54) Title of the invention: CYCLIC AMINE COMPOUND AND PEST CONTROL AGENT.

(51) International classification :C07D 401/04
 (31) Priority Document No :2004-1006668
 (32) Priority Date :31/03/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/006887
 Filing Date :30/03/2005
 (87) International Publication No :WO 2005/095380
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

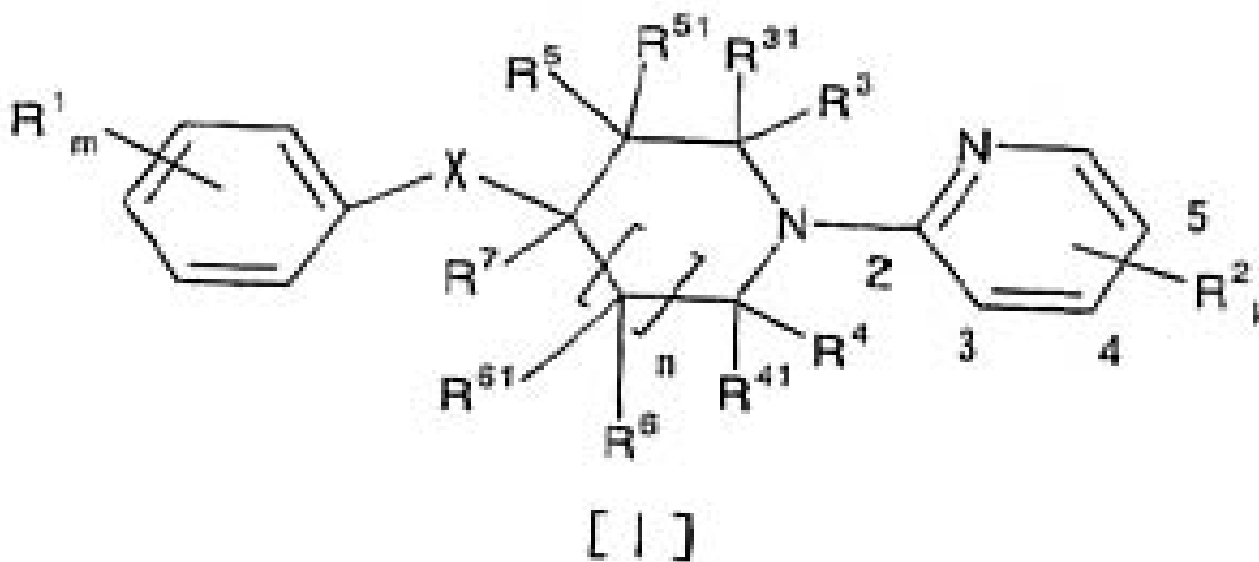
(71)Name of Applicant :
1)NAHON SODA CO,LTD.
 Address of Applicant :2-1,OHTEMACHI 2-CHOME, CHIYODA-KU,
 TOKYO,JAPAN Japan
 (72)Name of Inventor :
1)HAMAMOT ISAMI
2)TAKAHASHI JUN
3)YANO MAKIO
4)HANAI DAISUKE
5)IWAS TAKAO

No of Pages: 175

No of Claims : 6

(57) Abstract:

A chemical compound represented by the formula [I]: (wherein R1 represents a hydroxyl group or the like, m represents 0 or an integer of 1 to 5, R2 represents a halogen atom or the like, k represents 0 or an integer of 1 to 4, R3, R31, R4, R41, R5, R51, R6, R61, and R7 each independently represents a hydrogen atom or the like, X represents an oxygen atom or the like, and n represents 0 or 1), a salt, an N-oxide of the chemical compound represented by formula [I], and a pest control agent containing the formula [I] as its active constituent.



(54) Title of the invention: METHOD AND APPARATUS FOR CHARACTERISING A THREE PHASE TRANSFORMER USING A SINGLE PHASE POWER SUPPLY

(51) International classification :G01R31/06;G01R31/02
 (31) Priority Document No :040918.5
 (32) Priority Date :04/03/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/000810
 Filing Date :03/03/2005
 (87) International Publication No :WO2005/085885 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

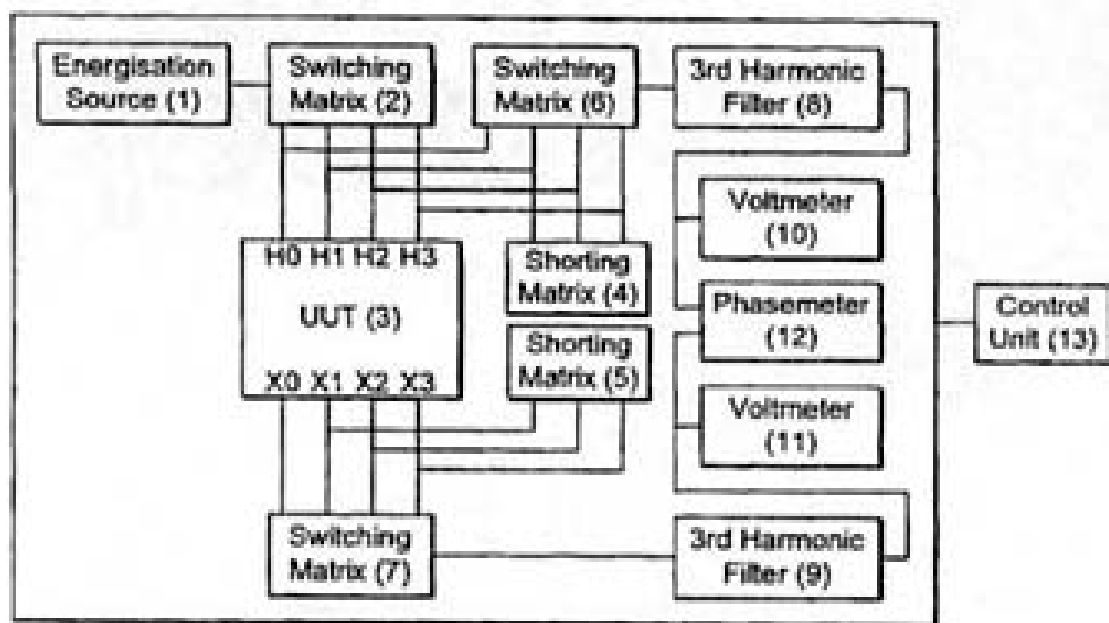
(71)Name of Applicant :
1)HUBBELL LIMITED
 Address of Applicant :160 ALDERSGATE STREET,LONDON EC1A
 4 DD U.K.
 (72)Name of Inventor :
1)FAWCETT,TIMOTHY,JAMES

No of Pages : 32

No of Claims : 18

(57) Abstract:

A method and apparatus for characterising a three-phase transformer (3) using a single phase power supply (1). Pairs of input terminals (H0-H3) of the transformer are sequentially energised for each energisation and the voltage between pairs of output terminals (x0-x3) of the transformer are measured. Measured voltages are processed in order to characterise the winding configuration of the transformer. Either simultaneously or subsequently the presence of neutrals on the primary and/or secondary side of the transformer are identified to enable the winding configuration to be further characterised. Subsequently any phase displacement of the transformer is determined. The apparatus comprises means (2) for selectively applying a single phase power supply (1) to pairs of terminals (H0-H3) on the transformer (3) and for measuring voltages between pairs of terminals (x0-x3) of the transformer and for measuring phase difference between the primary and secondary sides of the transformer all under automatic control of a control means (13) which includes a processing means to process measured voltages and phase differences in order to characterise the transformer.



(54) Title of the invention: BLOCK-RAMMING MACHINE.

(51) International classification :B29C59/00;
B29C59/00
(31) Priority Document No :10/800,170
(32) Priority Date :12/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007868
Filing Date :11/03/2005
(87) International Publication No :WO2005/089181 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

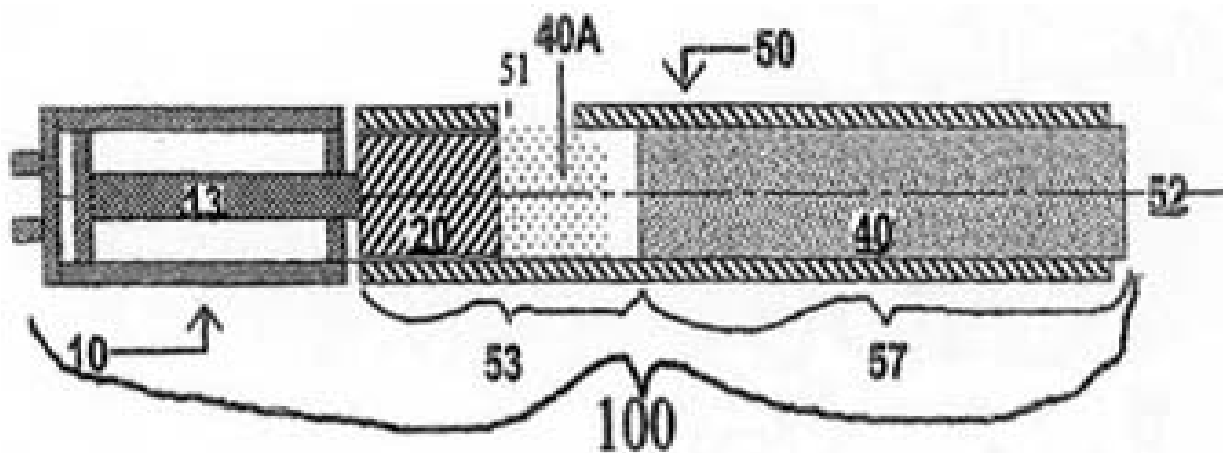
(71)Name of Applicant :
1)WILLIAMSON LAARY DON
Address of Applicant :RT#1,BOX28,RANGER,TX 76470 U.S.A.
(72)Name of Inventor :
1)WILLIAMSON LAARY DON

No of Pages : 43

No of Claims : 20

(57) Abstract:

In accordance with this invention a compaction unit (100) is provided that includes: (a) an elongated open-ended ramming chamber (50) having a fill port opening (51), a longitudinal bore (52), a compression end (53), and an extrusion end (57), (b) a ramming head (20) pushes material within compression end (53) of ramming chamber (50) along longitudinal bore (52), (c) a continuous homogeneous block (40) comprised of all previously compressed material occupies the bulk of the extrusion end (57) of ramming chamber (50), and functions as an integral part of the compaction unit (100), (d) a hydraulic cylinder (10) (part of an actuator) provides movement to ramming head (20) to compress the loose block-making material (40A) (e.g., earth) against block (40). This forms a new lift (40B) that is effectively fused with the previous lift (40C) to form a continuous homogeneous block (40) of relatively high-density material that exits the compaction unit (100). A shearing chamber (60) fractures the blocks to any desired length, while a support platform (70) supports and stores the blocks until utilized. A process is described that utilizes standard construction equipment and a modified lifting device to hoist and place the blocks within a building system. Additionally, a special design feature (22) is incorporated into ramming head (20) to increase the "frictional threshold" of the material being compressed within chamber (50).



(54) Title of the invention: AUTOGENIC LIVING SCAFFOLDS AND LIVING TESSUE MATRICES METHODS AND USES THEREOF.

(51) International classification	:C12N 5/08	(71)Name of Applicant :
(31) Priority Document No	:60/551,431	1)AHLFORS,JAN-ERIC,W
(32) Priority Date	:09/03/2004	Address of Applicant :HUGHES POINT,P.O.BOX 1915,ST JOHN'S
(33) Name of priority country	:U.S.A.	ANTIGUA AND BARBUDA U.S.A.
(86) International Application No	:PCT/IB2005/004091	(72)Name of Inventor :
Filing Date	:09/03/2005	1)AHLFORS,JAN-ERIC,W
(87) International Publication No	:WO2006/048783	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 91

No of Claims : 89

(57) Abstract :

A 3-dimensional structure comprising suitable cells (or entities) and the ECM (or matrix) that has been completely produced and arranged by these cells (or entities) that promotes the differentiation, dedifferentiation and/or transdifferentiation of cells and/or formation of tissue in vitro and in vivo, while at the same time promoting cell growth, proliferation, migration, acquisition of in vivo-like morphology, or combinations thereof, and that 1. provides structural and/or nutritional support to cells, tissue, organs, or combinations thereof, termed an "Autogenic Living Scaffold" (ALS); or 2. is capable of being transformed into a more complex tissue (or matrix) or a completely different type of tissue (or matrix), termed a "Living Tissue Matrix" (LTM). Autogenic means it is self-produced. The living cells that produce the LTM or ALS, or are added to Autogenic Living Scaffolds, may be genetically engineered or otherwise modified. The matrix component of the ALS or LTM provides a structural framework for cells that guide their direction of growth, enables them to be correctly spaced, prevents overcrowding, enables cells to communicate between each other, transmit subtle biological signals, receive signals from their environment, form bonds and contacts that are required for proper functioning of all cells within a unit such as a tissue, or combinations thereof. The ALS or LTM may thus provide proper or supporting mechanical and chemical environments, signals, or stimuli to other cells, to the cells that produce the ALS, to surrounding tissue at an implantation site, to a wound, for in vitro and ex vivo generation and regeneration of cells, tissue and organs, or combinations thereof. They may also provide other cells with nutrients, growth factors, and/or other necessary or useful components. They may also take in or serve as buffers for certain substances in the environment, and have also some potential at adapting to new environments.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 13/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention: COMBINATION THERAPIES WITH EPOTHILONES AND CARBOPLATIN.

(51) International classification	:A61K 31/28,A61K 31/427, C12Q 1/48	(71) Name of Applicant : 1)KOSAN BIOSCIENCES,INC Address of Applicant :3832,BAY CENTER PLACE HAYWARD,CA94545, U.S.A.
(31) Priority Document No	:60/556,856	(72) Name of Inventor :
(32) Priority Date	:26/03/2004	1)ZHOU,YIQING
(33) Name of priority country	:U.S.A.	2)JOHNSON,ROBERT,G.,JR
(86) International Application No	:PCT/US2005/009657	
Filing Date	:24/03/2005	
(87) International Publication No	:WO2005/098027 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 12

(57) Abstract :

A combination therapy of an epothilone and carboplatin is effective for treating tumors.

(54) Title of the invention: APERTURE ANTENNA ELEMENT.

(51) International classification :H01Q1/38; H01Q
 (31) Priority Document No :0401144-1
 (32) Priority Date :03/05/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000643
 Filing Date :03/05/2005
 (87) International Publication No :WO2005/107008 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

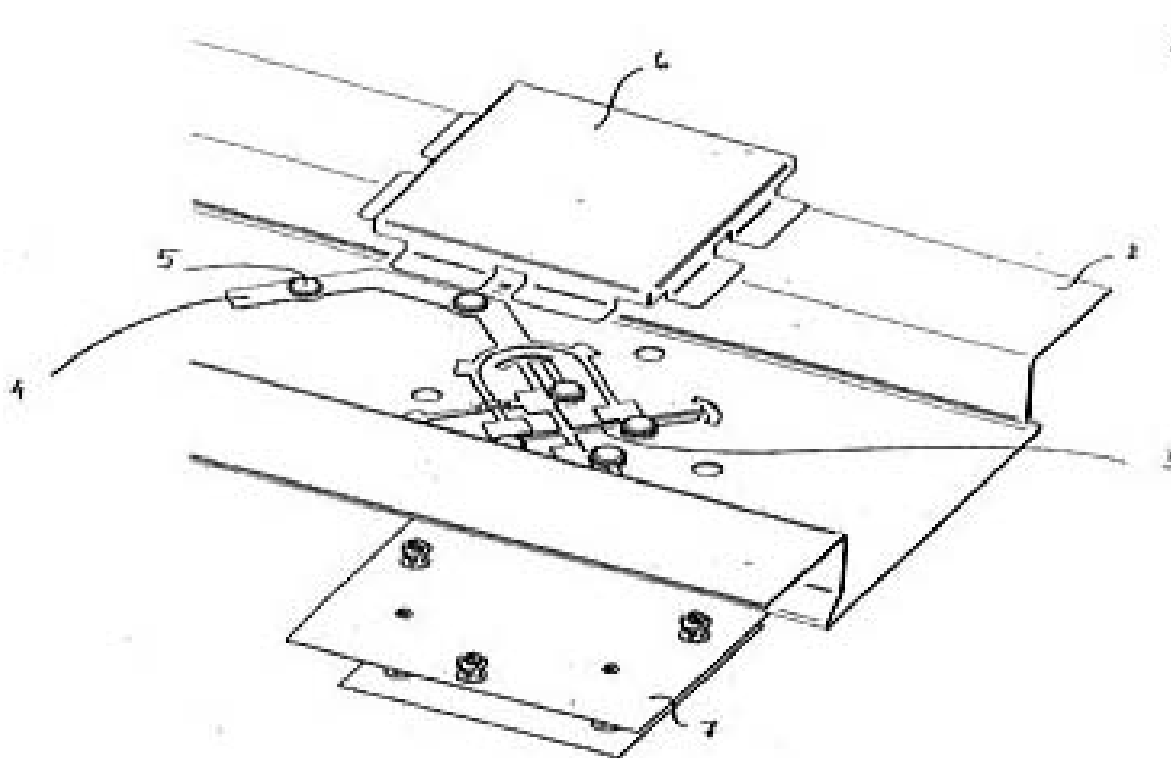
(71)Name of Applicant :
1)POWERWAVE TECHNOLOGIES SWEDEN AB
 Address of Applicant :S-18780,TABY Sweden
 (72)Name of Inventor :
1)UDDIN,JESPER

No of Pages : 17

No of Claims : 9

(57) Abstract :

The invention is related to an aperture antenna element (1) comprising a ground plane, an aperture feed (3) and a reflector (2). In accordance with the invention, the at least one aperture (3) is provided directly on said ground plane, wherein the ground plane is also the reflector (2). In accordance with the invention, the aperture feed (4) is separated from said ground plane. The invention also relates to an aperture antenna including such aperture antenna elements.



(54) Title of the invention: PROCESS FOR PREPARING N-ARYLPIPERAZINE DERIVATIVES CROSSREFERENCE TO RELATED APPLICATIONS.

(51) International classification :C07D 473/34
 (31) Priority Document No :60/554,666
 (32) Priority Date :19/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/009154
 Filing Date :18/03/2005
 (87) International Publication No :WO 2005/092883
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE GIRALDA FARM, MADISON, NJ 07940,
 UNITED STATES OF AMERICA U.S.A.

(72)Name of Inventor :

1)CHAN,ANITA,W.

2)REN,JIANXIN

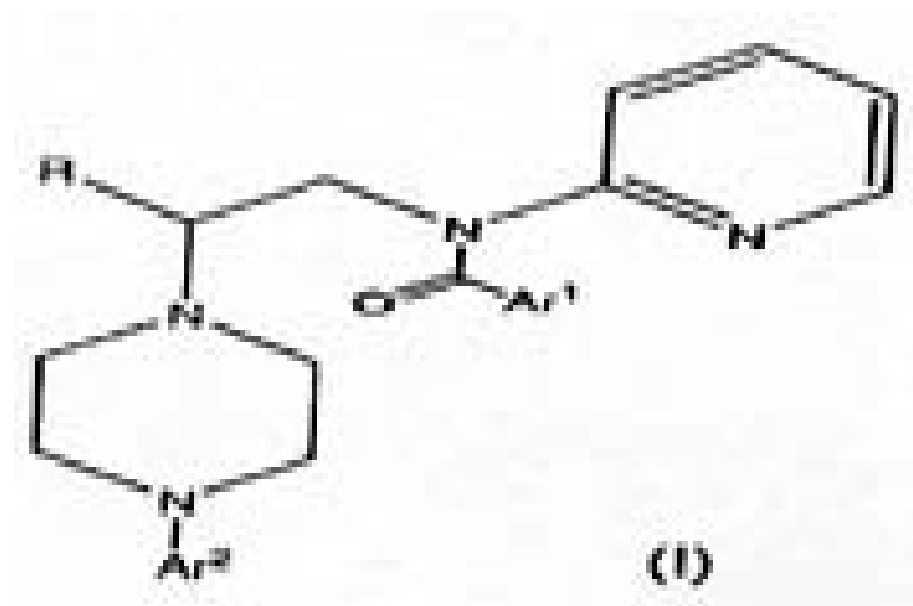
3)SHARM,L ARCANA

No of Pages : 40

No of Claims : 49

(57) Abstract :

Processes for preparing N-aryl-piperazine derivatives of formula 1 particularly (R).4.cyano-N-[2-[4-(2,3-dihydro-1,4-benzodioxan-5-yl)-1-piperazinypropyl]-N-(2-pyridinyl)-benzamide are disclosed. Compositions comprising N-arylpiperazine derivatives and low levels of common impurities are also disclosed. In addition, products produced by the process are disclosed.



(54) Title of the invention: METHOD AND APPARATUS FOR RECORDING DATA ON WRITE ONCE RECORDING MEDIUM.

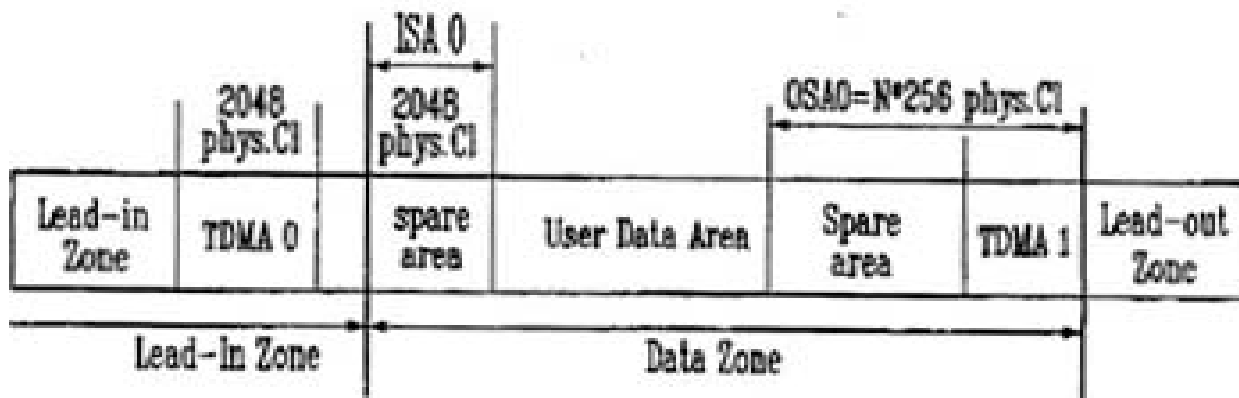
(51) International classification	:G11B20/18; G11B20/18	(71)Name of Applicant :
(31) Priority Document No	:60/554,348	1)LG ELECTRONICS INC.
(32) Priority Date	:19/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000768	(72)Name of Inventor :
Filing Date	:17/03/2005	1)PARK SUNG YOUNG
(87) International Publication No	:WO2005/089074 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 39

No of Claims : 21

(57) Abstract:

A method and apparatus for recording data on a write-once recording medium are disclosed. In the write-once recording medium, the method includes, when a defect area is detected in the recording medium, deciding a replacement recording method for replacing the defect area, when the detected defect area is replacement recorded in a spare area, recording a position information of the defect area and a position information of the spare area in a temporary management area as a defect management information, and when the detected defect area is skipped and the data is replacement recorded in a next consecutive area, an information indicating that the skipped area is the defect area is recorded in a temporary management area as a defect management information. Thus, the write-once recording medium may be managed with more efficiency and data may be efficiently recorded on the recording medium.



(54) Title of the invention: PROCESS FOR THE PRODUCTION OF TITANIUM DIOXIDE.

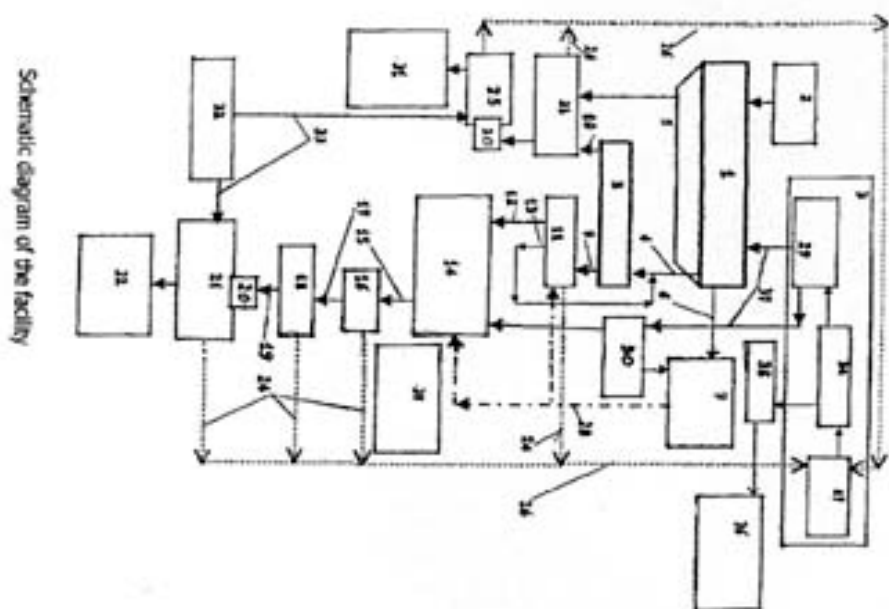
(51) International classification	:C01G 23/053	(71)Name of Applicant :
(31) Priority Document No	:2004108580	1)BRETON SPA
(32) Priority Date	:24/03/2004	Address of Applicant :VIA GARIBALDI,27,I-31030 CASTELLO DI
(33) Name of priority country	:Russia	GODEGO (TERVISO) Italy
(86) International Application No	:PCT/EP2005/003050	(72)Name of Inventor :
Filing Date	:22/03/2005	1)GORDIENKO PAVELS
(87) International Publication No	:WO2005/090235 A2	2)SINKOV GENNADI V
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 20

(57) Abstract :

It is disclosed a process for the production of titanium dioxide comprising the following steps: (a) a titanium ore containing iron, preferably ilmenite, is reacted with an aqueous NH_4F solution; (b) the aqueous suspension thus obtained is filtered with consequent separation of a sludge fraction, which contains ammonium fluoroferrates, and a filtrate fraction, which contains ammonium fluorotitanates; (c) the filtrate fraction thus obtained is subjected to an hydrolysis reaction; (d) the thus-obtained solid component is subjected to a thermal hydrolysis reaction. The plant and the reactors for performing the above process are also disclosed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2661/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 14/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention: CONTROL METHOD FOR PROCESS OF REMOVING PERMANGANATE REDUCING COMPOUNDS FROM METHANOL CARBONYLATION PROCESS.

(51) International classification	:C07C 51/42
(31) Priority Document No	:10/708,422
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005787
Filing Date	:24/02/2005
(87) International Publication No	:WO/2005/087698
(61) 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. U.S.A.
(72)**Name of Inventor :**
1)TRUEBA DAVIDA
2)KULKARN SHRIKANT U

No of Pages : 22

No of Claims : 18

(57) Abstract :

Disclosed is a method of controlling a separation process for removing permanganate reducing compounds from a process stream in the methanol carbonylation process for making acetic acid, where the method includes the steps of measuring the density of a stream containing acetaldehyde and methyl iodide, optionally calculating the relative concentrations of acetaldehyde and methyl iodide in the stream, and adjusting distillation or extraction process parameters based on the measured density or one or more relative concentrations calculated therefrom.

(54) Title of the invention: IMMUNOHISTOCHEMICAL DETECTION METHOD OF COLLAGEN IN TISSUE SAMPLE.

(51) International classification	:G01N33/68; G01N33/68
(31) Priority Document No	:60/560,456
(32) Priority Date	:08/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011834
Filing Date	:07/04/2005
(87) International Publication No	:WO 2005/101018
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICA N.V.
 Address of Applicant :TURNHOUTSEWEG 30 B-2340 BEERSE
 BELGIUM Belgium

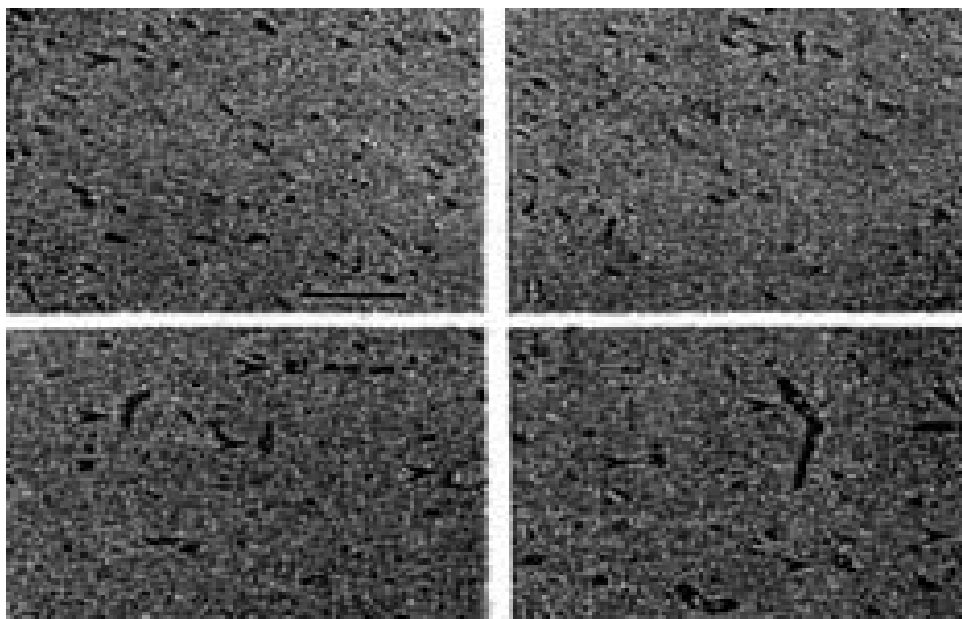
(72)**Name of Inventor :**
1)MICHAEL R.D ANDREA

No of Pages : 24

No of Claims : 21

(57) Abstract :

Pretreating a tissue sample with an effective amount of collagenase results in increased immunodetection of collagen and enhanced preservation of tissue morphology. Such an improved method for immunodetection of collagen can be used in immunohistochemical studies of formalin-fixed, paraffin-embedded tissue sections.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2663/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 14/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention: ZN-CONTAINING FCC CATALYST AND USE THEREOF FOR THE REDUCTION OF SULFUR IN GASOLINE.

(51) International classification	:C10G 11/05
(31) Priority Document No	:60/554,842
(32) Priority Date	:19/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/008080
Filing Date	:11/03/2005
(87) International Publication No	:WO2005/093011 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ENGELHARD CORPORATION
Address of Applicant :101,Wood Avenue P.O.Box 770 Iselin,NJ 08830-0770 U.S.A.

(72)**Name of Inventor :**
1)BESWICK Colin Lee
2)SPERONELLO Barry Kevin
3)SPERONELLO Barry Kevin
4)MCLEAN Joseph Bruce
5)SCHMALFELD Mark Robert

No of Pages : 16

No of Claims : 10

(57) Abstract :

Zeolite cracking catalyst compositions containing a zeolite and zinc compound supported on silica-alumina are useful to process sulfur -containing hydrocarbon feedstocks. The compositions are especially useful for the production of reduced sulfur gasoline.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2664/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 14/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention: MICROCOATING COMPRISING SILOXANES.

(51) International classification	:C23C 22/34
(31) Priority Document No	:102004014032.4
(32) Priority Date	:19/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/002984
Filing Date	:21/03/2005
(87) International Publication No	:WO2005/090502 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EWALD DORKEN AG
Address of Applicant :Wetterstrasse 58 58313 Herdecke Germany
(72)**Name of Inventor :**
1)KRUSE THOMAS

No of Pages : 27

No of Claims : 44

(57) Abstract :

The invention relates to a binding agent comprising an aqueous, film-forming, polymeric siloxane. The invention also relates to a coating agent that is produced using said binding agent and to a workpiece that is coated with said coating agent.

(54) Title of the invention: FISHING SINKER COMBINED BAIT CASE.

(51) International classification :A01K95/00
 (31) Priority Document No :2020040007173
 (32) Priority Date :16/03/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000757
 Filing Date :16/03/2005
 (87) International Publication No :WO2006/001573 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)YU,SUNG HO

Address of Applicant :251-3 Beomjeon-dong,Busanjin-gu Busan 614-060 Republic of Korea

(72)Name of Inventor :

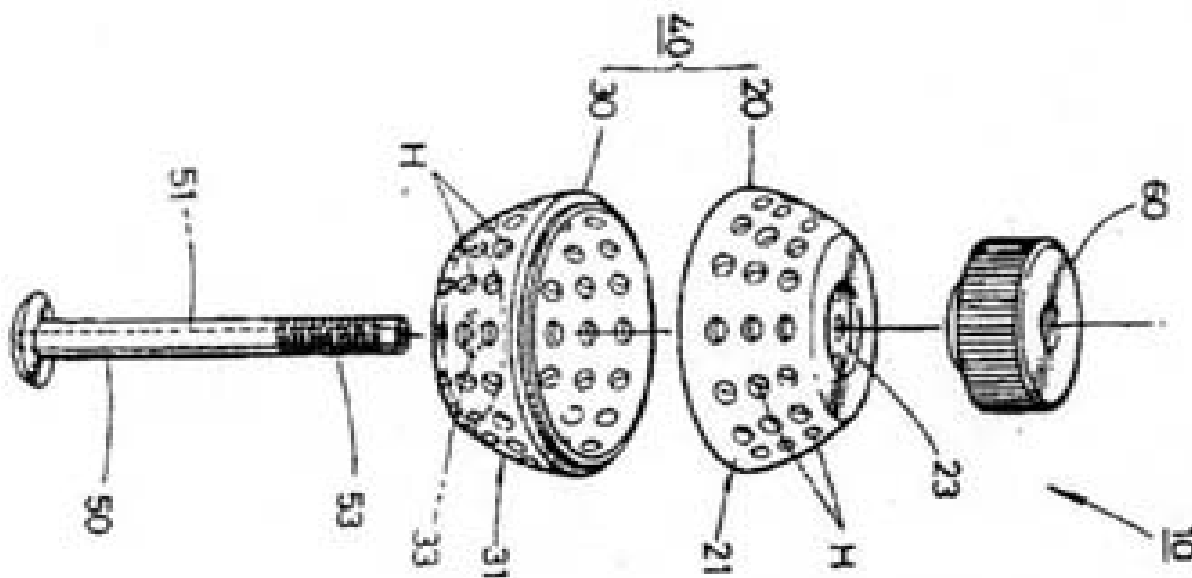
1)YU,SUNG HO

No of Pages : 6

No of Claims : 1

(57) Abstract:

A fishing sinker combined with a bait case is disclosed. The fishing sinker includes a lower cap whose body forms a plurality of through-holes and an upper cap whose body forms a plurality of through-holes, in which the upper cap is assembled on the upper surface of the lower cap. The lower cap has a bolt insertion hole on the lower surface thereof. The upper cap forms a nut insertion hole on the upper surface thereof. A bolt is passed through the bolt insertion hole, and then the nut insertion hole such that one end of the bolt is protruded from the nut insertion hole, in which the one end of the bolt forms a thread on the outer surface thereof and the bolt forms a through-hole in its length direction, through which a fishing line is passed. A nut is tightened to the one end of the bolt, such that the upper cap and the lower cap can be fastened to one another. The fishing sinker combined with a bait case has advantages in that, since the bait case can contain the ground baits in order to attract fish, anglers do not need to scatter the ground baits on the water and the ground baits do not cause water pollution, thereby being pro-environments. Also, the bait case can contain relatively small stone, such as a pebble, and a lump of yellow soil, etc. performing a function as a sinker. Therefore, the fishing sinker combined with a bait case according to the present invention can be conveniently used.



(54) Title of the invention : METHOD OF DETERMINING THE SYMPATHETIC TONE AND SYSTEM FOR MEASUREMENT THEREOF.

(51) International classification :A61B5/00
 (31) Priority Document No :200400359
 (32) Priority Date :03/03/2004
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/DK2005/000146
 Filing Date :03/03/2005
 (87) International Publication No :WO2005/084529 A3
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

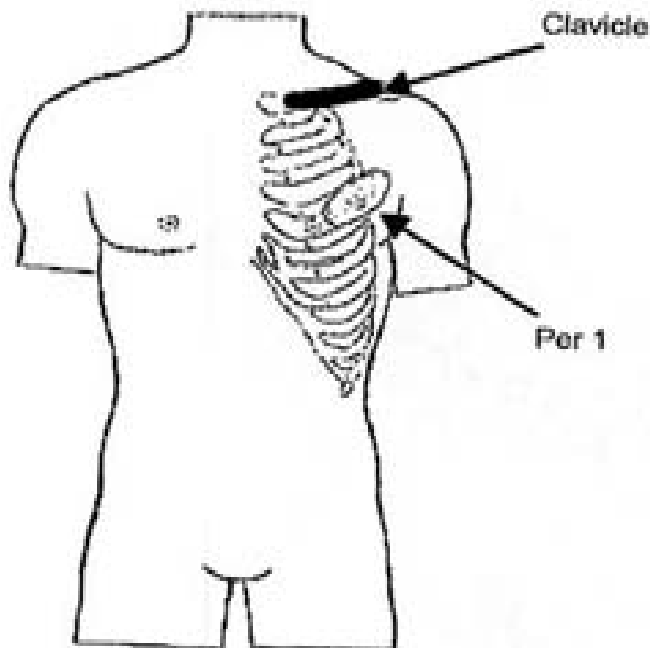
(71)Name of Applicant :
1)STRESSMETER A/S
 Address of Applicant :LEMCHESVEJ 1,DK -2900 HELLERUP
 Denmark
 (72)Name of Inventor :
1)BALLEGAARD,SOREN

No of Pages : 49

No of Claims : 48

(57) Abstract :

The invention relates to a method of determining the sympathetic tone including the steps of : measuring an applied stimulation at a threshold value of the stimulation in one, or more sympathetic tone-neutral points and measuring an applied stimulation at the same threshold value in one or more sympathetic tone-dependent points. The invention further relates to a system for applying and measuring a stimulation, and the use of a system for applying and measuring a stimulation for determining the sympathetic tone including the steps of: measuring an applied stimulation at a threshold value of the stimulation at one or more sympathetic tone-neutral points and measuring an applied stimulation at the same threshold value of the stimulation at one or more sympathetic tone-dependent points.



(54) Title of the invention : RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING TEXT SUBTITLE STREAM RECORDED ON THE RECORDING MEDIUM.

(51) International classification	:G11B7/00; G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:10-2004-00020890	1)LG ELECTRONICS INC.
(32) Priority Date	:26/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000579	(72)Name of Inventor :
Filing Date	:03/03/2005	1)SEO KANG SOO
(87) International Publication No	:WO2005/091722 A3	2)KIM BYUNG JIN
(61) Patent of Addition to Application Number	:NA	3)YOO JEA YONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 58

No of Claims : 20

(57) Abstract :

A buffer initially preloads a text subtitle stream recorded on a recording medium. The preloaded text subtitle stream includes a dialog style segment and a plurality of dialog presentation segments. The dialog style segment defines a group of region styles and palette information. Each dialog presentation segment contains at least one region of dialog text, where each region of dialog text is linked to a selected one of the group of region styles defined in the dialog style segment. A text subtitle decoder reads a palette update flag included in each dialog presentation segment and presents each dialog presentation segment according to an indication of the palette update flag. The palette update flag indicates whether to use the palette information defined in the dialog style segment or to use new palette information when presenting each dialog presentation segment.

Dialog Style Segment (DSS)

Region style id	Style Info
1	Region style set #1 (User changeable style set)
...	...
k	Region style set #k (User changeable style set)
n	Region style set #n (User changeable style set)
m	Region style set #m (User changeable style set)
...	...
60	Region style set #60 (User changeable style set)
Common Palette Info (used in all DPS except Palette_update_flag = 1b)	

Dialog Presentation Segment (DPS)

Region style linking	Timing (PTS set)	Palette Update_flag	Text data (with inline style)	
Region_style_id = k	start_PTS end_PTS	"0b"	Text #1	DPS#1
Region_style_id = n	start_PTS end_PTS	"0b"	Text #2	DPS#2
Region_style_id = n	start_PTS end_PTS	"1b" Palette()	Text #2	DPS#3
Region_style_id = n	start_PTS end_PTS	"1b" Palette()	Text #2	DPS#4
Region_style_id = n	start_PTS end_PTS	"1b" Palette()	Text #2	DPS#5
Region_style_id = m	start_PTS end_PTS	"0b"	Text #3	DPS#6
...	...	...	...	

(54) Title of the invention: STREPTOCOCCUS AGALACTIAE VACCINE.

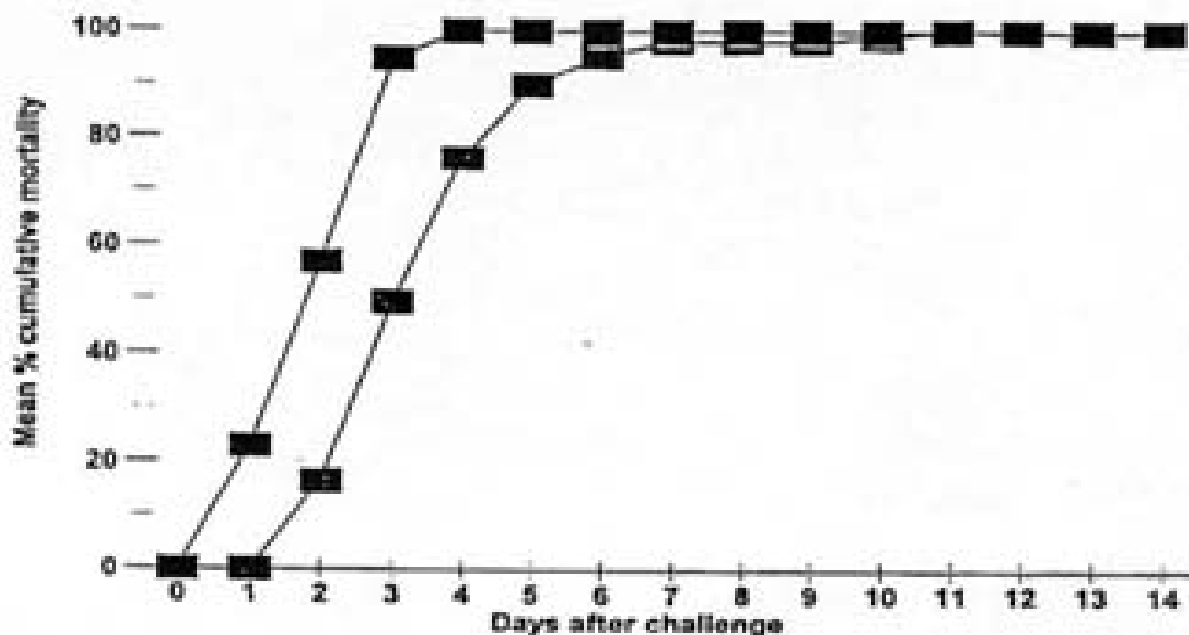
(51) International classification	:A61K39/09; A61K39/09	(71)Name of Applicant :
(31) Priority Document No	:10/807,575	1)THE UNITED STATES OF AMERICA,AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
(32) Priority Date	:18/03/2004	Address of Applicant :1400 INDEPENDANCE AVENUE SW, WASHINGTON,DC 20250-0302 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/008972	1)EVANS JOYCE J
Filing Date	:18/03/2005	2)KLESIOUS PHILLIP H
(87) International Publication No	:WO2005/089447 A2	3)SHOEMAKER CRAIG A
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 20

(57) Abstract :

A composition prepared from intact killed cells of isolated (-hemolytic Streptococcus agalactiae and a concentrated extract of a culture of (-hemolytic Streptococcus agalactiae, is effective for the protection of fish against infection by the same and other virulent strains Streptococcus agalactiae.



(54) Title of the invention: ASSEMBLY COMPRISING A WATER TURBINE AND A GENERATOR, THE ROTOR OF WHICH IS DIRECT-CONNECTED TO EACH ONE OF THE BLADES OF THE TURBINE.

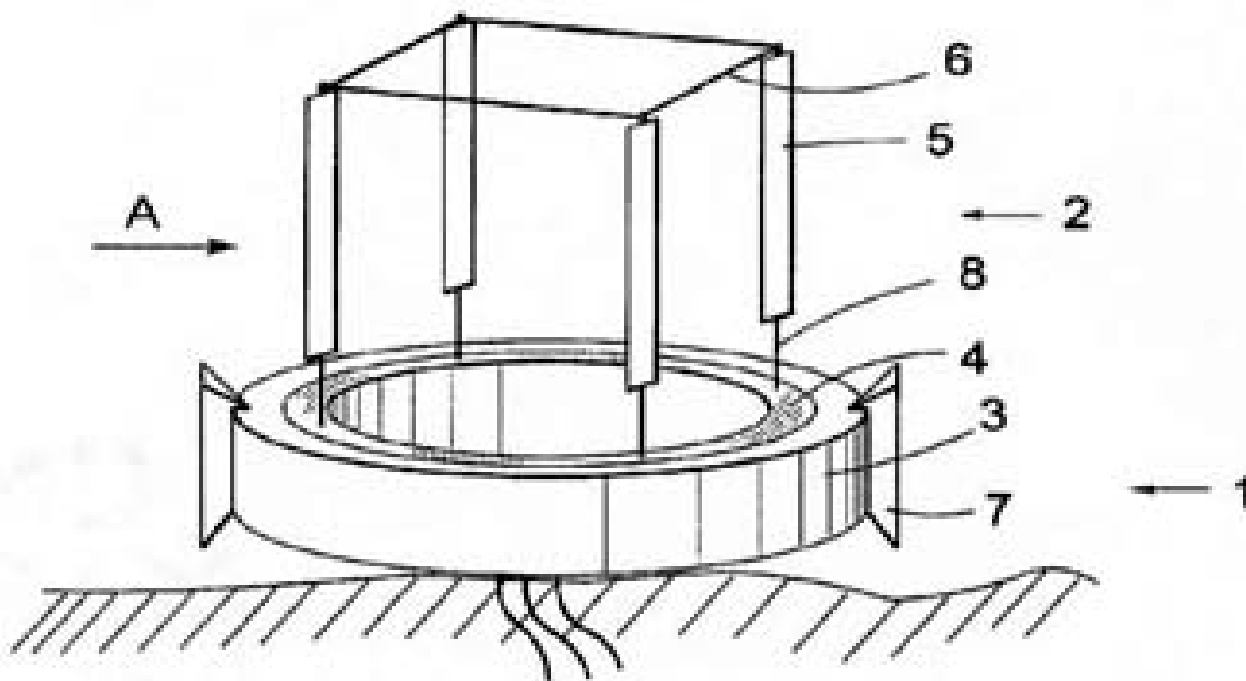
(51) International classification	:F03B3/12	(71)Name of Applicant :
(31) Priority Document No	:0400667-2	1)CURRENT POWER SWEDEN AB
(32) Priority Date	:16/03/2004	Address of Applicant :C/O.THORBURN ANKARGATAN 8,SE-723
(33) Name of priority country	:Sweden	48, VASTERAS Sweden
(86) International Application No	:PCT/SE2005/000346	(72)Name of Inventor :
Filing Date	:10/03/2005	1)LEIJON,MATS
(87) International Publication No	:WO2005/088119 A1	2)BERNHOF, HANS
(61) Patent of Addition to Application Number	:NA	3)SEGERGREN,ERIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 16

(57) Abstract :

The invention relates to an assembly having a water turbine (2) and a rotary electrical generator (1), the rotor (4) of which is connected to the turbine (2). The turbine (2) has at least three axially directed blades (5). According to the invention, each blade (5) is individually directly connected to the rotor (4) of the generator (1). The invention also relates to a use of the invented assembly for the generation of current from underwater currents.



(54) Title of the invention: DIGITAL SIGNAL PROCESSOR IMPLEMENTATION OF HIGH IMPEDANCE FAULT ALGORITHMS.

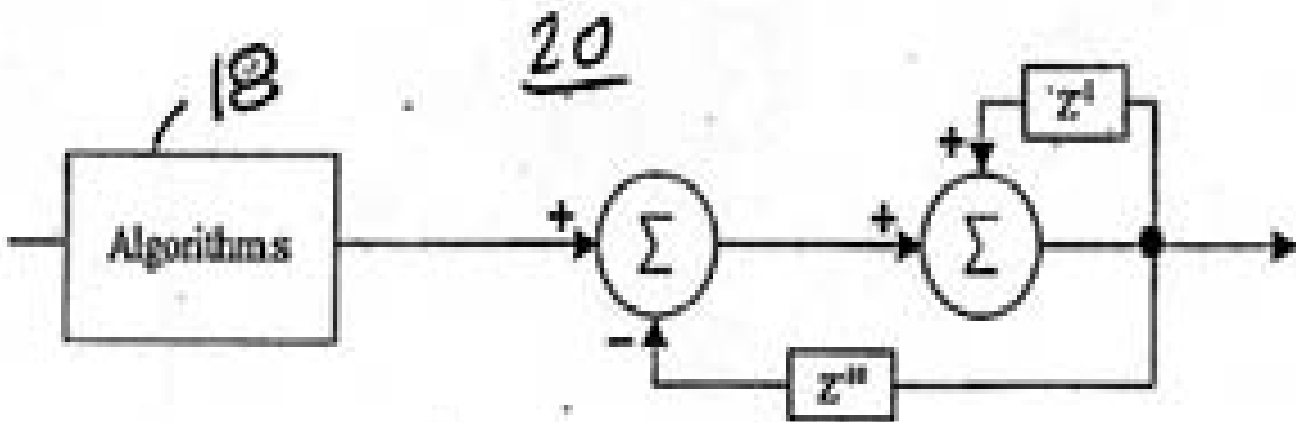
(51) International classification	:H02H1/00; H02H1/00	(71)Name of Applicant :
(31) Priority Document No	:60/553,504	1)ABB TECHNOLOGY AG
(32) Priority Date	:16/03/2004	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050,ZURICH, Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/008490	1)PETERSON,JOHN
Filing Date	:15/03/2005	2)KUNSMAN,STEVEN A
(87) International Publication No	:WO2005/091458 A1	3)HAJ-MAHARSI,MOHAMED Y
(61) Patent of Addition to Application Number	:NA	4)NUQUI REYNALDO
Filing Date	:NA	5)STOUPIS,JAMES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 10

(57) Abstract:

A digital signal processor implementation of three algorithms used to detect high impedance faults. The algorithms can be wavelet based, higher order statistics based and neural network based. The algorithms are modified to process one second of data instead of ten seconds of data and a double-buffered acquisition is connected to the output of the algorithms.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2671/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 14/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention: FUNCTIONAL UNIT AND IMAGE FORMING APPARATUS INCLUDING THE FUNCTIONAL UNIT.

(51) International classification	:G03G21/16; G03G21/16	(71)Name of Applicant : 1)RICOH COMPANY,LIMITED
(31) Priority Document No	:2005-033686	Address of Applicant :3-6,NAKAMAGOME 1-CHOME,OHTA-KU
(32) Priority Date	:09/02/2005	TOKYO 143-8555 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2006/302677	1)TANAKA,SHUJI
Filing Date	:09/02/2006	
(87) International Publication No	:WO/2006/085680	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 32

No of Claims : 7

(57) Abstract:

To surely and correctly position a functional unit that is detachably attached to a main body of an image forming apparatus by inserting into an hollow portion of the main body. After a unit 1y is pushed into the innermost position within the image forming apparatus main body, the unit 1Y is locked to the image forming apparatus main body by engaging a first locking member 43 pivotally attached to a casing 27 of the unit 1y with a second locking member 51 held by the casing 27 to be movable vertically and by bringing the second locking member 51 in pressure contact with a restricting member fixed to the image forming apparatus main body.

(54) Title of the invention: GAMES BATS.

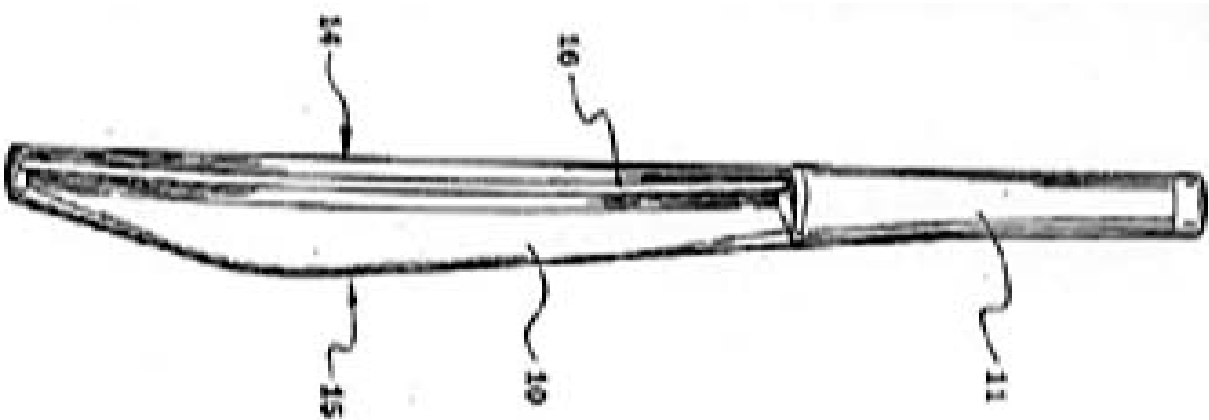
(51) International classification	:A63B59/00; A63B59/06	(71)Name of Applicant :
(31) Priority Document No	:2004900846	1)SEAR RONALD FREDERICK
(32) Priority Date	:20/02/2004	Address of Applicant :311 NTH HUON ROAD,RANELAGH TAS
(33) Name of priority country	:Australia	7103 Australia
(86) International Application No	:PCT/AU2005/000195	(72)Name of Inventor :
Filing Date	:16/02/2005	1)SEAR RONALD FREDERICK
(87) International Publication No	:WO2005/079932 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 12

(57) Abstract :

A Game Bat having a body which includes a face (14) which is that which makes contact with a ball and a handle (11) The bat has a post tensioning means located in grooves (16) which run along the side of the bat on each side of the face which apply tension to the face.



(54) Title of the invention: RECORDING MEDIUM WITH PHYSICAL ACCESS CONTROL (PAC) INFORMATION THEREON AND APPARATUS AND METHODS FOR FORMING, RECORDING, AND REPRODUCING THE RECORDING MEDIUM.

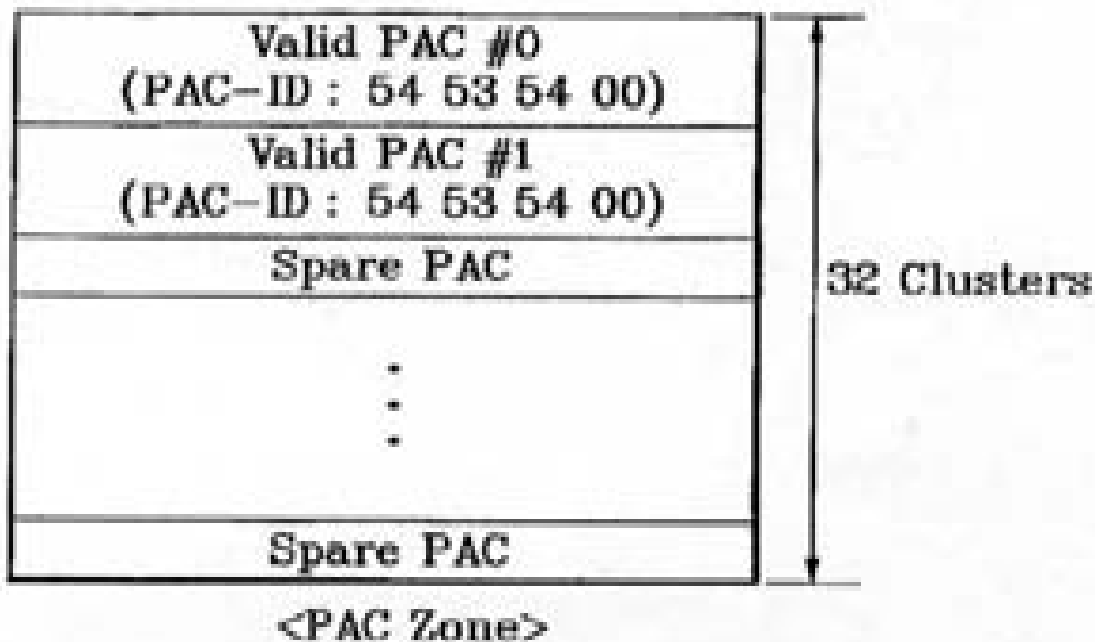
(51) International classification	:G11B20/10; G11B20/12	(71)Name of Applicant :
(31) Priority Document No	:60/554,356	1)LG ELECTRONICS INC
(32) Priority Date	:19/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2004/003515	(72)Name of Inventor :
Filing Date	:30/12/2004	1)PARK YOUNG CHEOL
(87) International Publication No	:WO2005/091292 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 33

(57) Abstract :

A recording medium, such as a high-density and/or optical recording medium including physical access control (PAC) information recorded thereon, and apparatus and methods for recording to and reproducing from the recording medium, in order to improve data protection, data management and/or reproduction compatibility.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2674/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : BICYCLIC AND BRIDGED NITROGEN HETEROCYCLES.

(51) International classification :A61K 31/4155
(31) Priority Document No :60/550,246
(32) Priority Date :03/03/2004
(33) Name of priority country :Argentina
(86) International Application No :PCT/US2005/007166
Filing Date :02/03/2005
(87) International Publication No :WO2005/084667 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CHEMOCENTRYX,INC.

Address of Applicant :850 MADUE AVENUE,MOUNTAIN VIEW
CALIFORNIA 94043 U.S.A.

(72)Name of Inventor :

1)PENNEL,ANDREW,M.,K.

2)AGGEN,JAMES,B

3)WRIGHT,J,J,KIM

4)SEN,SUBHABRATA

5)CHEN,WEI

6)DIARAGHIL,DANIEL,JOSEPH

7)ZHANG,PENGLIE

No of Pages : 164

No of Claims : 66

(57) Abstract :

Compounds are provided that act as potent modulators of one or more of the CCR1, CCR2 and CCR3 receptors. The compounds are generally fused-, spiro- or bridged-nitrogen heterocycles having an aryl and heteroaryl component and are useful in pharmaceutical compositions, methods for the treatment of CCR1-, CCR2- and/or CCR3-mediated diseases, and as controls in assays for the identification of competitive receptor antagonists for the above chemokine receptors.

(54) Title of the invention : SYSTEM, ARRANGEMENT AND METHOD RELATING TO PACKET SWITCHED COMMUNICATION.

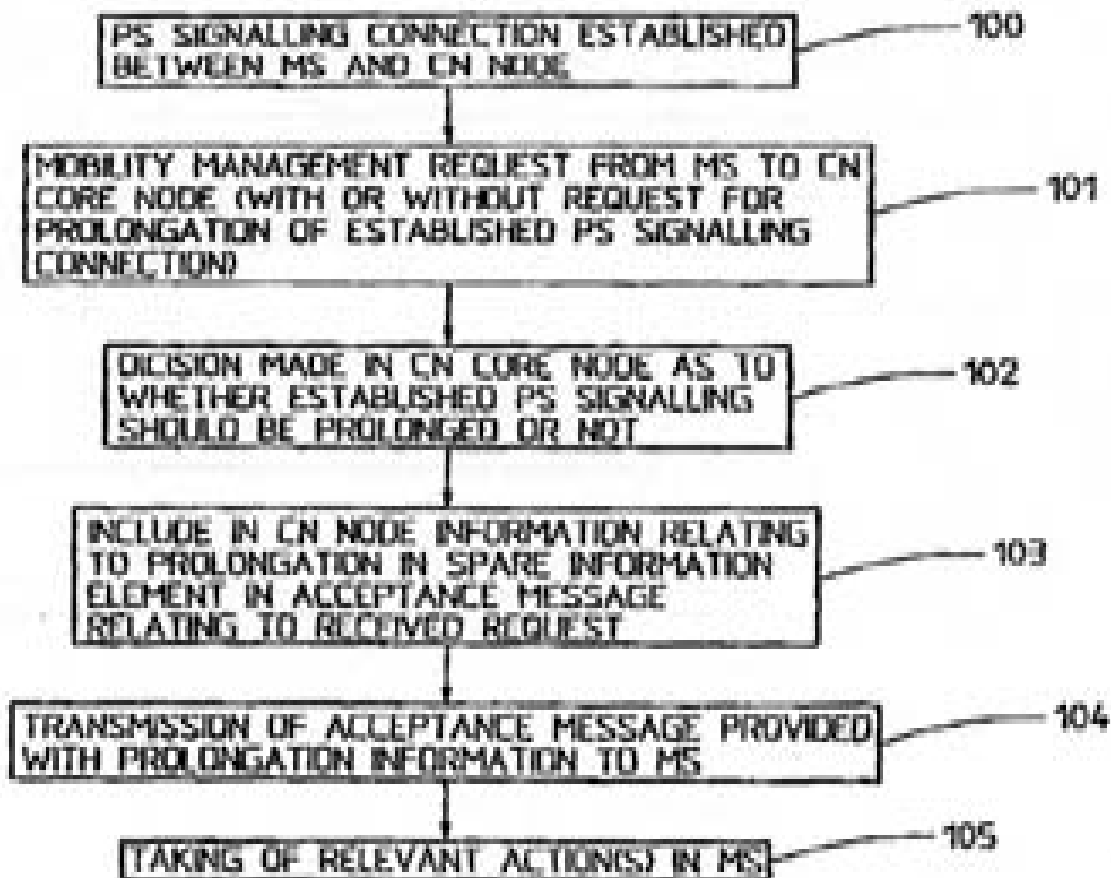
(51) International classification	:H04L12/56; H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2004/001112	1)TELEFONAKTIEBOLAGET LM ERICSSON
(32) Priority Date	:06/02/2004	Address of Applicant :S-164 83 Stockholm Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/001112	1)HERRERO,Christian
Filing Date	:06/02/2004	
(87) International Publication No	:WO2005/076538 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 36

(57) Abstract :

The present invention relates to a communications system supporting communication of packet data, comprising a network with a number of packet data core nodes (SGSN, CGSN) handling connections with mobile stations (MS), said system further supporting a functionality of prolonging packet switched (PS) signalling connections between a mobile station (MS) and a network packet data node (SGSN; CGSN) . At least some of said packet data nodes comprise means for providing information to a mobile station, having sent a request on an established signalling connection to the packet data node, as to whether a PS signalling connection is or is to be prolonged or not.



(54) Title of the invention : FLOOR FOR A CULTIVATION AREA.

(51) International classification :A01G 9/14
 (31) Priority Document No :1025706
 (32) Priority Date :12/03/2004
 (33) Name of priority country :Netherlands
 (86) International Application No :PCT/NL2005/000180
 Filing Date :10/03/2005
 (87) International Publication No :WO2005/086989 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

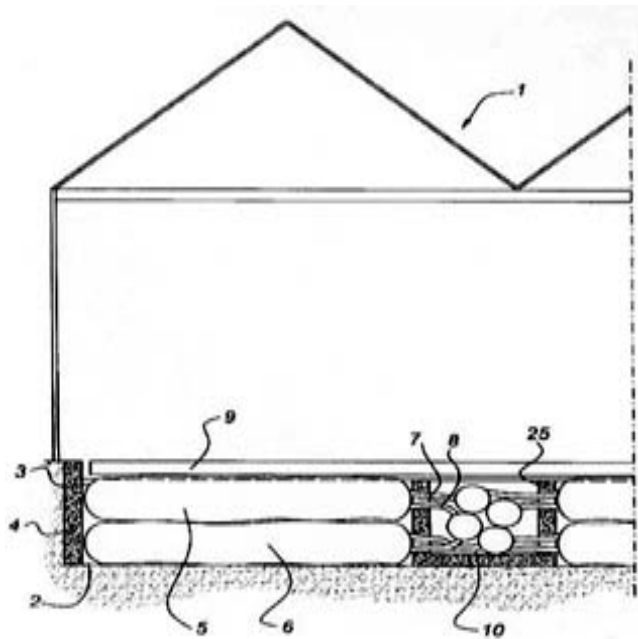
(71)**Name of Applicant :**
1)KLIMREK I.E.B.V
 Address of Applicant :Europalaan 44,NL-2641 RX Pijnacker
 Netherlands
 (72)**Name of Inventor :**
1)Van Dijk,Jacobus Johannes

No of Pages : 13

No of Claims : 15

(57) Abstract :

Floor for a cultivation area (1) such as a greenhouse. An accommodating hole (2) excavated in the ground and a flexible holder (5, 6) for liquid such as water is placed therein. The top of said holder (5, 6) is provided with a supporting plate (9). By varying the level of the supporting plate (9), the level of the greenhouse floor is varied. The water can contain heat. Optionally there can be a further holder which, for example, contains liquid with different properties, such as a different temperature. A number of such holders can be incorporated in a greenhouse floor. Floor for a cultivation area such as a greenhouse. An accommodating hole is excavated in the ground and a flexible holder for liquid such as water is placed therein. The top of said holder is provided with a supporting plate. By varying the level of the supporting plate, the level of the greenhouse floor is varied. The water can contain heat. Optionally there can be a further holder which, for example, contains liquid with different properties, such as a different temperature. A number of such holders can be incorporated in a greenhouse floor.



(54) Title of the invention : TURBINE AND ROTOR THEREFOR.

(51) International classification :F03B3/12; F03D1/06
 (31) Priority Document No :2004901396
 (32) Priority Date :18/03/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000356
 Filing Date :16/03/2005
 (87) International Publication No :WO2005/090779 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LOTRIONTE, Frank, DanielAddress of Applicant :70 Dandelion Drive, Rowville VIC 3178
Australia

(72)Name of Inventor :

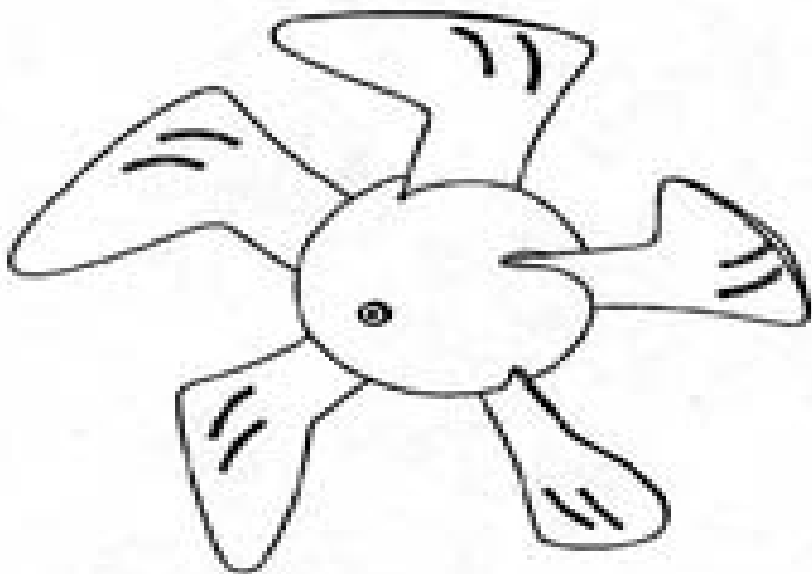
1)LOTRIONTE, Frank, Daniel

No of Pages : 18

No of Claims : 9

(57) Abstract :

A rotor that consists of a central hub or shaft and a plurality of boot shaped integral blade/vane units that combine a pronounced elongated vane tip extending substantially toward the incoming flow and also the direction of rotation forming a helix or pitch angle to the rotation axis centerline, preferably normal to and joined to the outer frontward extremity of a slightly rearward tilted blade/wing section that is connected by its inner end to the central hub of shaft. The rotor revolves about the rotation axis by incoming gas/fluid flow as most of the fluid flow is encouraged to move substantially outward and rearward as it travels into and past the forwardly projecting vane tips located a substantial distance radially from the axis of rotation. This maximizes the torque developed and transferred to the hub/shaft in a manner that does not greatly inhibit total through flow, because the combined gas/fluid flow exit area (or gaps between blades/vanes) is much greater than the maximum rotor diameter and subsequently the rotor inlet area, which has the effect of increasing the through flow velocity and thus overall performance. The blades may have slots within them.



(54) Title of the invention : FORMALDEHYDE-FREE DUCT LINER.

(51) International classification :D04H 1/58
 (31) Priority Document No :10/781,994
 (32) Priority Date :19/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2005/001783
 Filing Date :21/02/2005
 (87) International Publication No :WO2005/080855 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

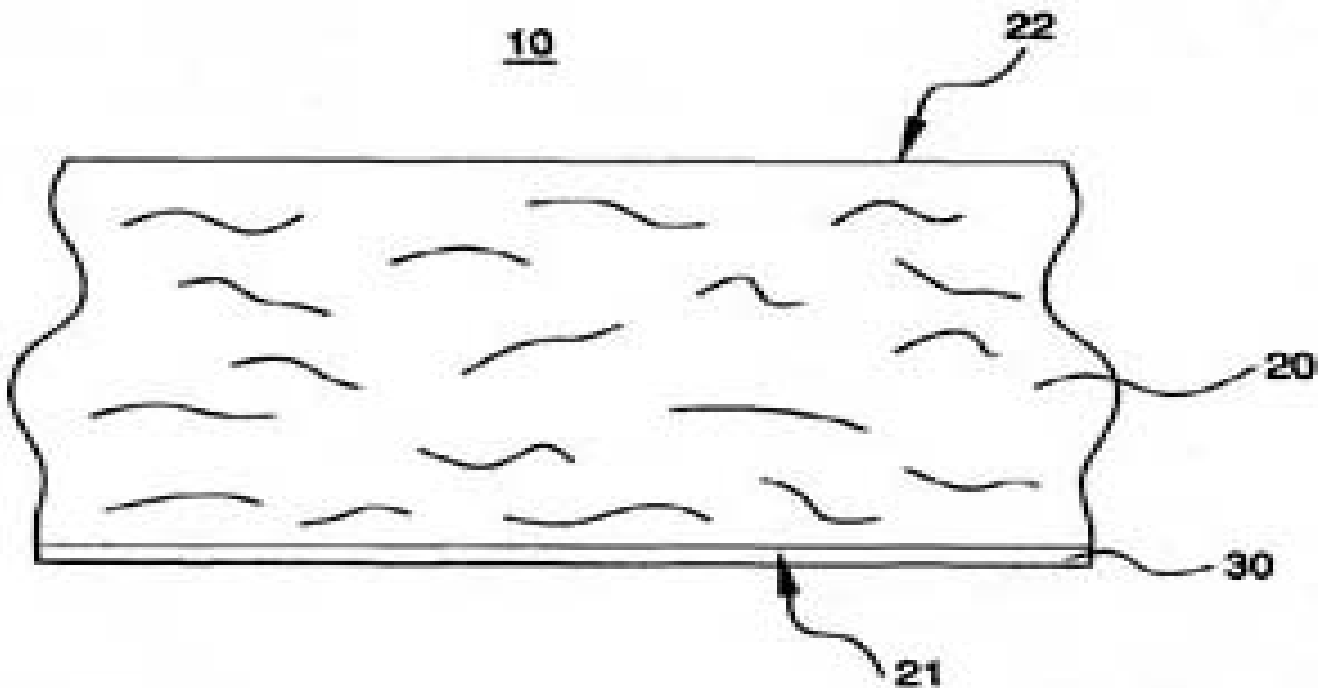
(71)**Name of Applicant :**
1)SAINT-GOBAIN ISOVER
 Address of Applicant : "Les Miroirs" 18 Avenue d'Alsace, 92400
 Courbevoie France France
 (72)**Name of Inventor :**
1)YANG ALAIN
2)TRABBOLD MARK

No of Pages : 23

No of Claims : 50

(57) Abstract :

A substantially formaldehyde-free duct liner (10) is manufactured from at least one fiber component that may be mineral or organic fibers blended with at least one non-liquid substantially formaldehyde-free binder. The fiber component may comprise virgin textile glass fibers, virgin rotary glass fibers, organic fibers, or natural fibers. The non-liquid substantially formaldehyde-free binder may be plastic-containing bonding fibers, a powder binder, or a mixture thereof.



(54) Title of the invention : SEPARATION MEMBRANE.

(51) International classification :B01D 71/02
 (31) Priority Document No :2004-076027
 (32) Priority Date :17/03/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/004514
 Filing Date :15/03/2005
 (87) International Publication No :WO2005/087356
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

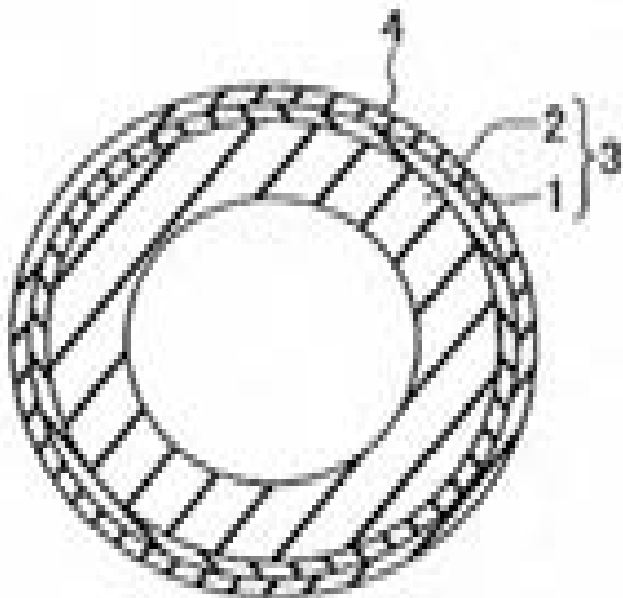
(71)**Name of Applicant :**
1)BUSSAN NANOTECH RESEARCH INSTITUTE,INC
 Address of Applicant :2-1,Ohtemachi 1-chome,Chiyoda-ku Tokyo 100-0004 Japan
 (72)**Name of Inventor :**
1)MASANOBU AIZAWA

No of Pages : 39

No of Claims : 14

(57) Abstract :

The aim is to provide a separation membrane which can fulfill both high separation capability and high permeation rate. [Solving Means] The disclosed is separation membrane which comprises a porous substrate which is made of ceramic sintered body of which a main ingredient is alumina, and a zeolite membrane which is formed over the surface of the porous substrate, wherein the porous substrate comprises a base layer and a foundation layer which is formed on the base layer and is formed for the zeolite membrane, and the separation membrane is characterized in that a mean pore diameter of the foundation layer is smaller than a mean pore diameter of the base layer.



(54) Title of the invention : DEVICE AND METHOD FOR THE EXTENDED PROTECTION OF ELECTRIC LINES.

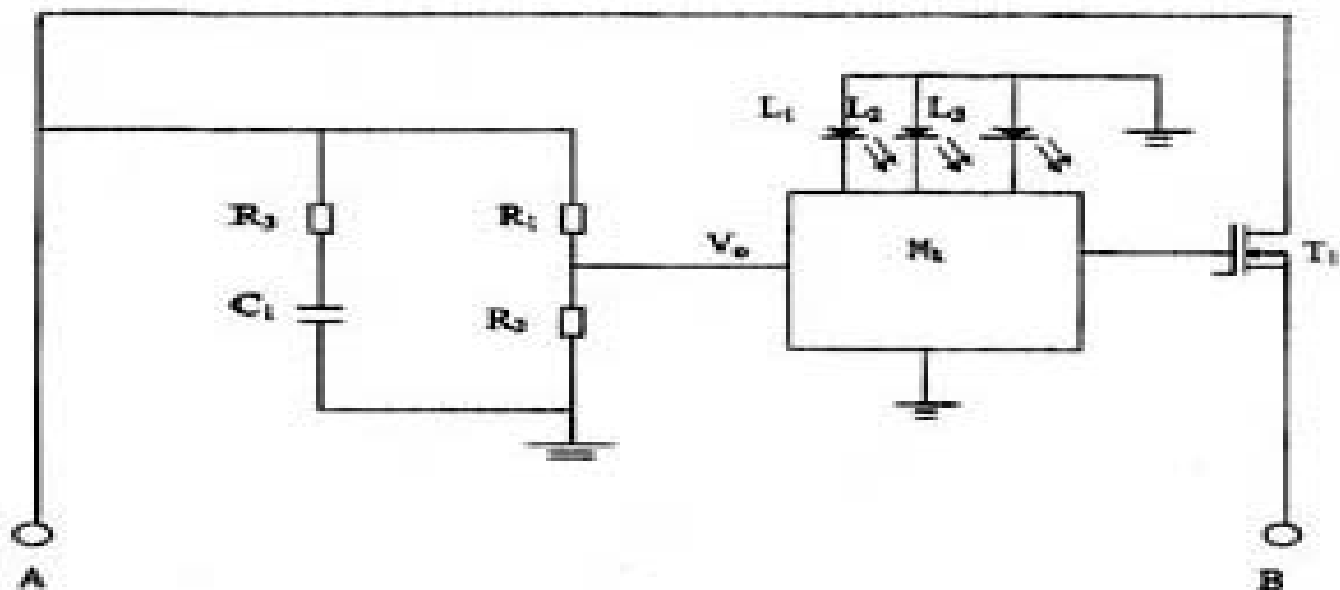
(51) International classification	:H02H3/04; H02H3/06	(71)Name of Applicant :
(31) Priority Document No	:P200400700	1)CREYDEC S.L.
(32) Priority Date	:22/03/2004	Address of Applicant :Avda Manual Rivera,5 Entreplanta Dcha 34002
(33) Name of priority country	:Spain	Palencia Spain
(86) International Application No	:PCT/EP2005/003035	(72)Name of Inventor :
Filing Date	:22/03/2005	1)Diaz Mejia,Jose Luis
(87) International Publication No	:WO2005/093922 A1	2)ORAZ Garcia,Jesus Angel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 16

(57) Abstract :

Device for the protection of electric lines which comprises: processing means; power supply means; voltage measurement means; means of alert; and switching means which alternatively send the line's own current through a main branch (which comprises the remaining components) or through a branch line; and method for the protection of electric lines by means of the device in accordance with the invention, which comprises: normal operating mode - safety element in perfect condition and inactive protection device; boundary anomalous operating mode - the intensity circulating through the safety element surpasses a caution threshold and the protection device signals said condition; and line verification anomalous operating mode - after failure of the safety element, all the current flows through the protection device and the protection device detects, signals, and analyses said condition.



(54) Title of the invention : COMBINATORIAL INTERLEUKIN-2 MUTEINS.

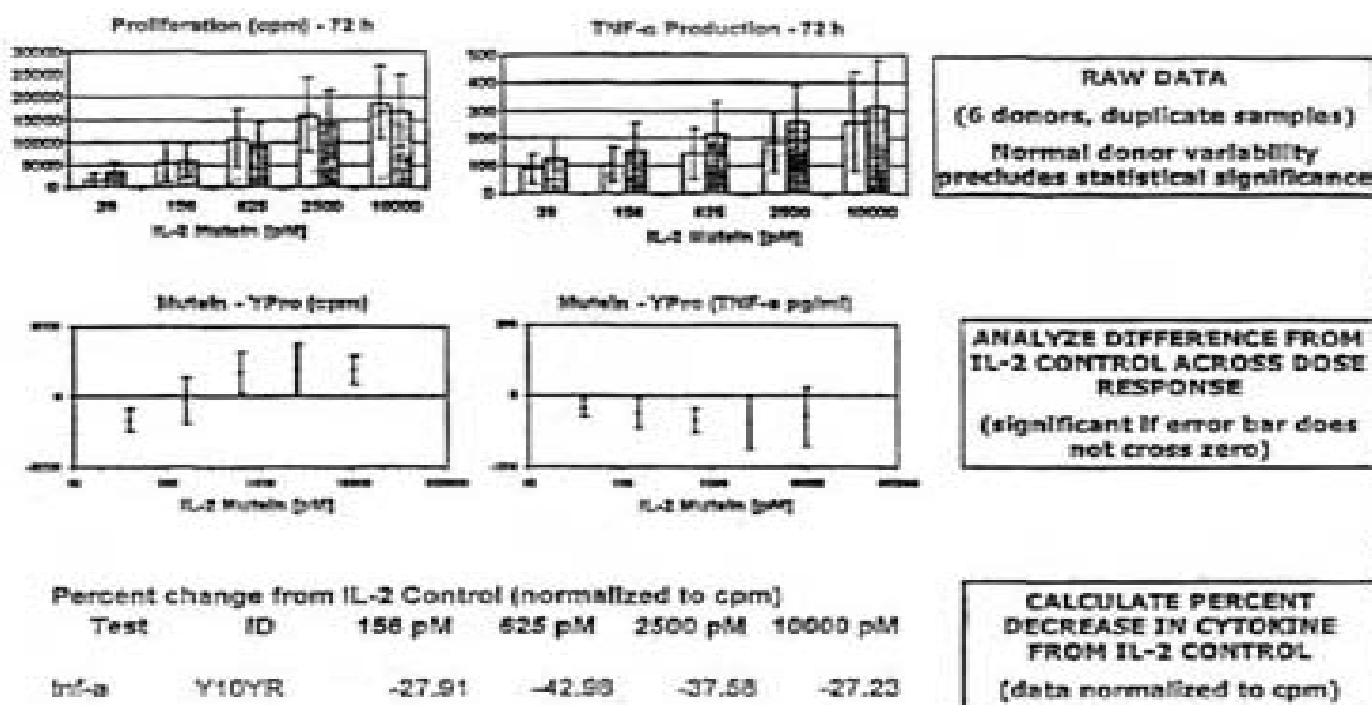
(51) International classification	:C12Q1/00; C12Q1/02	(71)Name of Applicant :
(31) Priority Document No	:60/550,868	1)CHIRON CORPORATION
(32) Priority Date	:05/03/2004	Address of Applicant :INTELLECTUAL PROPERTY- R440 P.O.BOX
(33) Name of priority country	:U.S.A.	8097, EMERYVILLE, CA 94662 U.S.A.
(86) International Application No	:PCT/US2005/007303	(72)Name of Inventor :
Filing Date	:07/03/2005	1)AUKERMAN LEA
(87) International Publication No	:WO 2005/086751	2)DENIS-MIZE KIMBERLY
(61) Patent of Addition to Application Number	:NA	3)HEISE, CARLA
Filing Date	:NA	4)MENEZES DANIEL
(62) Divisional to to Application Number	:NA	5)WILSON SUSAN E
Filing Date	:NA	

No of Pages : 76

No of Claims : 31

(57) Abstract :

Novel human interleukin-2 (IL-2) muteins or variants thereof, and nucleic acid molecules and variants thereof are provided. Methods for producing these muteins as well as methods for stimulating the immune system of an animal are also disclosed. In addition, the invention provides recombinant expression vectors comprising the nucleic acid molecules of this invention and host cells into which expression vectors have been introduced. Pharmaceutical compositions are included comprising a therapeutically effective amount of a human IL-2 mutein of the invention and a pharmaceutically acceptable carrier. The IL-2 muteins have lower toxicity than native IL-2 or Proleukin (R) IL-2, while maintaining or enhancing NK cell-mediated effects, and can be used in pharmaceutical compositions for use in treatment of cancer, and in stimulating the immune response.



(54) Title of the invention : METHOD FOR PRODUCING A DIALKYL CARBONATE AND A DIOL.

(51) International classification :C07C 27/00
 (31) Priority Document No :2004-179799
 (32) Priority Date :17/06/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/011107
 Filing Date :17/06/2005
 (87) International Publication No :WO2005/123638
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

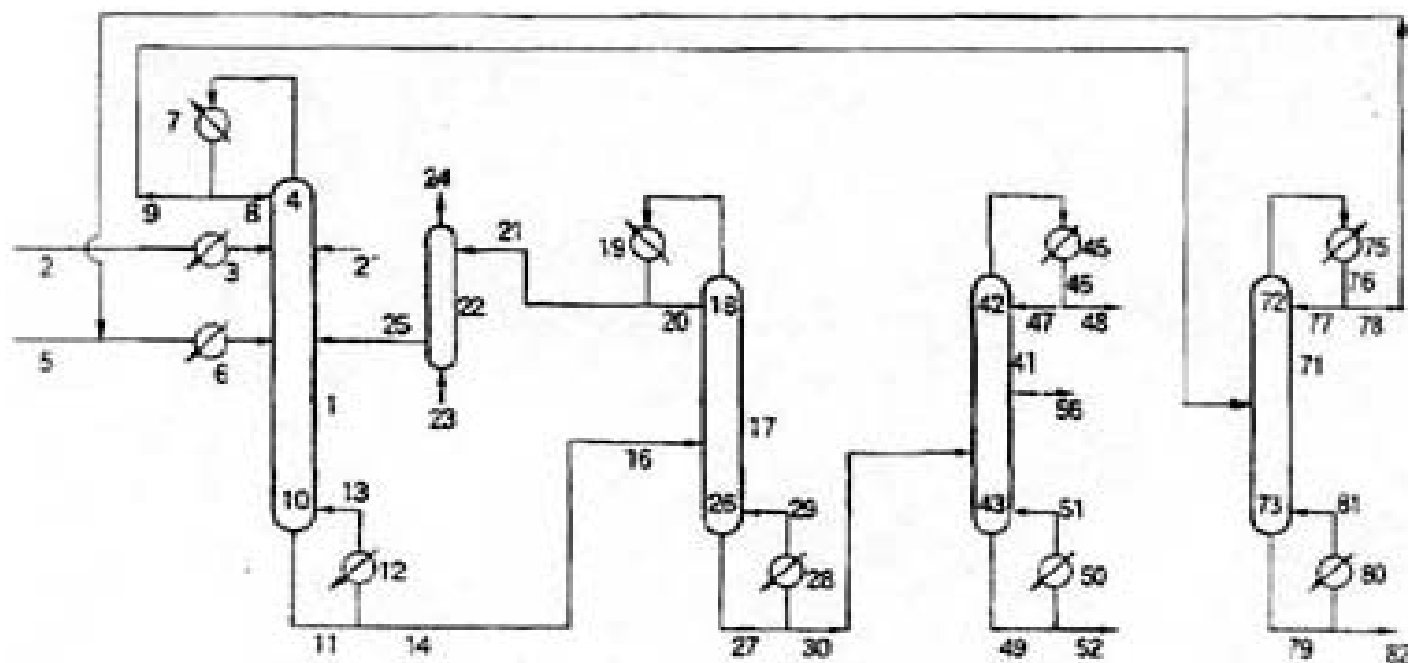
(71)Name of Applicant :
1)Asahi Kasei Chemicals Corporation
 Address of Applicant :1-2,Yuraku-cho 1 -chome Chiyoda-ku,Tokyo
 100-8440 Japan
 (72)Name of Inventor :
1)Masahiro TOJO
2)Hironori MIYAJI

No of Pages : 72

No of Claims : 8

(57) Abstract :

A method for producing a dialkyl carbonate and a diol, comprising: (a) effecting a transesterification reaction between a cyclic carbonate and an aliphatic monohydric alcohol in the presence of a transesterification catalyst, thereby obtaining a reaction mixture containing a product dialkyl carbonate and a product diol, (b) withdrawing a dialkyl carbonate-containing liquid from the reaction mixture, followed by separation of the dialkyl carbonate from the dialkyl carbonate-containing liquid, and (c) withdrawing a diol -containing liquid from the reaction mixture, followed by separation of the diol from the diol-containing liquid, wherein the cyclic carbonate contains a cyclic ether in an amount of from 0.1 to 3,000 ppm by weight, and the product dialkyl carbonate contains a carbonate ether of not more than 10,000 ppm by weight.



(54) Title of the invention : METHOD FOR PRODUCING A HIGH QUALITY AROMATIC POLYCARBONATE.

(51) International classification	:C08G 64/06	(71)Name of Applicant :
(31) Priority Document No	:2004-176207	1)ASAHI KASEI CHEMICALS CORPORATION
(32) Priority Date	:14/06/2004	Address of Applicant :1-2,YURAKU-CHO 1-CHOME, CHIYODA-
(33) Name of priority country	:Japan	DU, TOKYO 100-8440 JAPAN Japan
(86) International Application No	:PCT/JP2005/010865	(72)Name of Inventor :
Filing Date	:14/06/2005	1)KOSHIR YOKOTA,
(87) International Publication No	:WO 2005/121213	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 6

(57) Abstract :

A method for producing a high quality aromatic polycarbonate, which comprises subjecting to molten state polymerization a mixture of an aromatic dihydroxy compound and a diaryl carbonate in the presence of a catalyst, the mixture of the aromatic dihydroxy compound and the diaryl carbonate being obtained by a mixing step in which an aromatic dihydroxy compound and a catalyst, each being in a solid state and/or a liquid state, are added to a diaryl carbonate in a molten state in the presence of an inert gas, thereby dissolving the aromatic dihydroxy compound and the catalyst in the molten diaryl carbonate.

(54) Title of the invention : ADVANCE OF PIPE ELEMENTS IN THE GROUND.

(51) International classification :E21D9/00
 (31) Priority Document No :271/04
 (32) Priority Date :19/02/2004
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2005/000090
 Filing Date :17/02/2005
 (87) International Publication No :WO 2005/080753
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

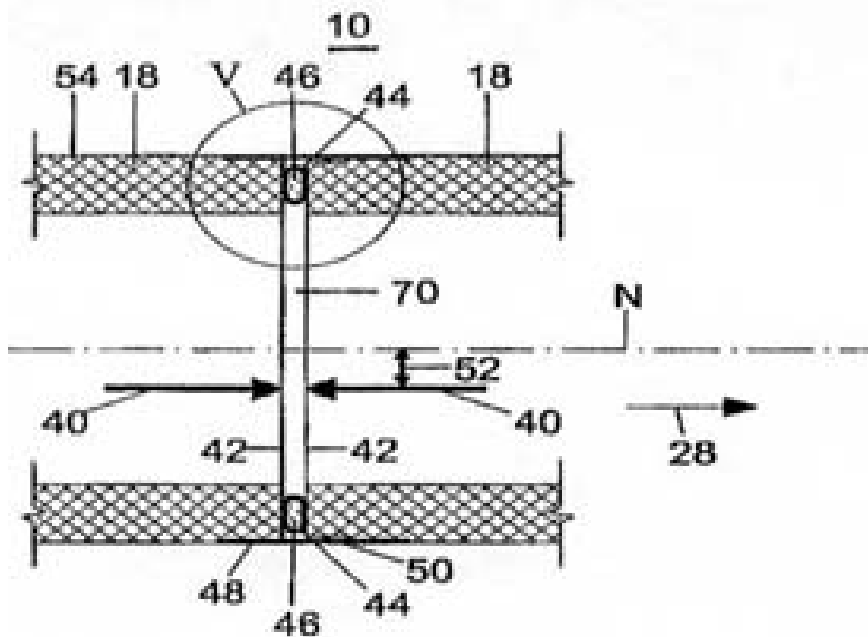
(71)**Name of Applicant :**
1)TRUMPL,STEFAN,
 Address of Applicant :MATTSTRASSE 7E CH-8755 ENNENDA,
 SWITZERLAND A SWISS NATIONAL Switzerland
 (72)**Name of Inventor :**
1)TRUMPL,STEFAN,

No of Pages : 14

No of Claims : 12

(57) Abstract :

The aim of the invention is to advance pipe elements (18) for constructing an elongate structure in a soft, stony, rocky, and/or monolithic ground. Said aim is achieved by determining the force of advancement (40), the eccentricity (52) thereof in relation to the neutral axis (N), and/or the direction of advancement (28) with the aid of a pressing device (24) and extension elements (44) which are filled with fluid and are disposed on the face of the joints (70) of the tubing (14). The fluid pressure (p) is measured in at least one portion of the extension elements (44) which extends along the entire length of the tubing (14), and/or the deformation is measured in some of the joints (70). The force of advancement (40) and the eccentricity (52) are calculated from said parameters, and the values are stored and/or are compared to stored standard values. According to a variant, the eccentricity (52) is calculated, and the values are converted into control commands for the pressing device (24) and/or the individual fluid supply to or the individual fluid discharge from the extension elements (44).



(54) Title of the invention : AERATOR OF A PLUMBING FIXTURE.

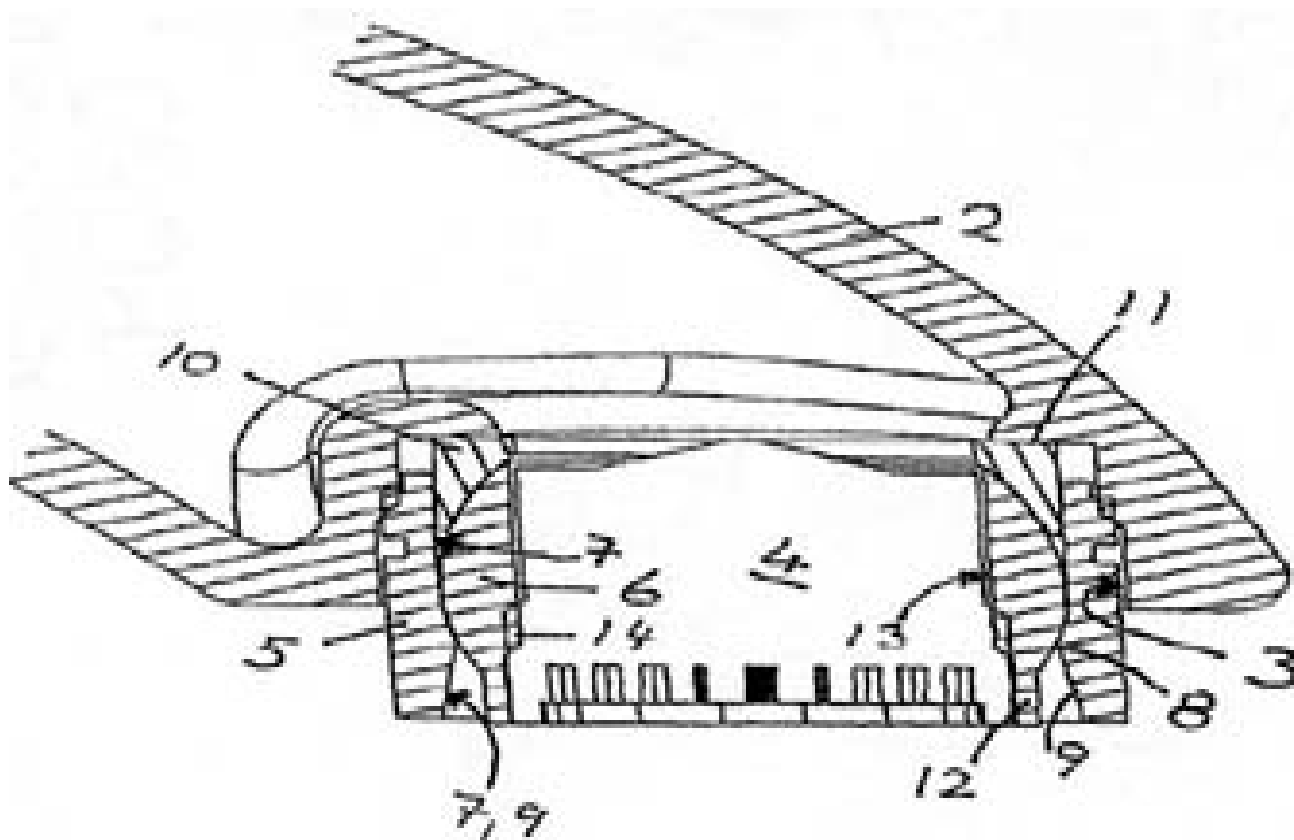
(51) International classification	:E03C; (IPC1-7): E03C	(71)Name of Applicant : 1)NEOPERL GMBH
(31) Priority Document No	:10 2004 015 183.0	Address of Applicant :KLOSTERRUNSSTR.11.79379 MULLHEIM
(32) Priority Date	:25/03/2004	GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/002740	1)KATZER,DIETER
Filing Date	:15/03/2005	
(87) International Publication No	:WO 2005/093174	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 16

(57) Abstract :

An aerator for a plumbing fixture is provided, especially for a washstand, water basin or tub, The plumbing fixture includes a water outlet that leads to a forward outlet end in which an aerator that is penetrated by the water is pivotally mounted via a swiveling mechanism, particularly a joint, which is removably fixed. The pivotable aerator is mounted within an outer ring that is screwed into the outlet end.



(54) Title of the invention : BENZOFURANYL DERIVATIVES USEFUL FOR THE TREATMENT OF CARDIAC ARRHYTHMIA.

(51) International classification :C07D 307/81
 (31) Priority Document No :60/560,917
 (32) Priority Date :09/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012138
 Filing Date :08/04/2005
 (87) International Publication No :WO 2005/099684
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

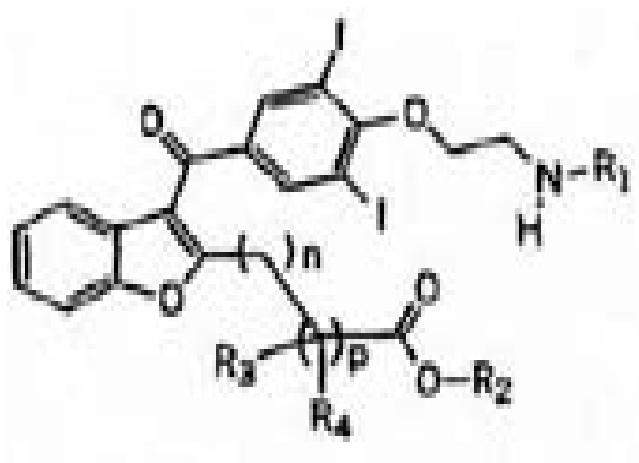
(71)Name of Applicant :
1)ARYX THERAPEUTICS
 Address of Applicant :6300 DUKBARTON CIRCLE, FREMONT, CA
 94555 ,UNITED STATES OF AMERICA U.S.A.
 (72)Name of Inventor :
1)DRUZGAL PASCAL

No of Pages : 29

No of Claims : 15

(57) Abstract :

The subject invention provides compounds of formula (II) for treatment of cardiac arrhythmia and methods of use.



(54) Title of the invention : CHROMATOGRAPHIC EXCLUSION AGGLUTINATION ASSAY AND METHODS OF USE THEREOF.

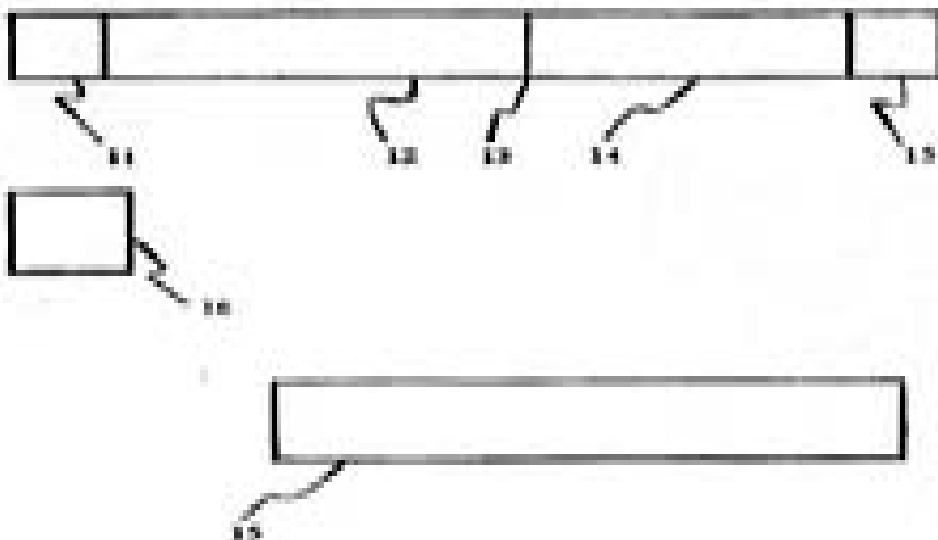
(51) International classification	:G01N 33/53 , G01N 33/558	(71) Name of Applicant : 1)BINAX, INC.
(31) Priority Document No	:60/545, 419	Address of Applicant :217 READ STREET, PORTLAND,MAINE
(32) Priority Date	:17/02/2004	04103 UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/004896	1)TUNER VATHAN
Filing Date	:17/02/2005	2)PIASIO ROGER
(87) International Publication No	:WO 2005/079420	3)PIASIO ERIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 57

No of Claims : 127

(57) Abstract :

The present invention relates to agglutination assays and in particular to chromatographic exclusion assays and methods of use thereof. The present invention includes a novel strategy for determining the presence of one or more analytes on interest in a test sample by using chromatographic exclusion of aggregates of bound detectable specific binding reagents that are accumulated at a particular and non-random location on the test device. In the absence of analytes of interest in the sample under test, the specific detectable binding reagent aggregates are not formed, and hence not excluded from the chromatographic media creating a distinct and readily differentiating event. The present invention is particularly adaptable as a simple test device for detection of diseases or monitoring of treatments at a doctor's office or in the home.



(54) Title of the invention : COMPOSITIONS AND FILMS COMPRISED OF AVIAN FEATHER KERATIN.

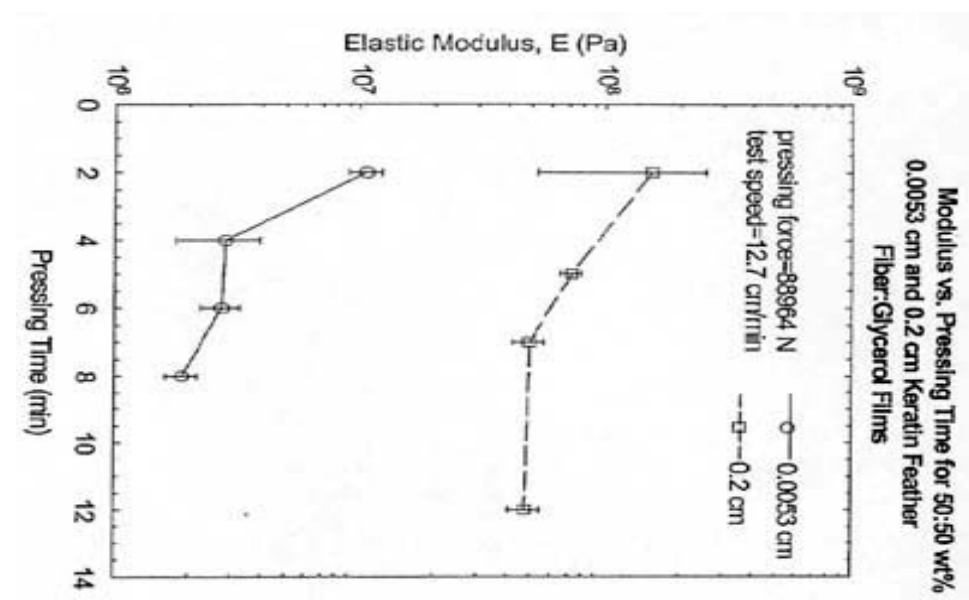
(51) International classification	:A01G 7/00,A01N 25/00,C05F 1/00	(71)Name of Applicant :
(31) Priority Document No	:60/805,558	1)THE UNITED STATE OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
(32) Priority Date	:19/03/2004	Address of Applicant :1400,INDEPENDENCE AVENUE SW
(33) Name of priority country	:U.S.A.	WASHINGTON, DC 20250-0302 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2005/008488	U.S.A.
Filing Date	:15/03/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/089292	1)BARONE, JUSTIN, R.
(61) Patent of Addition to Application Number	:NA	2)SCHMIDT,WALTER, F.
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 15

(57) Abstract :

A composition suitable for making films, wherein the composition contains keratin obtained from avian feathers and at least one OH containing plasticizer Protein-based films containing at least one protein and at least one OH containing plasticizer, wherein the protein is a protein whose PE value is > 2.5 where $PE = (S+T+Y)/C$ where PE is plasticizer efficiency and where S, T, Y, and C are the amino acids serine, threonine, tyrosine, and cysteine, respectively, in the protein. Preferably the protein is keratin obtained from avian feathers.



(54) Title of the invention : RECORDING MEDIUM WITH SEGMENT INFORMATION THEREON AND APPARATUS AND METHODS FOR FORMING RECORDING .

(51) International classification	:G06F12/00; G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:60/553,960	1)LG ELECTRONICS INC
(32) Priority Date	:18/03/2004	Address of Applicant :20, YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR05/000594	(72)Name of Inventor :
Filing Date	:03/03/2005	1)PARK YONG CHEOL
(87) International Publication No	:WO 2005/088637	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 34

(57) Abstract :

A recording medium, such as a high-density and/or optical recording medium including segment information recorded thereon, and apparatus and methods for recording to and reproducing from the recording medium, in order to improve data protection, data management and/or reproduction compatibility.

	Sector in each PAC	Data Byte Position	Description
Common Header for all PACs	0	D ₀ to D ₃	PAC_ID
	0	D ₄ to D ₇	Reserved
	0	D ₈ to D ₁₁	Unknown PAC Rules
	0	D ₁₂ to D ₁₅	Reserved
	0	D ₁₆	Entire Disc Flag
	0	D ₁₇	Number of Segments
	0	D ₁₈ to D ₂₃	Segment_0
	0	D ₂₄ to D ₃₁	Segment_1
	0	...	...
	0	D ₃₂₄ to D ₃₇₁	Segment_31
	0	D ₃₇₂ to D ₃₈₃	Reserved(not used)
	0	D ₃₈₄ to D ₃₉₅	Reserved for Specific PAC
PAC specific information	0	D ₃₈₄ to D ₃₉₅	Reserved for Specific PAC
	1 to 31	D ₀ to D ₃₉₅	Reserved for Specific PAC

(54) Title of the invention : RECORDING MEDIUM, METHOD AND APPARATUS FOR RECORDING ON RECORDABLE RECORDING MEDIUM, AND METHOD FOR MANAGING BACKUP FILES OF THE SAME

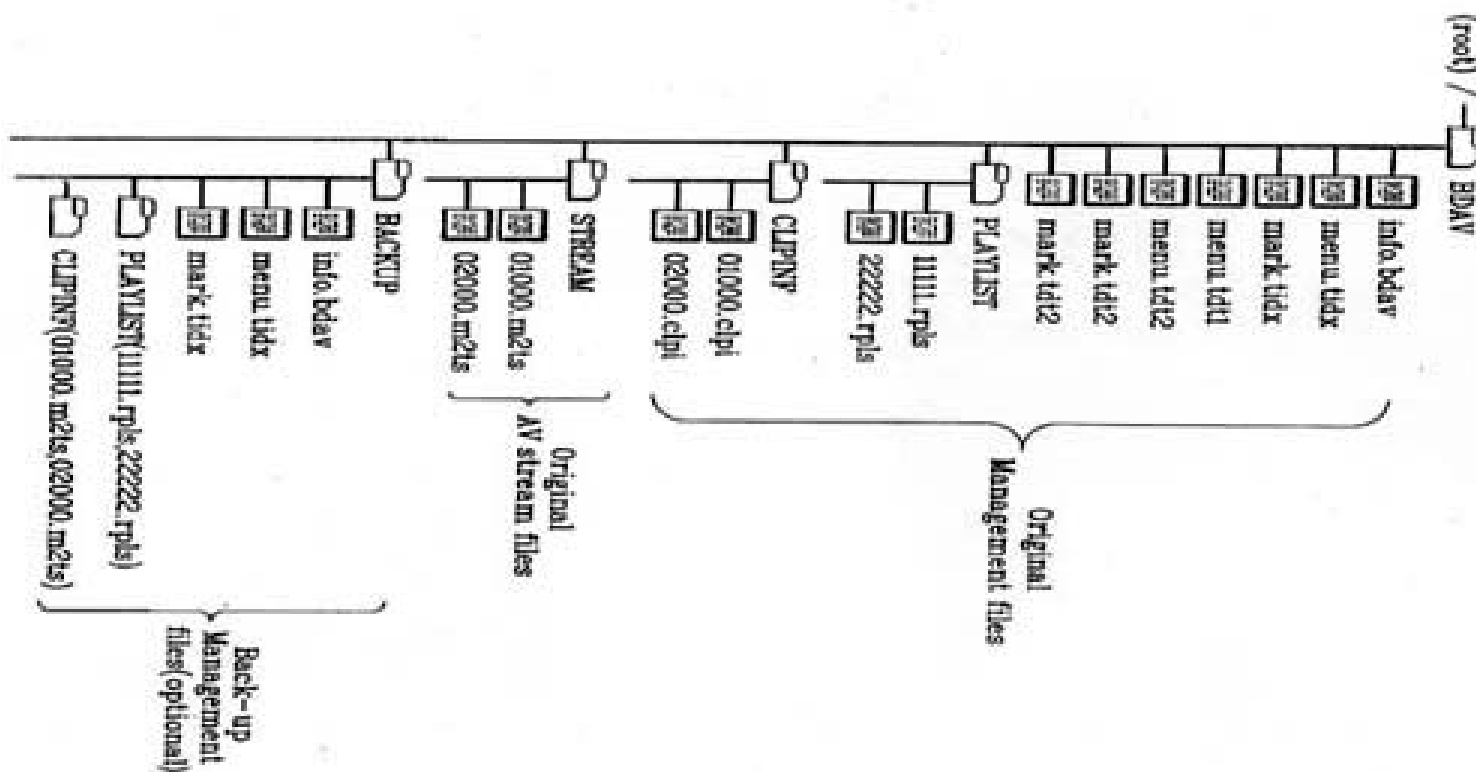
(51) International classification	:G11B20/10; G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:60/552,396	1)LG ELECTRONICS INC
(32) Priority Date	:12/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR05/000670	(72)Name of Inventor :
Filing Date	:10/03/2005	1)SEO KANG SOO
(87) International Publication No	:WO 2005/086599	2)KIM BYUNG JIN
(61) Patent of Addition to Application Number	:NA	3)PARK SUNG WAN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 13

(57) Abstract :

A recording medium, a method and apparatus for recording on a recordable recording medium, and a method for managing backup files of the same are disclosed. The method for recording on a recordable recording medium includes recording original stream files and original management files in a specific area on the recording medium, and recording backup management files corresponding to the original management files in another specific area on the recording medium. Accordingly, more reliable management files can be provided, thereby allowing recording and reproducing of an optical disc to be performed with more efficiency.



(54) Title of the invention : METHODS AND MATERIALS USING SIGNALING PROBES.

(51) International classification :C12Q 1/68;C07H 21/02
 (31) Priority Document No :60/546,075
 (32) Priority Date :18/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/005080
 Filing Date :17/02/2005
 (87) International Publication No :WO 2005/079462
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CHROMOCELL CORPORATION

Address of Applicant :675 U.S. HIGHWAY ONE, NORTH
 BRUNSWICK NEW JERSEY 08902 UNITED STATES OF AMERICA
 U.S.A.

(72)Name of Inventor :

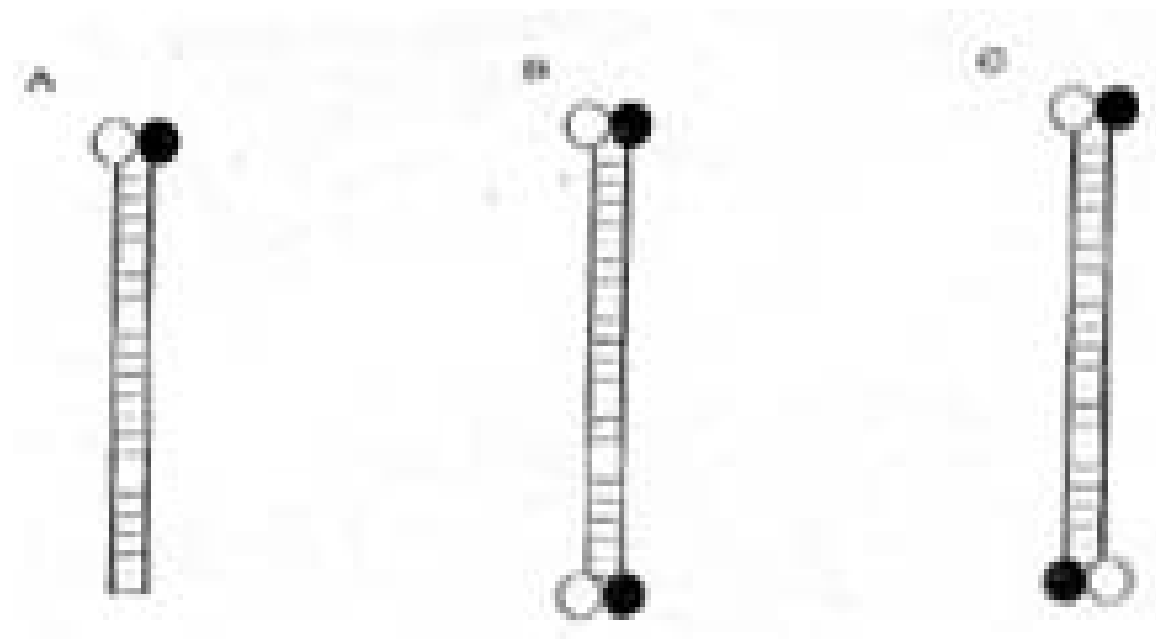
1)SHEKDAR, KAMBIZ**2)SAWCHUK, DENNIS, J.****3)MONTEZ, JASON, M**

No of Pages : 187

No of Claims : 116

(57) Abstract :

The present invention relates to methods of isolating cells or generating cell lines using signaling probes that produce a signal upon hybridization to a target sequence Other methods that utilize the signaling probe include methods of quantifying the level of RNA expression, methods for identifying genetic recombinational events in living cells and methods of generating a transgenic animal using the isolated cells. The invention also provides protease probes Signaling probes and protease probes that form stem-loop structures, three-arm junction structures, and dumbbell structures are provided.



(54) Title of the invention : APPARATUS FOR FEEDING POUCHES AND THEIR RESPECTIVE SPOUTS TO A ROTARY MACHINE FOR THE PROCESSING OF THE SAME AND RELATIVE METHOD

(51) International classification :B65G 47/84
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/IT2004/000506
 Filing Date :17/09/2004
 (87) International Publication No :WO2006/030464
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

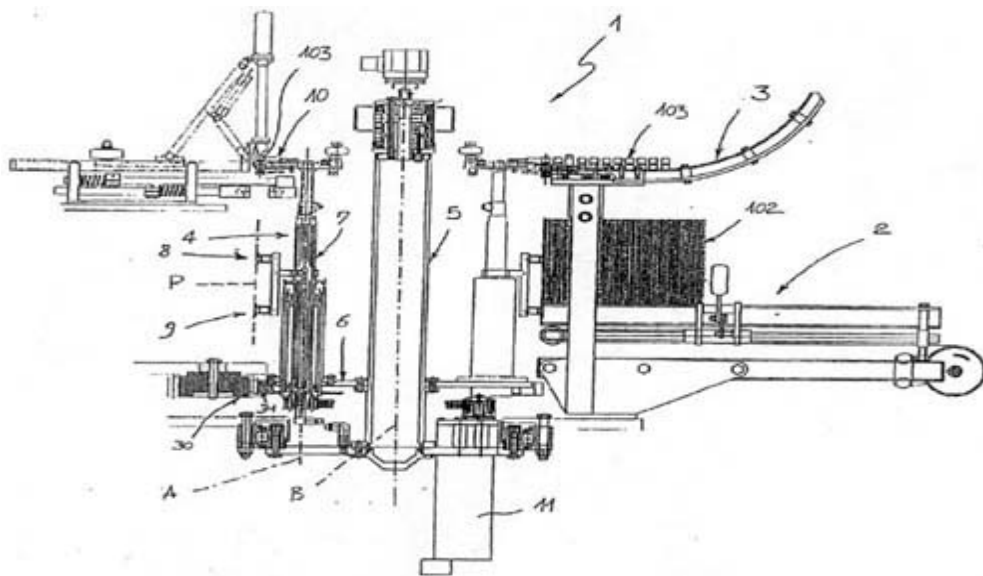
(71)Name of Applicant :
1)INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG.
 Address of Applicant :RUDOLF-WILD-STRASSE 4-6,69214,EPPELHEIM Germany
 (72)Name of Inventor :
1)FURLOTTI,FILIPPO

No of Pages : 13

No of Claims : 11

(57) Abstract :

Apparatus (1) for feeding pouches (102) and their respective spouts (103) to a rotary machine (R) for the processing of the same, comprising at least one magazine (2) for the pouches (102) and at least one magazine (3) for the spouts (103). The apparatus (1) originally comprises a handling unit (4) designed to pick up a pouch (102) and a spout (103) from their respective magazines (2, 3) and feed them simultaneously, and in continuous mode, to the rotary machine (R) that processes them. Said handling unit (4) comprises the means for picking up a pouch (102) and the means for picking up a spout (103). Method for feeding pouches (102) and spouts (103) to a rotary machine (R) for the processing of the same.



(54) Title of the invention : TRANSFER STAR-WHEEL IN PARTICULAR FOR FLEXIBLE CONTAINERS AND METHOD FOR COOLING SAID CONTAINERS.

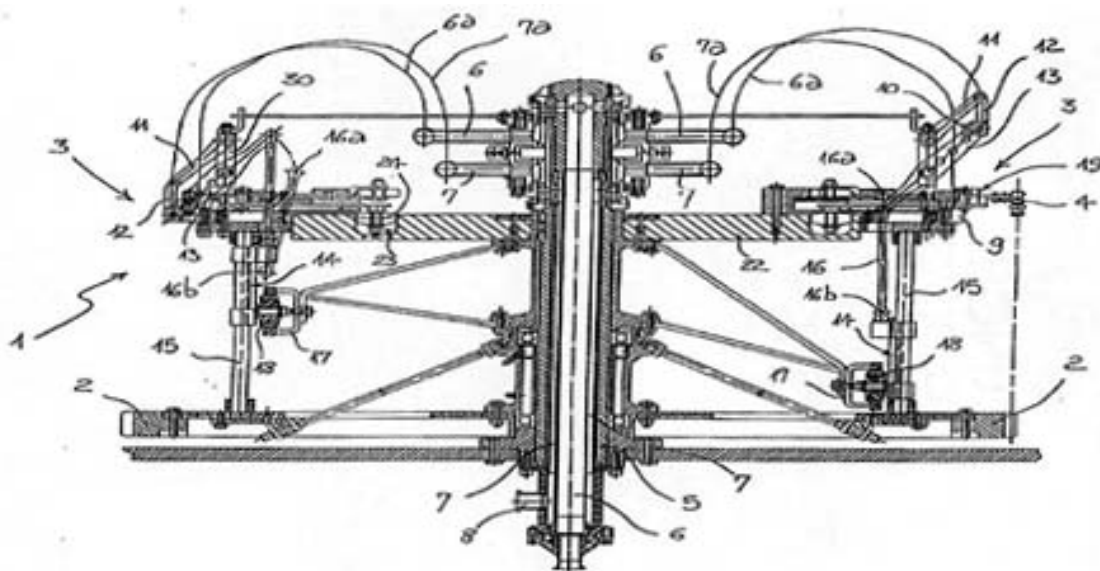
(51) International classification	:B29C65/00; B29C65/80	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG
(32) Priority Date	:NA	Address of Applicant :RUDOLF-WILD-STRASSE 4-
(33) Name of priority country	:NA	6,69214,EPPELHEIM Germany
(86) International Application No	:PCT/IT2004/000152	(72)Name of Inventor :
Filing Date	:25/03/2004	1)FURLOTTI,FILIPPO
(87) International Publication No	:WO2005/092597	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 16

(57) Abstract :

A transfer star-wheel (1) in particular for flexible containers, comprising at least a revolving platform (2), a plurality of stations (3) for the containers located on said platform (2), each of which is provided with means for gripping the containers, and a shaft (5) for supporting the platform (2). In new and original fashion, the star (1) comprises means for cooling previously sealed portions of the containers. A method for cooling flexible containers, comprising a step of forced cooling of the flexible containers simultaneously with a step of transferring the containers.



(54) Title of the invention : SYSTEMS AND METHODS FOR CLONAL EXPRESSION IN PLANTS.

(51) International classification	:C12N 5/14;A01H 5/06	(71) Name of Applicant : 1)FRAUNHOFER USA INC Address of Applicant :46025 PORT STREET, PLYMOUTH, MI 48170, UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:60/546,339	(72) Name of Inventor : 1)YUSIBOV VIDADI 2)SKARJINSKAIA MARINA
(32) Priority Date	:20/02/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/005409	
Filing Date	:18/02/2005	
(87) International Publication No	:WO 2005/081905	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 88

No of Claims : 49

(57) Abstract :

The present invention provides systems and methods for generating clonal root lines, clonal root cell lines, clonal plant cell lines, and clonal plants and for expressing gene products in such cell lines and plants. According to certain of the inventive methods, a viral vector containing a polynucleotide of interest operably linked to a promoter is introduced into a plant or portion thereof. Plant material (e.g., leaf portions) containing the viral vector are used to generate clonal root lines, e.g., by contacting them with *A. rhizogenes* so as to form hairy roots. The hairy roots are derived from single ancestral cells and are therefore clonal. These clonal root lines contain the viral vector and express the polynucleotide of interest. Clonal root cell lines, clonal plant cell lines, and clonal plants are obtained from the clonal roots. According to certain other inventive methods, a viral vector containing a polynucleotide of interest operably linked to a promoter is introduced into cells of a plant cell line (e.g., pre-existing or newly derived) that is maintained in culture. Clonal plant cell lines that express the polynucleotide of interest are obtained, e.g., by successive rounds of enrichment until a population of cells exhibiting stable expression is obtained. Clonal plants whose cells contain the viral vector are obtained from the clonal plant cell lines using standard methods. The invention provides clonal root lines, clonal root cell lines, clonal plant cell lines, and clonal plants generated using the inventive methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2695/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : DESATURASE ENZYMES.

(51) International classification	:A01H 5/00 C12N 15/82	(71) Name of Applicant : 1)THE UNIVERSITY OF YORK Address of Applicant :HERSLINGTON,YORK YO105DD GREAT BRITAIN U.K.
(31) Priority Document No	:0403452.6	(72) Name of Inventor :
(32) Priority Date	:17/02/2004	1)GRAHAM,IAN;
(33) Name of priority country	:U.K.	2)TONON,THIERRY;
(86) International Application No	:PCT/GB2005/000549	
Filing Date	:17/02/2005	
(87) International Publication No	:WO/2005/080578	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 109

No of Claims : 14

(57) Abstract :

We describe transgenic cells transformed with nucleic acid molecules which encode enzymes with desaturase activity and the use of these cells and enzymes in biocatalysis.

(54) Title of the invention : DEVICE FOR MANAGING AN ELECTRICAL POWER FAILURE IN AN, IN PARTICULAR, YARN TRANSFORMATION TEXTILE MACHINE.

(51) International classification :D01H1/32;
H02J9/06
(31) Priority Document No :0450559
(32) Priority Date :22/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050151
Filing Date :09/03/2005
(87) International Publication No :WO/2005/093141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

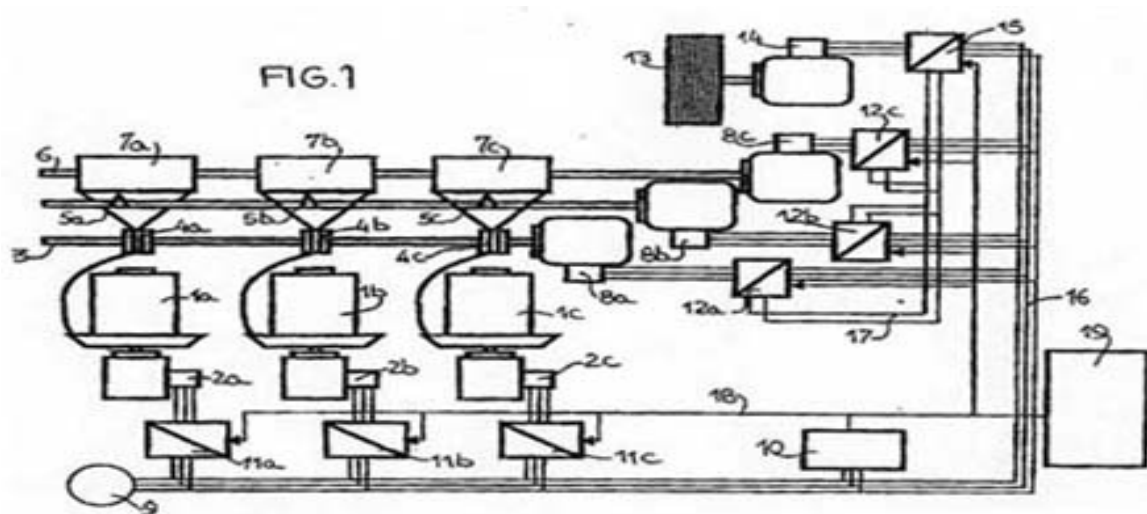
(71)Name of Applicant :
1)RIETER TEXTILE MACHINERY FRANCE
Address of Applicant :ALLEE CHARLES BARON, Z.I.LES
AUREATS, F-26014 VALENCE CEDEX, FRANCE
(72)Name of Inventor :
1) POTHIER, PHILIPPE

No of Pages : 16

No of Claims : 5

(57) Abstract :

Device for managing an electrical power failure in, in particular, a yarn transformation textile machine comprises: means for advancing the yarns subjected to the action of motor devices controlled by frequency converters or changers (12a, 12b) supplied by a common direct current bus (17); a monitoring/control system (19) supplied by the same direct current bus; and means for processing the yarns provided in the form of power spindles (1a, 1b, 1c), particularly being subjected to the action of individual motor devices controlled by frequency converters or changers (11a, 11b, 11c). The power spindles (1a, 1b, 1c) are not supplied by the direct current bus, but are self-powered and autonomous. The set of yarn advancing elements are on the direct current bus (17) whose supply is maintained by a flywheel (13) so that the two systems are, in total, electrically independent, and only the value of the ramps of both avoids any voltage fault.



(54) Title of the invention : METHOD, CONTROL DEVICE AND DRIVE DEVICE FOR DETACHING A CHARGE STUCK TO THE INNER WALL OF A GRINDING PIPE

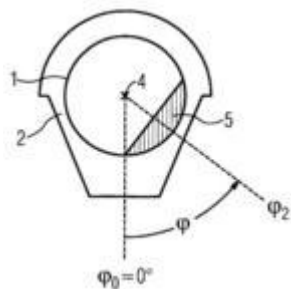
(51) International classification	:B02C 17/18	(71)Name of Applicant :
(31) Priority Document No	:102004015057.5	1)SIEMENS AKTIENGESellschaft
(32) Priority Date	:25/03/2004	Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen, Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP05/051029	(72)Name of Inventor :
Filing Date	:08/03/2005	1)Norbert Becker
(87) International Publication No	:WO 2005/092508	2)Stefan Smits
(61) Patent of Addition to Application Number	:NA	3)Kurt Tischler
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 18

(57) Abstract :

The invention relates to a method for detaching a charge (5) which is stuck to the inner wall of a grinding pipe (1), wherein the drive device (2) of the grinding pipe (1) is controlled by a control device (3) for targeted removal of the charge (5) that is stuck. The grinding pipe (1) is rotated in a targeted manner such that the charge (5) that is stuck is removed from the inner wall of the grinding pipe (1) as a result of multiple modification of the rotational speed of the grinding pipe (1) and, optionally, as a result of abrupt braking of the grinding pipe (1). Generally speaking, the material-dependent maximum angle of rotation F of the grinding pipe is not exceeded in order to avoid the charge that is stuck from falling in an uncontrolled manner. The invention supersedes labour-intensive and protracted methods for detaching such charges (5) since the tasks can be carried out by the same motor of the drive device (2) which is used to drive the grinding pipe (1) during the grinding process.



(54) Title of the invention : WIND ENERGY UNIT.

(51) International classification	:H02J3/38; H02P9/00
(31) Priority Document No	:102004013131.7
(32) Priority Date	:17/03/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/051003
Filing Date	:07/03/2005
(87) International Publication No	:WO 2005/091490
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERLATZ 2,800333
 MUNCHEN GERMANY Germany

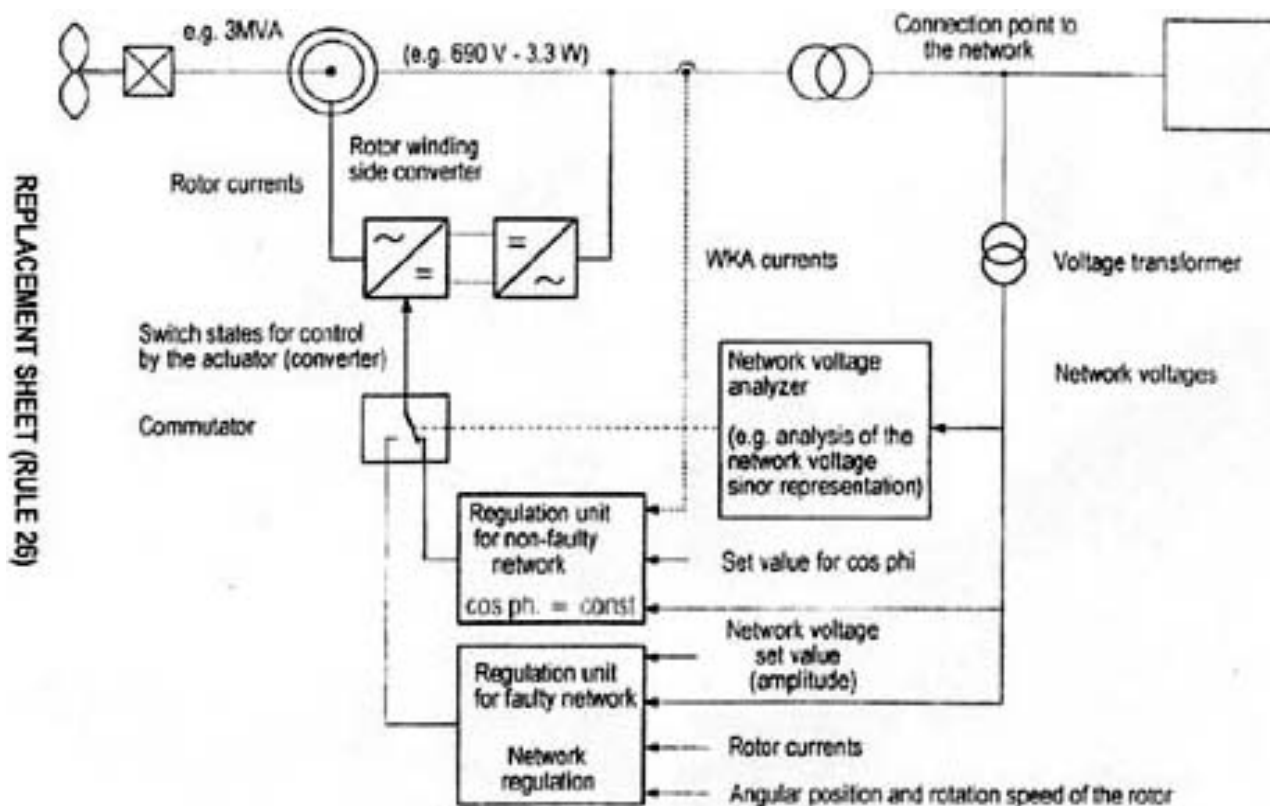
(72)**Name of Inventor :**
1)JORG FLOTTEMESCH
2)HERMANN HOLFELD
3)STEPHAN SCHALLER
4)MICHAEL WEINHLOD

No of Pages : 7

No of Claims : 8

(57) Abstract :

The invention relates to a wind energy unit, connected to an electrical 3-phase AC network, comprising a generator with a rotor, provided with a regulator device, whereby the regulator device comprises a first and a second regulation unit. A network voltage analyzer is connected to the regulator device and the electrical 3-phase AC network, by means of which a network fault can be recognized, said network fault being defined as a deviation of the network voltage sinor representation from a given set interval, whereby the second regulation unit takes over control from the first regulation unit in the case of a recognized fault and the first regulation performs the control for a non-faulty 3-phase AC network.



(54) Title of the invention : WINDOW LIFT SYSTEM AND METHOD FOR FITTING A WINDOW PANE.

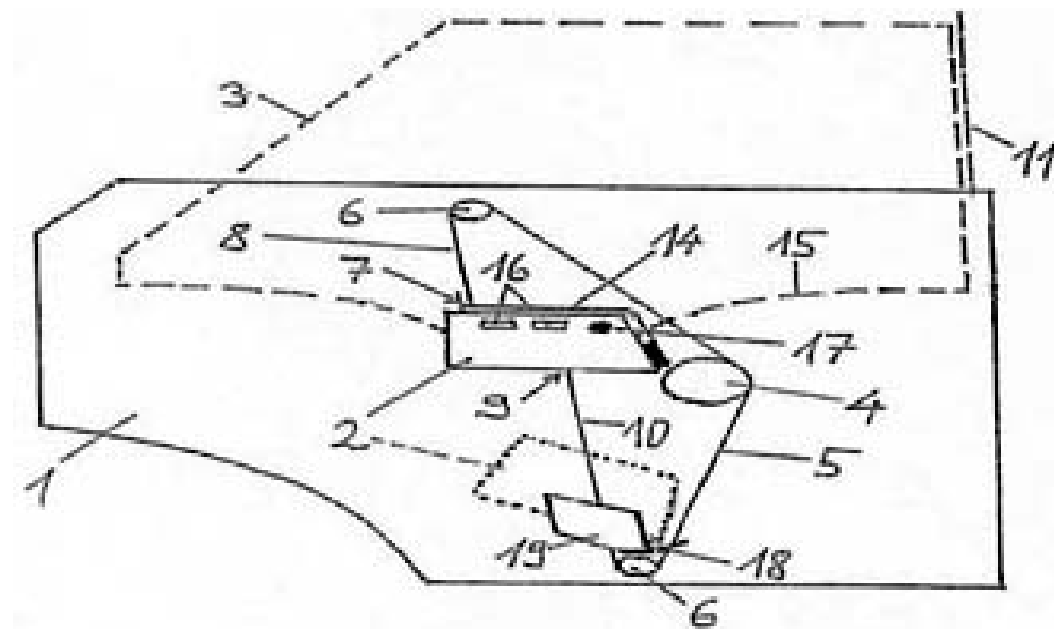
(51) International classification	:E05F11/38; E05F11/48	(71)Name of Applicant :
(31) Priority Document No	:102004017645.0	1) FAURECIA INNENRAUM SYSTEME GMBH,
(32) Priority Date	:02/04/2004	Address of Applicant :FAURECIASTRASSE 1,76767 HAGENBACH
(33) Name of priority country	:Germany	GERMANY, A GERMAN COMPANY Germany
(86) International Application No	:PCT/EP2005/003614	(72)Name of Inventor :
Filing Date	:01/04/2005	1)BERNHARD ECKHARDT
(87) International Publication No	:WO 2005/095745	2)BERNHARD SIELHORST
(61) Patent of Addition to Application Number	:NA	3)ENRICO SCHLIWA
Filing Date	:NA	5)HARALD KOLLNER
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 15

(57) Abstract :

The invention relates to a window lift system, especially for the side window of a motor vehicle. The window lift system comprises a pulling device and a catch (2) for a window pane (3), which can be moved up and down by means of said pulling device. Said catch (2) has a first fastening point (7) for an upward pulling end (8) of the pulling device and a second fastening point (9) for a downward pulling end (10) of the pulling device, which point is horizontally off-set from the first fastening point (7) in the window pane plane when the window pane (3) is fitted. The window lift system also comprises means for positioning and fixating the catch (2) in terms of at least three degrees of freedom so that the catch (2) can be maintained in a position that is defined in terms of the degrees of freedom even when the window pane (3) is not yet fitted. The invention also relates to a door or side-panel module and to an automotive side door comprising such a window lift. The invention finally relates to a simplified method for fitting a window pane (3) in a corresponding window lift system.



(54) Title of the invention : SADDLE-RIDE TYPE MOTOR VEHICLE.

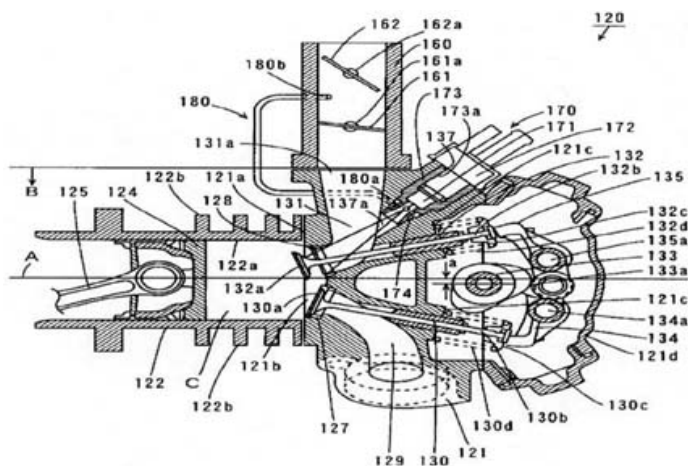
(51) International classification	:B62K11/00; F02M53/08	(71)Name of Applicant :
(31) Priority Document No	:2004-101190	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(32) Priority Date	:30/03/2004	Address of Applicant :2500 Shingai,Iwata-shi,shizuoka-ken 438-8501
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2005/005405	(72)Name of Inventor :
Filing Date	:24/03/2005	1)Wataru ISHII
(87) International Publication No	:WO2005/098231	2)Hiroyuki TSUZUKU
	A1	3)Toshiharu HANAJIMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66

No of Claims : 32

(57) Abstract :

An air-cooled engine is hung and fixed under a rear part of a backbone of a body frame. The engine is disposed so that the center axis of a cylinder in its cylinder block extends approximately horizontally and so that its cylinder head is directed toward the front. A fuel injection device is located between an intake valve and an intake port in the cylinder head. An injection nozzle of the fuel injection device and an intake valve opening are placed at a short distance. While the vehicle is idling or running at low speed, the vicinity of the tip of an injector of the fuel injection device is cooled by assist air supplied from a throttle body through a secondary passage, and when the vehicle runs normally or at high speed, the fuel injection device is cooled by the wind that hits the cylinder head.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2701/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : HIGH SURFACE AREA CERAMIC COATED FIBERS.

(51) International classification :C03C 25/10
(31) Priority Document No :10/797,582
(32) Priority Date :10/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/008008
Filing Date :10/03/2005
(87) International Publication No :WO2005/087679 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

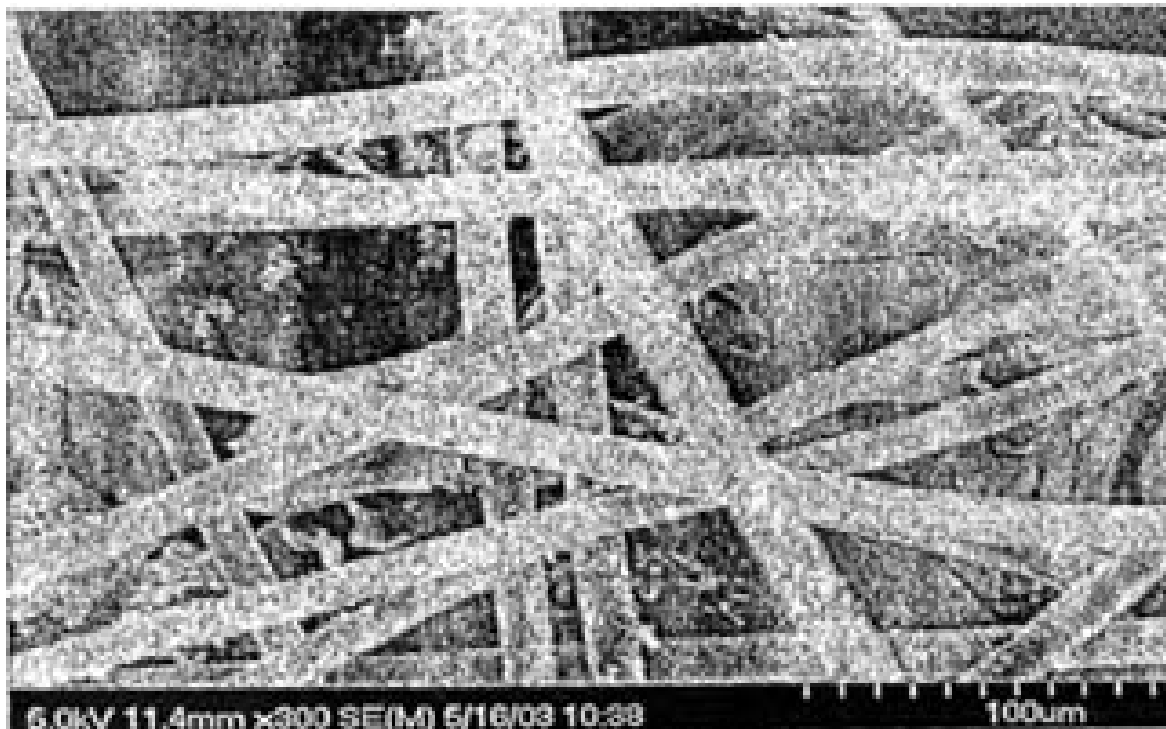
(71)Name of Applicant :
1)THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Address of Applicant :352 Henry Administration Buiding,506 Wright,Urbana, Illinois 61801 U.S.A.
(72)Name of Inventor :
1)SHANG,JIAN-KU
2)XIE,RONGCAI
3)YUE,ZHONGREN
4)ECONOMY,JAMES

No of Pages : 21

No of Claims : 31

(57) Abstract :

A method of manufacturing a ceramic coated fiber comprises heat treating an activated carbon coated fiber containing a ceramic precursor, to form a ceramic coated fiber.



(54) Title of the invention : VARIABLE DELAY LINE USING TWO BLENDER DELAYS.

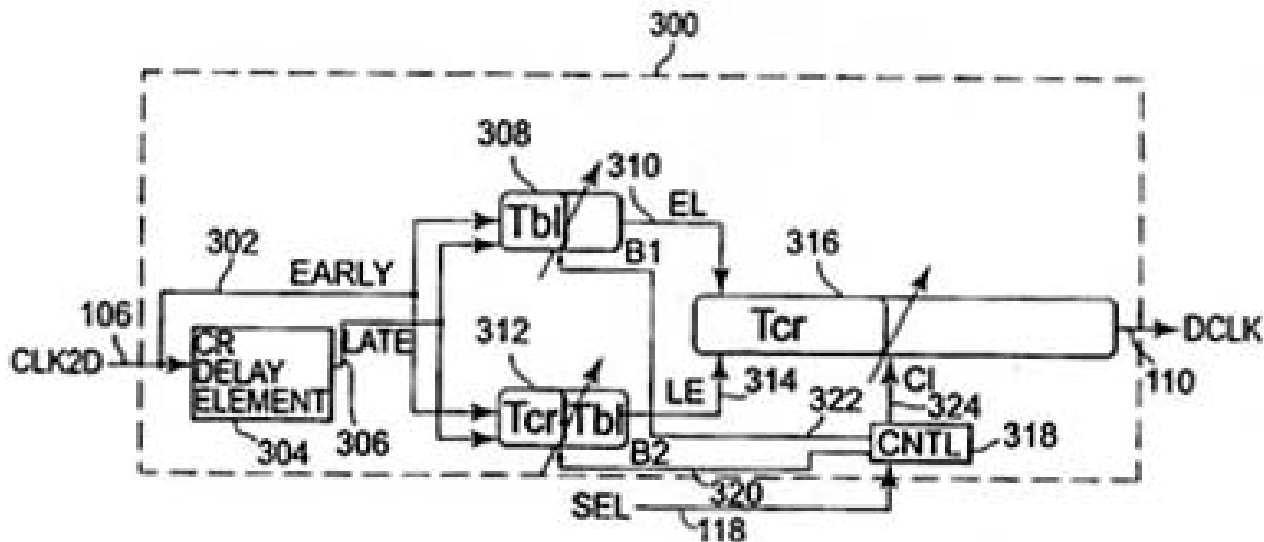
(51) International classification	:H03L7/081; H03L7/08	(71)Name of Applicant :
(31) Priority Document No	:10/974,564	1)INFINEON TECHNOLOGIES AG
(32) Priority Date	:27/10/2004	Address of Applicant :St.-Martin-str.53,81669 Munich Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/011309	1)MINZONI ALESSANDRO
Filing Date	:20/10/2005	
(87) International Publication No	:WO2006/045538 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 22

(57) Abstract :

A variable delay line comprises a first blender delay configured to provide a first signal, a second blender delay configured to provide a second signal complementary to the first signal, and a coarse delay configured to delay the first signal if an even number of coarse delay elements are selected and delay the second signal if an odd number of coarse delay elements are selected.



(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT THEREFOR.

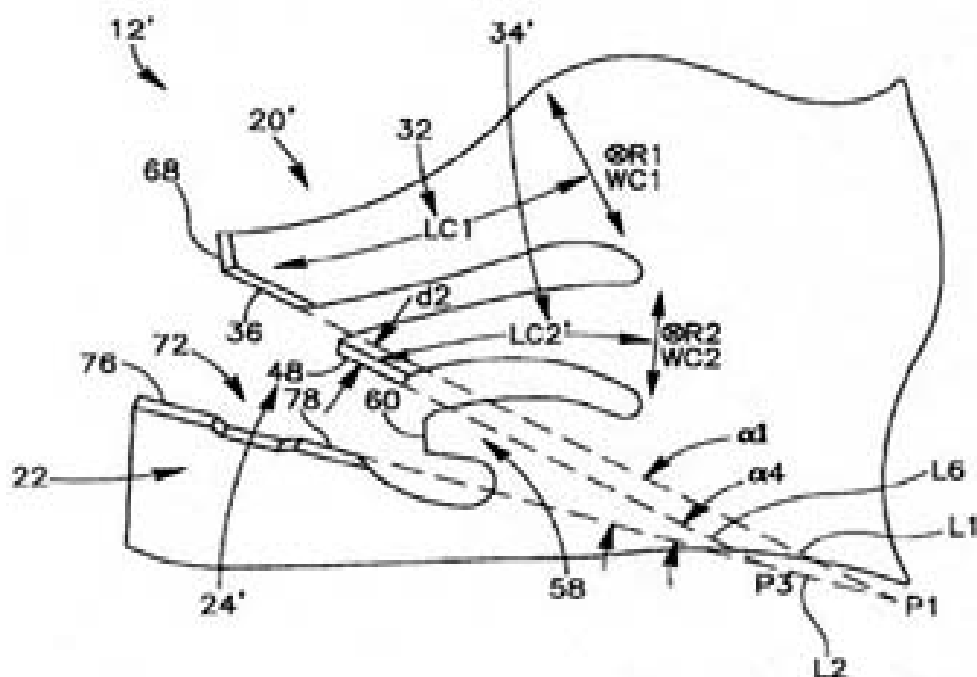
(51) International classification	:B23B27/04; B23C5/08	(71) Name of Applicant : 1)ISCAR LTD.,
(31) Priority Document No	:160935	Address of Applicant :P.O Box 11,Tafen 24959 Israel
(32) Priority Date	:18/03/2004	(72) Name of Inventor :
(33) Name of priority country	:Israel	1)HECHT,GIL
(86) International Application No	:PCT/IL2005/000220	
Filing Date	:23/02/2005	
(87) International Publication No	:WO2005/087415	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 27

(57) Abstract :

A cutting tool comprising an insert holder and a cutting insert. The insert holder having a clamping portion comprising a base jaw a clamping jaw and an insert pocket there between. The clamping jaw comprises two independently resilient elongated sub-clamping jaws separated by an elongated recess. The cutting insert is resiliently clamped in the insert pocket between the two elongated sub-clamping jaws and the base jaw.



(54) Title of the invention : WHEELED PATIENT STRETCHER WITH ATTENDANT PLATFORMS.

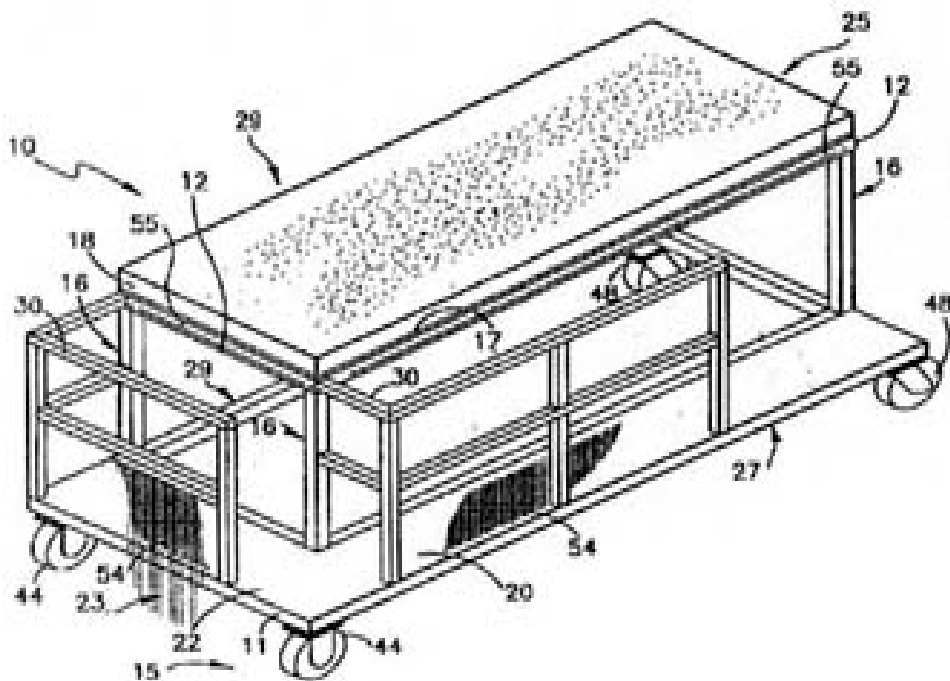
(51) International classification	:A61G1/02; A61G7/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAGASSEY,PAUL
(32) Priority Date	:NA	Address of Applicant :P.O.BOX 643207 Vero Beach Florida 32964
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/007991	(72)Name of Inventor :
Filing Date	:16/03/2004	1)LAGASSEY,PAUL
(87) International Publication No	:WO2005/094753 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 34

(57) Abstract :

A wheeled patient support assembly (10) that allows a patient (60) and at least one medical attendant (65), to be moved while the medical attendant(s) administer medical treatment the patient comprising a patient support surface (18) rolling mechanisms (44) or other means for moving the assembly over the floor, at least one attendant support platform(s) (20, 22) built into or connected with the assembly and constructed to support the weight of one or more attendant(s) and being positioned so the attendant(s) can safely stand on the platform section(s) and treat the patient while the assembly is being moved, and including safety railings (30) to prevent the attendant(s) (65) from falling off the assembly. Further the assembly is designed and constructed to be stable to prevent it from tipping, leaning or becoming unstable while in use. The object of the invention is to allow a patient to be moved simultaneously while emergency medical care is administered.



(54) Title of the invention : CAM WEAVE MECHANISM, WEAVING MACHINE FITTEDTHEREWITH,METHOD FOR ASSEMBLING SAID MECHANISM.

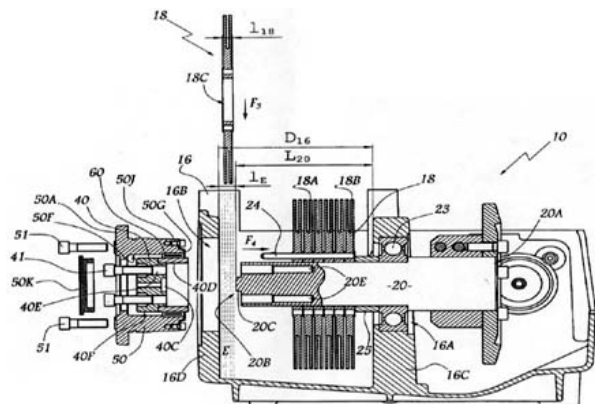
(51) International classification	:D03C5/02; D03C5/00	(71)Name of Applicant :
(31) Priority Document No	:0403217	1)STAUBLI FAVERGES a French Corporation
(32) Priority Date	:29/03/2004	Address of Applicant :Place Robert Staubli F-74210 FAVERGES
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2005/000730	(72)Name of Inventor :
Filing Date	:25/03/2005	1)PAGES,Jean-Pierre
(87) International Publication No	:WO2005/098108 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 10

(57) Abstract :

The mechanism (10) comprises several cams (18) which are mounted on a common drive shaft (20) and provided with roller tracks (18A, 18B) for cam followers that are mounted on oscillating levers, wherein the drive shaft is supported with the aid of two openings (16A, 16B) which are made in the two single-pieced parts (16C, 16D) of the frame (16) of the mechanism (10) and whereby the shaft runs through one thereof (16A). The shaft (20) extends from the first opening (16A) in the direction of the second opening (16B) along a length (L20) which is less than the distance (D16) between said openings (16A, 16B), and detachable means (40, 50), which form an extension piece and a support, join the end (20B) of the shaft (20) located between the openings (16A, 16B) to the second opening (16B) and the difference (IE) between the distance (D16) between the openings (16A, 16B) and the length (L20) along which the shaft (20) extends between the openings is greater than the width (I18) of a cam (18).



(54) Title of the invention : PROCESS FOR THE PREPARATION OF ROSIGLITAZONE.

(51) International classification :C07D 417/12
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country NA
 (86) International Application No :PCT/EP2004/005098
 Filing Date :12/05/2004
 (87) International Publication No :WO2005/108394 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MEDICHEM S.AAddress of Applicant :Fructures Gelabert,6-8 E-08970 Sant Joan Despl
Spain

(72)Name of Inventor :

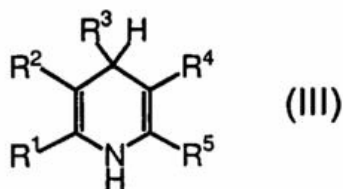
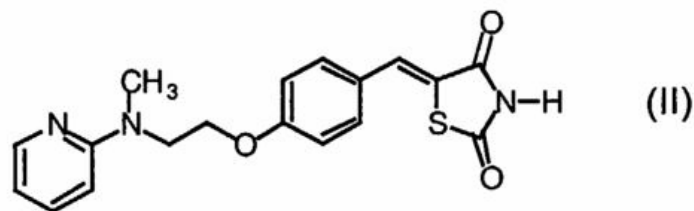
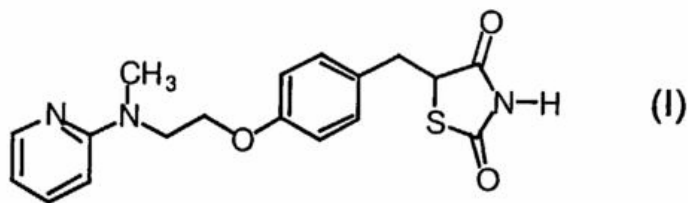
1)DURAN LOPEZ,Ernesto**2)TOJO SUAREZ,Gabriel**

No of Pages : 18

No of Claims : 24

(57) Abstract :

The present invention relates to a process for the preparation of 5-{4-[2-(N-methyl-N-(2-pyridyl)amino)ethoxy]benzyl-2,4-thiazolidinedione of formula (I) (Rosiglitazone), which comprises the reaction of 5-{4-[2-(N-methyl-N-(2-pyridyl)amino)thoxyl]benzylidene-2,4-thiazolidinedione of formula (II), with a 1,4-dihydropyridine of general formula (III).



(54) Title of the invention : FIBER ACCESS TERMINAL

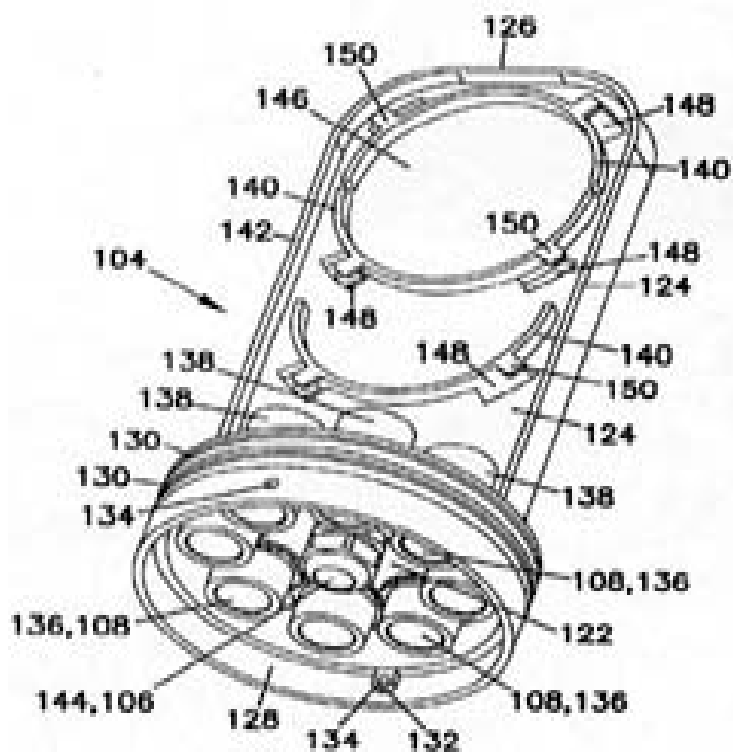
(51) International classification	:G02B6/38; G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:60/551,184	1)ADC TELECOMMUNICATIONS,INC
(32) Priority Date	:08/03/2004	Address of Applicant :13625 Technology Drive Eden Prairie Minnesota
(33) Name of priority country	:U.S.A.	55344-2252 U.S.A.
(86) International Application No	:PCT/US2005/007695	(72)Name of Inventor :
Filing Date	:08/03/2005	1)RUDENICK,Paula
(87) International Publication No	:WO2005/088373 A1	2)SMITH,Trevor D
(61) Patent of Addition to Application Number	:NA	3)NELSON,Keith
Filing Date	:NA	4)GRONVALL,Erick
(62) Divisional to to Application Number	:NA	5)MERTESDORF,Daniel Ray
Filing Date	:NA	6)TINUCCI,Thomas C.
		7)FERRIS,Matthew D.

No of Pages : 33

No of Claims : 19

(57) Abstract :

A fiber access terminal for mounting to the end of a fiber distribution cable and configured to be extended through a buried conduit. The fiber distribution cable may include a plurality of optical fibers and enters a housing of the terminal through a base. The terminal also includes a plurality of fiber optic connectors or adapters extending through the housing in generally the same direction as the fiber distribution cable for connecting to optical fiber customer drop cables. The terminal includes a cover and the housing defining an interior and the interior includes a cable slack storage arrangement providing bend radius protection for the optical fiber cables within the interior. A method of assembling a fiber access terminal. A fiber access terminal assembly including a pedestal mounting arrangement.



(54) Title of the invention : TEST-TUBE AGITATION DEVICE, COMPRISING MEANS FOR THE OPTICAL DETECTION OF A TEST-TUBE.

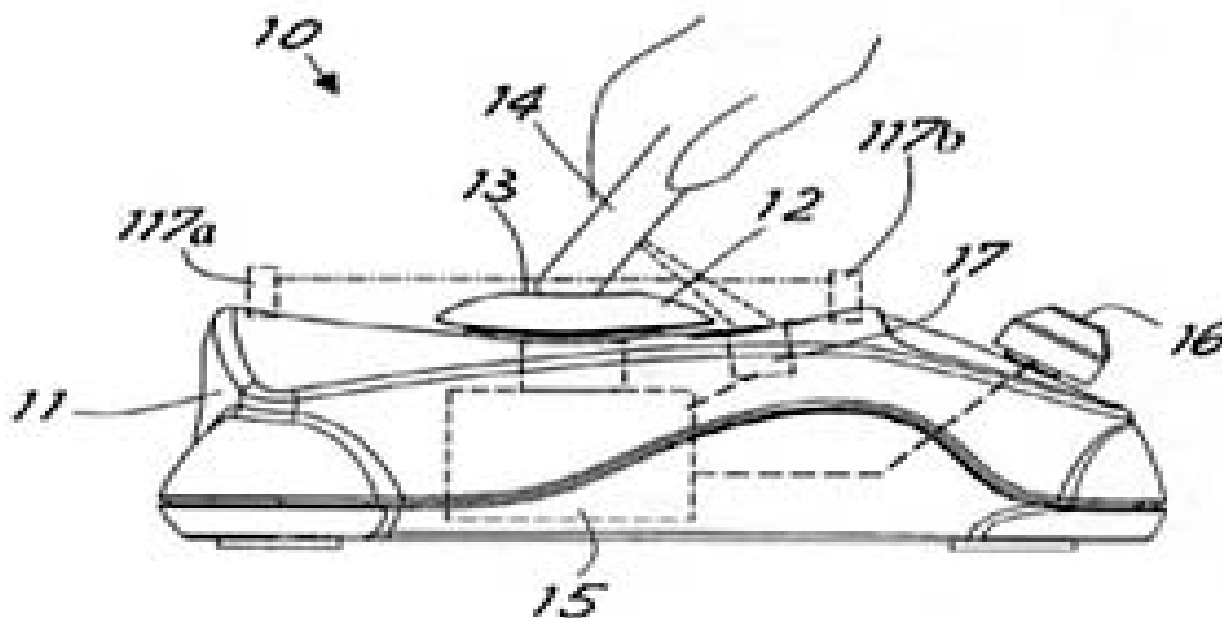
(51) International classification	:B01F11/00; B01F15/00	(71)Name of Applicant : 1)PASSONI GIOVANNI
(31) Priority Document No	:MI2004U000137	Address of Applicant :Via provinciale 34 22030 Eupilio CO Italy
(32) Priority Date	:31/03/2004	(72)Name of Inventor : 1)PASSONI GIOVANNI
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/EP2005/003139	
Filing Date	:24/03/2005	
(87) International Publication No	:WO2005/094977 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 8

(57) Abstract :

A powered test-tube agitation device (10) includes a small plate (12) having a rest (13) for a test tube (14) to be agitated and operated in agitation by a powered mechanism (15). The powered mechanism (15) is started by means (17,117) of optical detection of the entry of an object into a predetermined zone above the small plate. Advantageously the detection means are photoelectric infrared reflection detection means (17).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING AN AROMATIC CARBONATE.

(51) International classification	:C07C 69/96	(71)Name of Applicant :
(31) Priority Document No	:2004-179800	1)Asahi Kasei ChemicalsCorporation a Japanese Corporation
(32) Priority Date	:17/06/2004	Address of Applicant :1-2,Yuraku-cho 1-chome, chiyoda-ku,Tokyo
(33) Name of priority country	:Japan	100-8440 Japan
(86) International Application No	:PCT/JP2005/011138	(72)Name of Inventor :
Filing Date	:17/06/2005	1)Mashiro TOJO
(87) International Publication No	:WO2005/123657	2)Hironori MIYAJI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 73

No of Claims : 7

(57) Abstract :

A process for producing an aromatic carbonate, which comprises the steps of: (I) transesterifying a starting material selected from the group consisting of a dialkyl carbonate, an alkyl aryl carbonate and a mixture thereof with a reactant selected from the group consisting of an aromatic monohydroxy compound, an alkyl aryl carbonate and a mixture thereof, in the presence of a catalyst, to thereby obtain a high boiling point reaction mixture comprising an aromatic carbonate (a) and an aromatic carbonate ether (b), while withdrawing a low boiling point reaction mixture containing a low boiling point by-product; and (II) separating the aromatic carbonate ether (b) from the high boiling point reaction mixture to thereby obtain a high purity aromatic carbonate.

(54) Title of the invention : WIND POWERED TURBINE IN A TUNNEL.

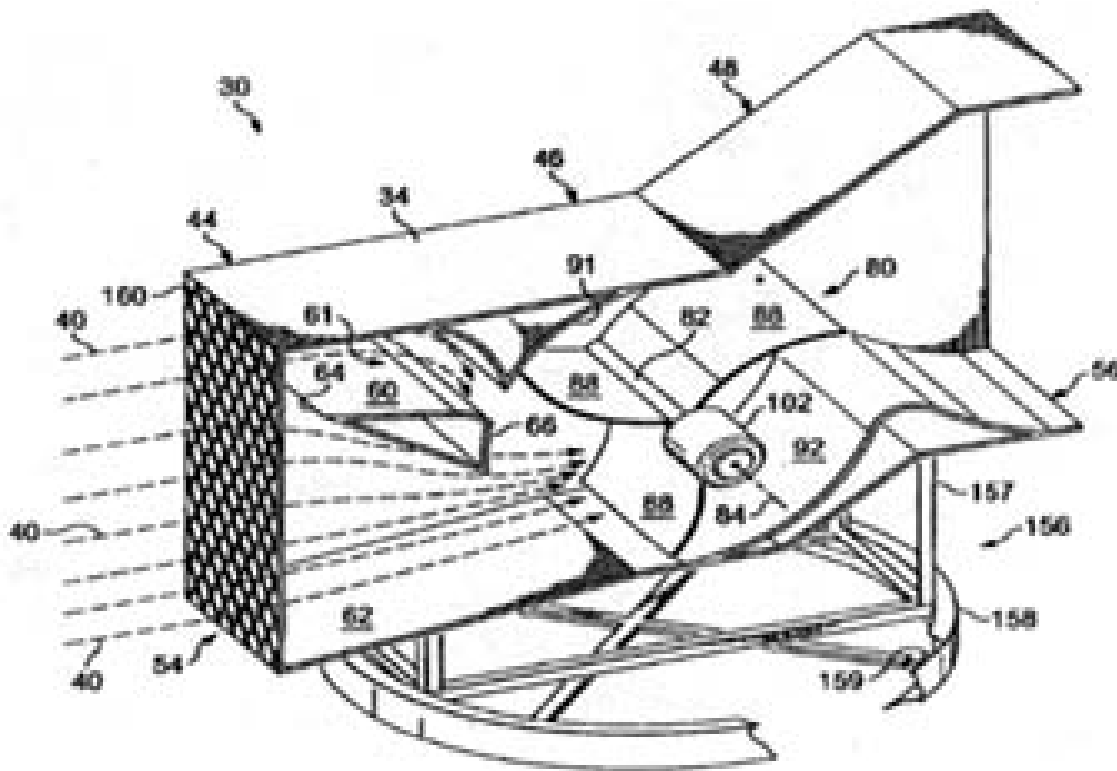
(51) International classification	:F21L4/02; F21V29/00	(71)Name of Applicant :
(31) Priority Document No	:10/796,369	1)FAN,Leon
(32) Priority Date	:09/03/2004	Address of Applicant :2707 Devonshire Dr.,Carrolton Texas 75007, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/008200	1)FAN,Leon
Filing Date	:09/03/2005	
(87) International Publication No	:WO2005/086959 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 38

No of Claims : 32

(57) Abstract :

A wind powered turbine (30) has a conduit (34). A middle conduit portion (46) is located between inlet and outlet conduit portions (44, 48), having a main inlet (54) and outlet (56) of the conduit (34), respectively. A rotor (80) having a shaft (82) with blades (88) extending therefore is located in the middle conduit portion (46). The blades (88) are located completely within the middle conduit portion (46). Preferably, a splitter (60) is located in the inlet conduit portion (44) to provide upper and lower sub-tunnels (61, 62) that both feed into the middle conduit portion (46). Upper and lower interior walls (91, 92) of the middle conduit portion (46) have substantially circular plane shapes that are substantially centered at the rotational axis (84) of the shaft (82). Clearance gaps (93, 94) are located between the blades (88) and the upper and lower interior walls (91, 92), respectively.



(54) Title of the invention : METHOD AND ARRANGEMENT FOR STATE MEMORY MANAGEMENT.

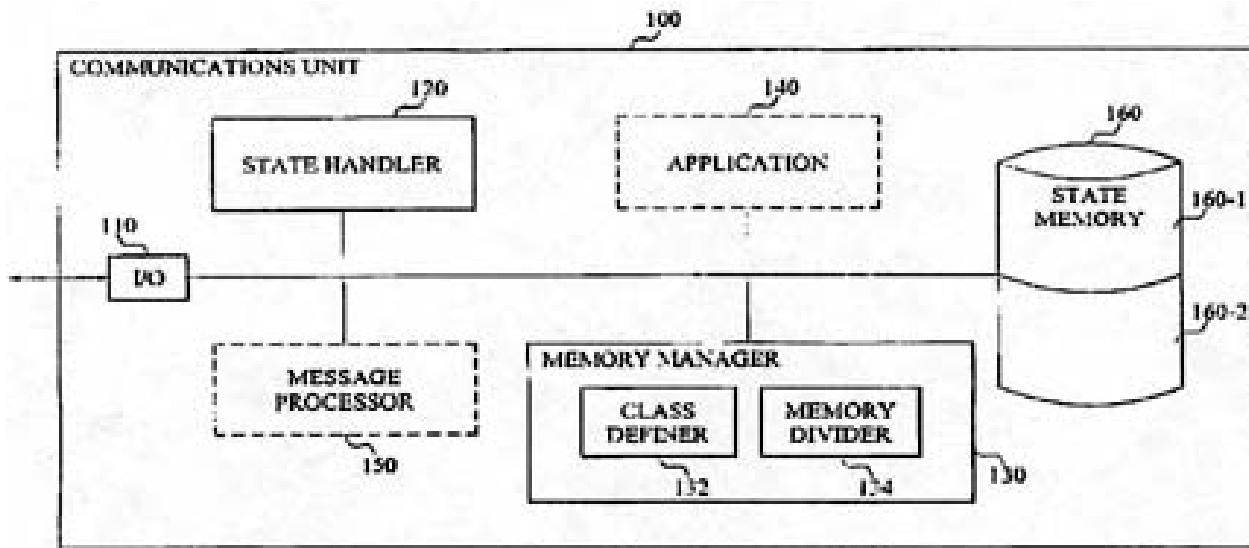
(51) International classification	:G06F12/00; H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:60/545,470	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:19/02/2004	Address of Applicant :S-16483 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2004/001084	1)CHRISTOFFERSSON,Jan
Filing Date	:02/07/2004	2)HANNU,Hans
(87) International Publication No	:WO2005/081494 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 26

(57) Abstract :

The present invention relates to management of a state memory (160) in a communications unit (100-1). The state memory (160) then stores states that are used in message-based communication with external units (100-2, 100-3, 100-4; 200) in a communications system (1). The data message communicated between the units (100-1, 100-2, 100-3, 100-4; 200) are defined into multiple message classes. Furthermore, the state memory (160) is divided into multiple memory portions (160-1, 160-2), where each such memory portion (160-1, 160-2) is assigned to store states associated with a specific message class. This will prevent overwriting important states with less useful states.



(54) Title of the invention : METHODS AND DEVICES FOR LOW-FREQUENCY EMPHASIS DURING AUDIO COMPRESSION BASED ON ACELP/TCX

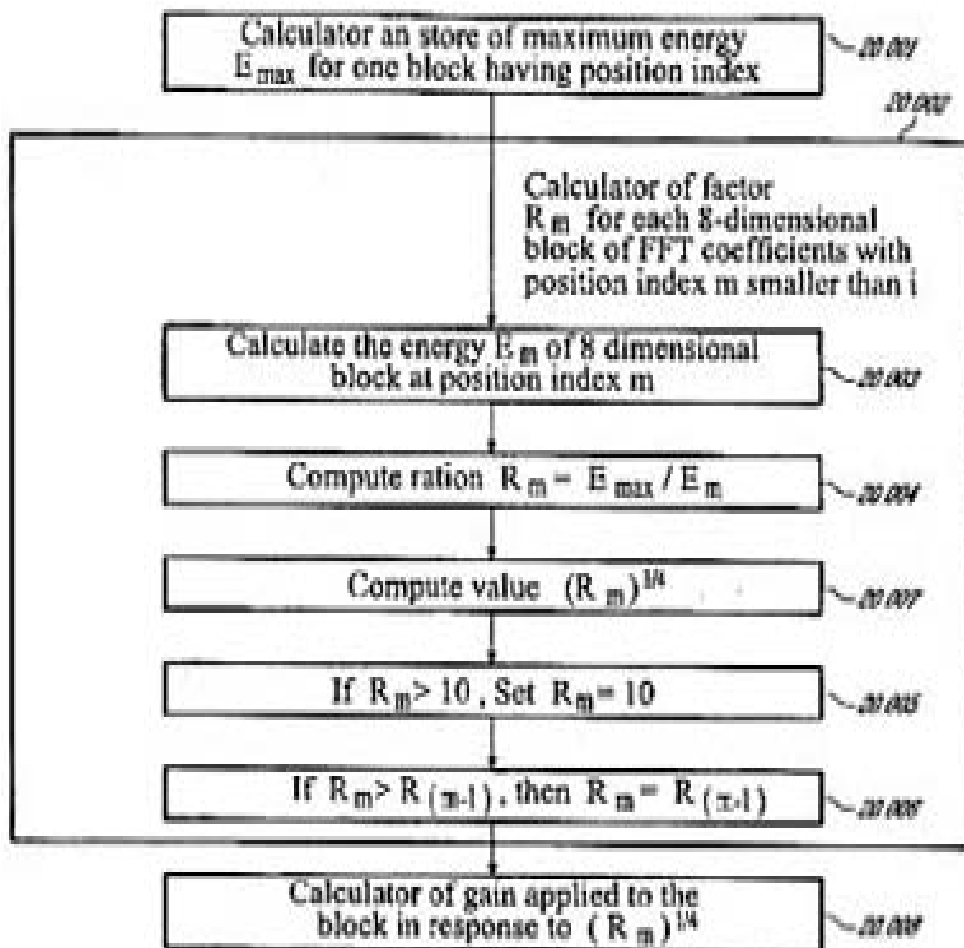
(51) International classification	:G10L19/04; G10L19/12	(71)Name of Applicant :
(31) Priority Document No	:2,457,988	1)VOICEAGE CORPORATION
(32) Priority Date	:18/02/2004	Address of Applicant :750 CHEMIN LUCERNE,SUITE 250,VILLE
(33) Name of priority country	:Canada	MONT-ROYAL,QUEBEC H3R 2 H6 Canada
(86) International Application No	:PCT/CA2005/000220	(72)Name of Inventor :
Filing Date	:18/02/2005	1)BESSETTE BRUNO
(87) International Publication No	:WO2005/078706 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 130

No of Claims : 34

(57) Abstract :

An aspect of the present invention relates to a method for low-frequency emphasizing the spectrum of a sound signal transformed in a frequency domain and comprising transform coefficients grouped in a number of blocks, in which a maximum energy for one block is calculated and a position index of the block with maximum energy is determined, a factor is calculated for each block having a position index smaller than the position index of the block with maximum energy, and for each block a gain is determined from the factor and is applied to the transform coefficients of the block.



(54) Title of the invention : MANUFACTURE OF PASTA.

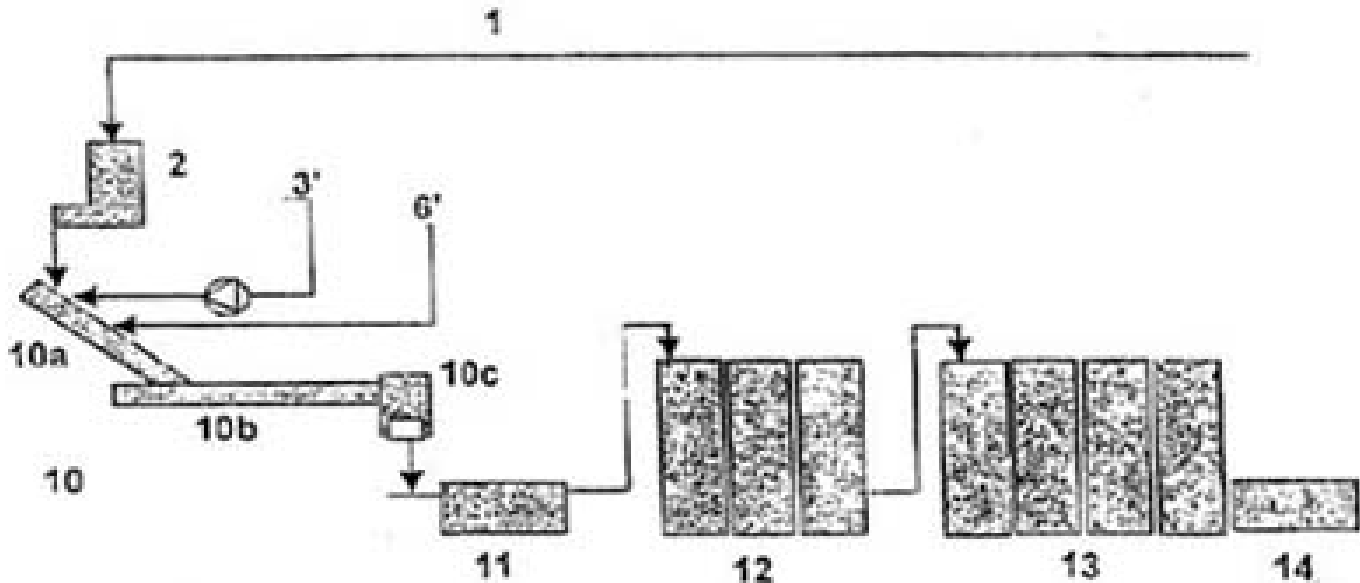
(51) International classification	:A21C1/00; A21C1/14	(71)Name of Applicant :
(31) Priority Document No	:102004008443.2	1)BUHLER AG
(32) Priority Date	:19/02/2004	Address of Applicant :BAHNHOFSTRASSE CH-9240 UZWIL
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/CH2004/000755	(72)Name of Inventor :
Filing Date	:27/12/2004	1)SEILER WERNER
(87) International Publication No	:WO2005/079597 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 37

(57) Abstract :

The invention relates to the production of pasta, particularly pasta made of gluten-free raw materials such as flour and/or semolina based on maize, rice, millet or barley or starch, wherein the method comprises the following steps: a) preparation of a raw material-dry mixture; b) incorporation of water into the raw material dry mixture while the raw material is moved in order to obtain a dough or a moistened raw material mixture; c) incorporation of steam into the dough, during which the dough or moistened raw material mixture is moved; d) forming of the dough thus obtained in order to create defined dough objects; and e) drying of the formed dough objects in order to form pasta.



(54) Title of the invention : PROCESS FOR COPPER CONVERTING.

(51) International classification :C22B 15/06
 (31) Priority Document No :2004901900
 (32) Priority Date :07/04/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000496
 Filing Date :06/04/2005
 (87) International Publication No :WO 2005/098059
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

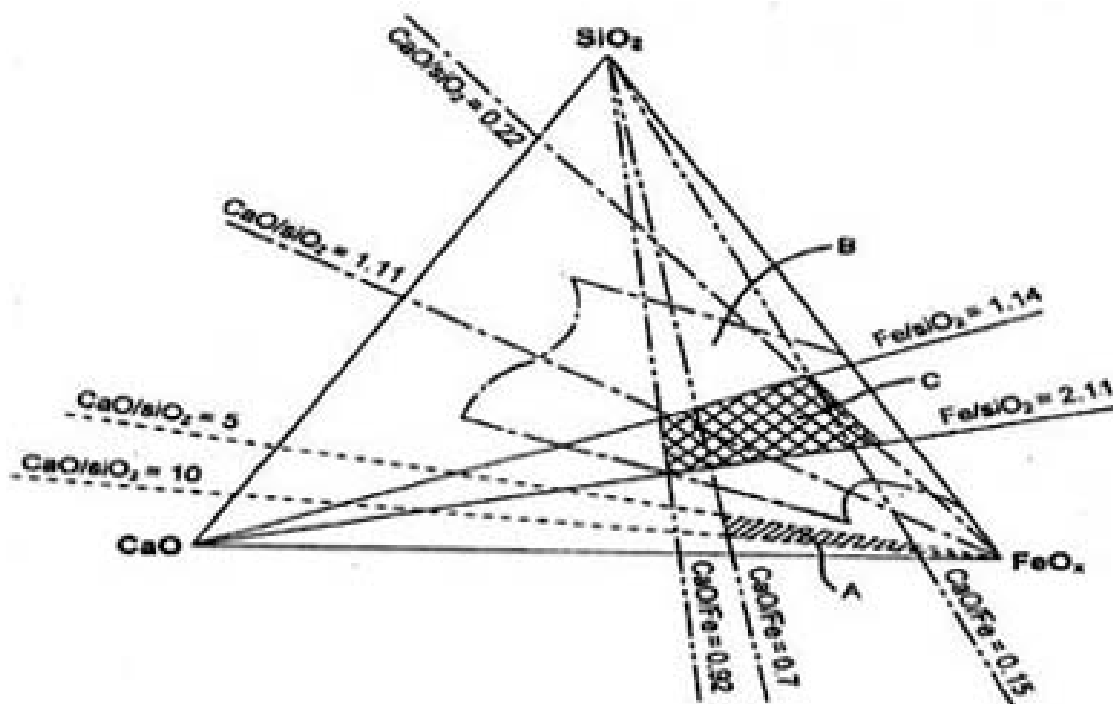
(71)Name of Applicant :
1)AUSMELY LIMITED
 Address of Applicant :12 KITCHEN ROAD, DANDENONG,
 VICTORIA 3175, Australia
 (72)Name of Inventor :
1)HUGHES STEPHEN PETER
2)MATUSEWICZ ROBERT WALTER
3)MATUSEWICZ ROBERT WALTER
4)MCCLELLAND ROS ALEXANDER
5)ACQUADRO ANTONY
6)BALDOCK BRIAN ROSS

No of Pages : 19

No of Claims : 15

(57) Abstract :

The process for converting a copper sulphide matte to blister copper, is achieved by adding The copper sulphide matte and flux to a suitable agitated slag phase; and injecting, from a discharge tip at the lower end of a top-submerged lance, an oxidizing gas suitable for reacting with the matte to produce blister copper which forms or adds to a continuous blister copper phase below the slag phase. The lance tip is located within the slag phase at a depth enabling the injected gas to agitate the slag phase, and to react with copper sulphide matte dispersed therein, while precluding a substantial proportion of the gas from contacting the continuous blister copper phase.



(54) Title of the invention : RECORDING MEDIUM, METHOD, AND APPARATUS FOR REPRODUCING TEXT SUBTITLE STREAMS.

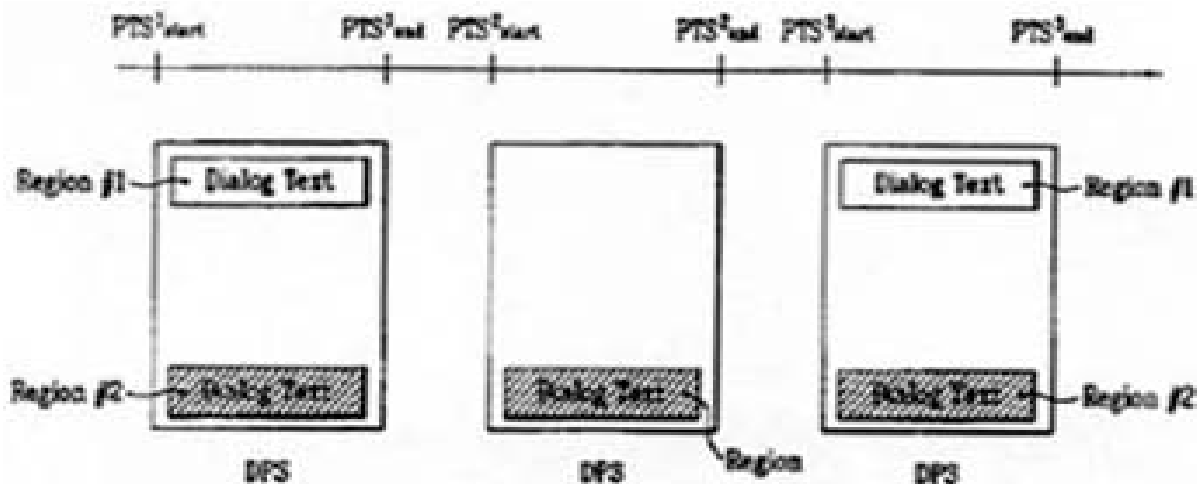
(51) International classification	:G11B19/02; H04N5/781	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0020890	1)LG ELECTRONICS INC.
(32) Priority Date	:26/03/2004	Address of Applicant :20,YODIO-DONG,YOUNGDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000829	(72)Name of Inventor :
Filing Date	:22/03/2005	1)SEO KANG SOO
(87) International Publication No	:WO2005/091728 A3	2)KIM BYUNG JIN
(61) Patent of Addition to Application Number	:NA	3)YOO JEA YONG
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 60

No of Claims : 13

(57) Abstract :

A recording medium, method, and apparatus for reproducing text subtitle streams are disclosed. A buffer initially preloads a text subtitle stream including a dialog style segment defining a group of region styles and first and second dialog presentation segments. A text subtitle decoder initially presents a first region of dialog text included in the first dialog presentation segment in a graphics plane and reads a continuous presentation flag included in the second dialog presentation segment, which includes a second region of dialog text. The text subtitle decoder presents the second region of dialog text by preserving the presentation of the first region of dialog text in the graphics plane if the continuous segment indicates that continuous presentation is required between the first and second regions of the dialog text.



(54) Title of the invention : ELECTROCHEMICAL DEVICE COMPRISING ELECTRODE LEAD HAVING PROTECTION DEVICE.

(51) International classification :H01M 2/34
 (31) Priority Document No :10-2004-0025394
 (32) Priority Date :13/04/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001059
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/101547
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

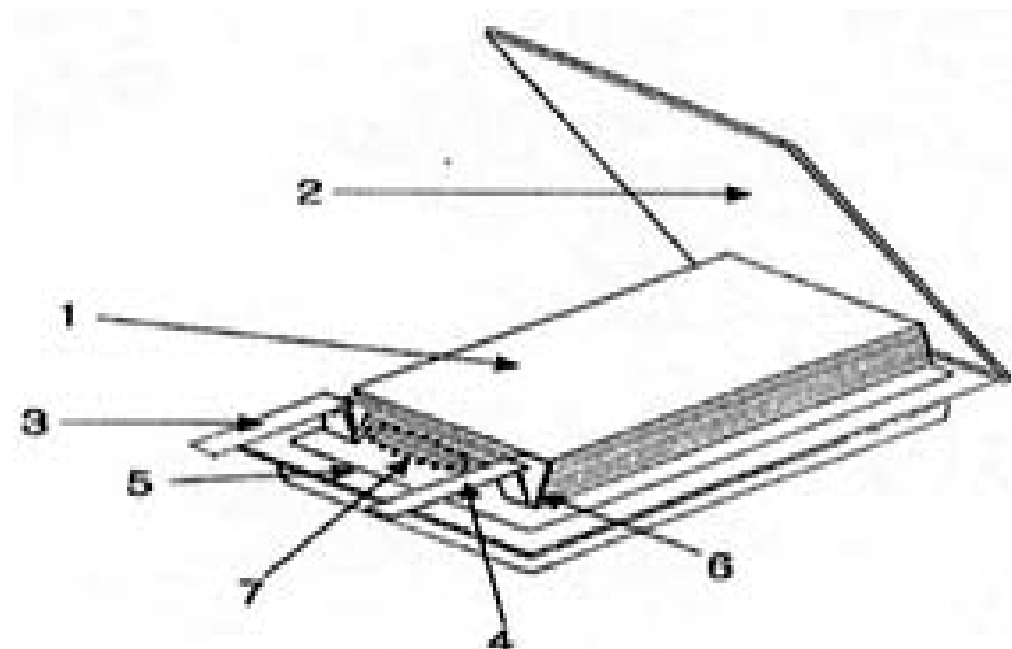
(71)Name of Applicant :
1)LG CHEM,LTD
 Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
 SEOUL 150-721 REPUBLIC OF KOREA Republic of Korea
 (72)Name of Inventor :
1)KIM JE YOUNG
2)AHN SOON HO
3)PARK PIL KYU
4)CHOI SOO AN
5)LEE YONG TAE
6)KIM JU DAM

No of Pages : 32

No of Claims : 12

(57) Abstract :

Disclosed is an electrochemical device comprising an electrode assembly having a cathode, anode and an electrolyte, and a casing surrounding the electrode assembly, which further comprises a protection device to which either or both of a cathode lead for connecting a cathode with an outer terminal and an anode lead for connecting an anode with an outer terminal are connected electrically, wherein the protection device is disposed in the inner space of the casing and the electrode lead equipped with the protection device is folded at both sides of the protection device so that the largest surface of the protection device is layered on a lateral surface of the casing where the electrode lead is present.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2717/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF IODINATED AMINO-ARYL COMPOUNDS.

(51) International classification	:C07C 209/74
(31) Priority Document No	:60/557,014
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009746
Filing Date	:24/03/2005
(87) International Publication No	:WO2005/097727 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ
07940-0874 U.S.A.

(72)Name of Inventor :

1)MICHALAK,RONALD,S.

No of Pages : 18

No of Claims : 38

(57) Abstract :

The present invention provides processes for the preparation of amino-aryl iodides wherein a micronized amino-aryl compound is reacted with an iodinating reagent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2718/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : COMBINATION VACCINES WITH LOW DOSE OF HIB CONJUGATE.

(51) International classification	:A61K39/295; A61K39/2	(71) Name of Applicant : 1)CHIRON SRL
(31) Priority Document No	:0405787.3	Address of Applicant :VIA FIORENTINA 1, I-53100,SIENA Italy
(32) Priority Date	:15/03/2004	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)CONTORNI,MARIO
(86) International Application No	:PCT/IB2005/000927	
Filing Date	:14/03/2005	
(87) International Publication No	:WO2005/089794	
	A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 16

(57) Abstract :

Combination vaccines including antigens for immunising against diphtheria, tetanus, pertussis and Hib are known ("DTP-Hib" vaccines). The invention addresses the need for such vaccines with low doses of Hib antigen, to reduce cost, that do not require reconstitution in the field. Thus the invention provides a combination vaccine comprising antigens for protecting a subject against at least diphtheria, tetanus, pertussis and Hib, wherein: (a) the antigen for protecting against Hib is a conjugate of a Hib capsular saccharide; (b) the concentration of the Hib conjugate in the vaccine is <15 µg/ml; and (c) the Hib conjugate has never been lyophilised. Vaccines of the invention have been found to be safe and to be highly immunogenic.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2719/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :18/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ACTIVE AND ADAPTIVE PHOTOCHROMIC FIBERS, TEXTILES AND MEMBRANES.

(51) International classification	:D01F 1/06	(71)Name of Applicant :
(31) Priority Document No	:60/553,513	1)UNIVERSITY OF DELAWARE
(32) Priority Date	:16/03/2004	Address of Applicant :OFFICE OF THE VICE PROVEST FOR
(33) Name of priority country	:U.S.A.	RESEARCH 210 HULLIHEN HALL,NEWARK,DE 19716 U.S.A.
(86) International Application No	:PCT/US2005/008414	(72)Name of Inventor :
Filing Date	:14/03/2005	1)RABOLT,,JOHN,F
(87) International Publication No	:WO2005/090654 A1	2)BIANCO,ANDREA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 21

(57) Abstract :

A process to make a dyed fiber which has the steps of mixing a dye capable of changing colour and a polymer into a solution at a temperature below the temperature at which the dye or polymer degrades to form a polymer dye solution and electro-spinning said polymer dye solution to form a fiber wherein the dye penetrate, more than the surface of the fiber. The invention also relates to fiber and use of the fiber.

(54) Title of the invention : RECORDING MEDIUM WITH STATUS INFORMATION THEREON WHICH CHANGES UPON REFORMATTING AND APPARATUS AND METHODS FOR FORMING,RECORDING,AND REPRODUCING THE RECORDING MEDIUM.

(51) International classification	:G11B7/00; G11B7/00	(71)Name of Applicant :
(31) Priority Document No	:60/554,356	1)LG ELECTRONICS INC
(32) Priority Date	:19/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000595	(72)Name of Inventor :
Filing Date	:03/03/2005	1)PARK YOUNG CHEOL
(87) International Publication No	:WO2005/089073 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

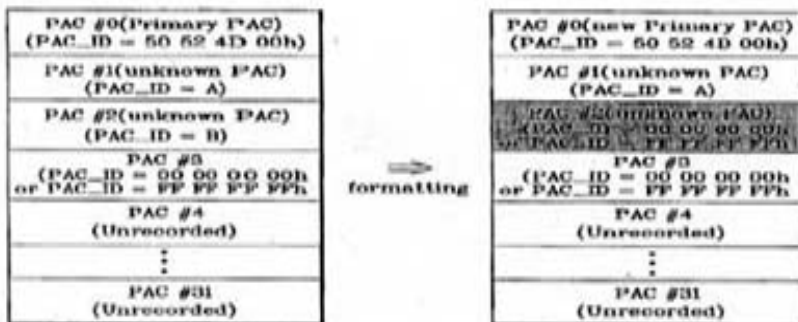
No of Pages : 67

No of Claims : 47

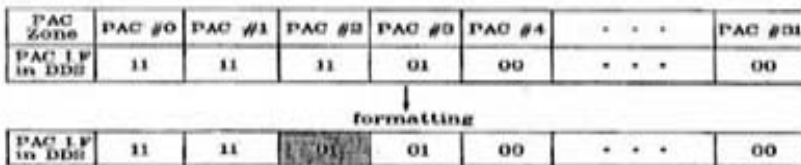
(57) Abstract :

A recording medium, such as a high-density and/or optical recording medium and apparatus and methods for recording to and reproducing from the recording medium, in order to initialize, reinitialize, format, and/or re-format the high-density and/or optical recording medium.

(a)



(b)



(54) Title of the invention : DARK GREY SODA-LIME-SILICA GLASS COMPOSITION INTENDED FOR THE MANUFACTURE OF WINDOWS

(51) International classification	:C03C 1/10	(71) Name of Applicant :
(31) Priority Document No	:0402898	1)SAINT-GOBAIN FRANCE
(32) Priority Date	:19/03/2004	Address of Applicant : "Les Miroirs" 18 Avenue d'Alsace, 92400
(33) Name of priority country	:France	Courbevoie France France
(86) International Application No	:PCT/FR2005/000697	(72) Name of Inventor :
Filing Date	:21/03/2005	1)TEYSSEDRE LAURENT
(87) International Publication No	:WO2005/095297 A2	2)HOMO LIONEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 14

(57) Abstract :

The invention relates to a dark grey soda-lime-silica-type glass composition comprising a colouring part which essentially contains the compounds below at a concentration between the following weight limits: 0.7 to 0.95 % Fe₂O₃ (total iron), 50 to 80 ppm CoO and 400 to 700 ppm NiO, or 0.7 to 0.95 % Fe₂O₃ (total iron), 200 to 300 ppm CoO and 1500 to 1900 ppm NiO, said composition being free from selenium and having a redox of less than or equal to 0.4. Moreover, the glass has a light transmission factor under illuminant A (TL_A) of less than or equal to 50 % and an overall energy transmission factor (T_E) of less than 45 %, which are measured for a thickness of 3.85 mm. The invention also relates to the optionally-heat-tempered sheet of glass obtained from the aforementioned composition and to glazing comprising at least one of said sheets, e.g. as privacy glazing for motor vehicles.

(54) Title of the invention : METHOD FOR ERECTING A TOWER.

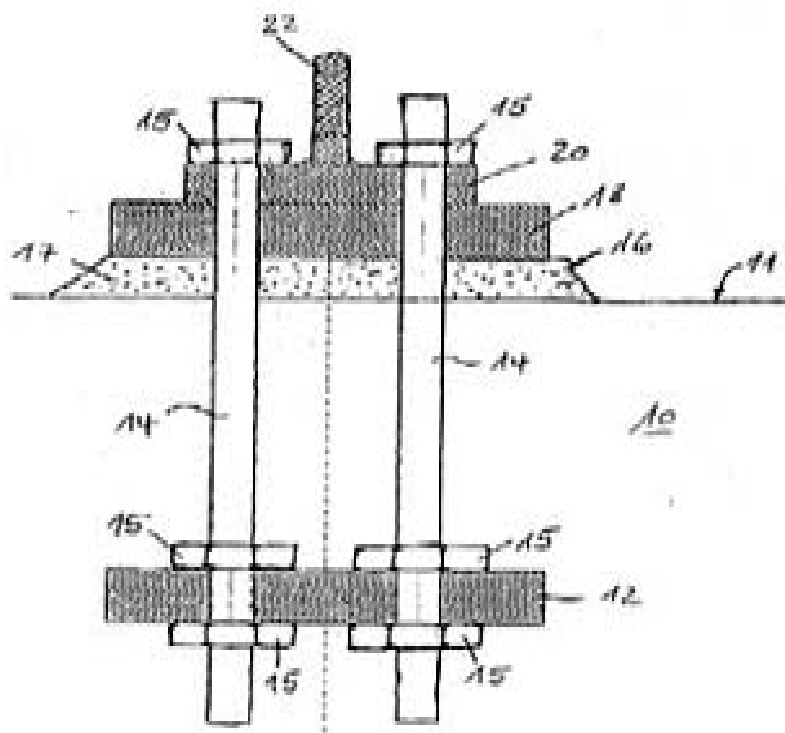
(51) International classification	:E02D27/42; F03D1/00	(71)Name of Applicant : 1)WOB BEN,ALOYS
(31) Priority Document No	:102004017006.1	Address of Applicant :ARGESTRASSE 19, 26607,AURICH Germany
(32) Priority Date	:02/04/2004	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)WOB BEN,ALOYS
(86) International Application No	:PCT/EP2005/003499	
Filing Date	:04/04/2005	
(87) International Publication No	:WO2005/095792 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 4

(57) Abstract :

A method of erecting a pylon, in particular a pylon of a wind power installation, which has a foundation with segment anchors, wherein connecting elements project beyond the top side of the foundation by a predetermined amount. A ring is levelled, aligned and fixed at the top side of the foundation. A gap produced by levelling, aligning and fixing of the ring is underlaid with a grouting material. The grouting material is set and a lower pylon segment is placed on the levelled, aligned and fixed ring and connected thereto.



(54) Title of the invention : ANALYSIS OF SACCHARIDE VACCINES WITHOUT INTERFERENCE.

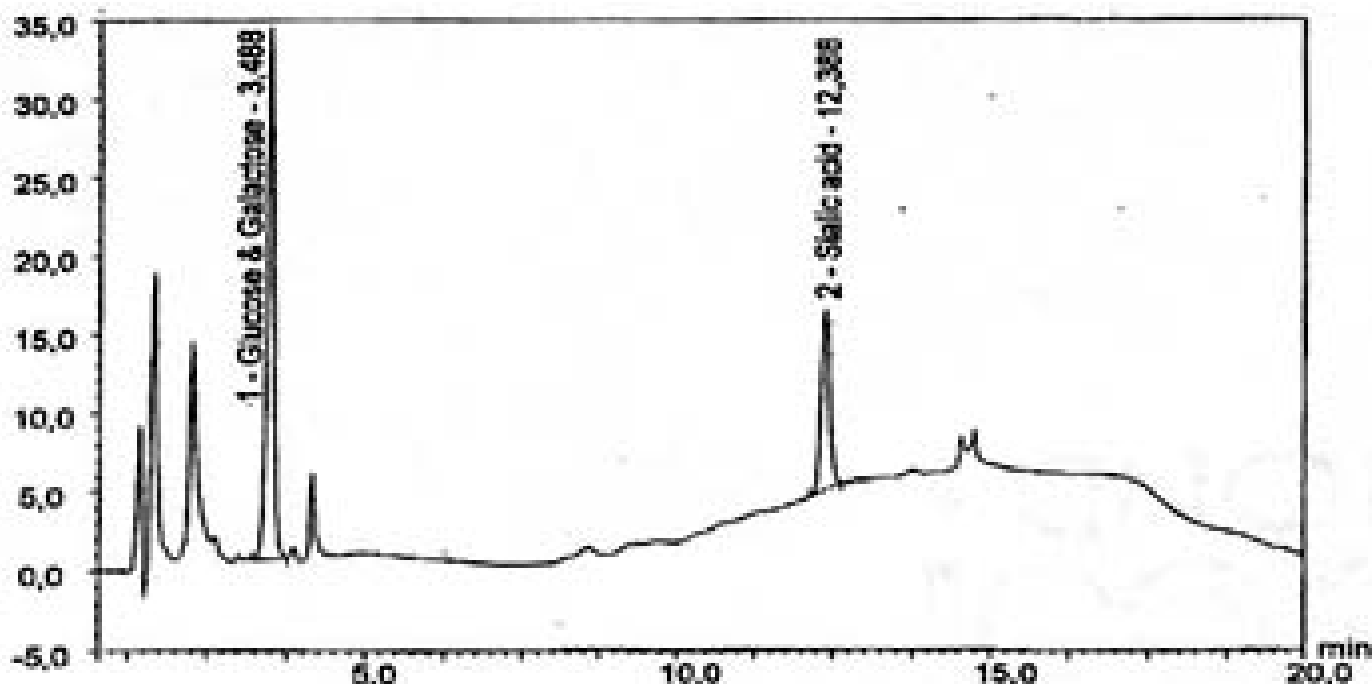
(51) International classification :G01N33/548; G01N33/66; G01N33/544; G01N3 (31) Priority Document No :0406013.3 (32) Priority Date :17/03/2004 (33) Name of priority country :U.K. (86) International Application No :PCT/IB2005/000987 Filing Date :17/03/2005 (87) International Publication No :WO2005/090986 A3 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)CHIRON SRL Address of Applicant :VIA FLORENTINA 1, I-53100,SIENA,ITALY Italy (72)Name of Inventor : 1)BARDOTTI,ANGELA 2)PROIETTI,DANIELA 3)RICCI,STEFANO

No of Pages : 29

No of Claims : 18

(57) Abstract :

The invention is based on methods that allow analysis of mixed meningococcal saccharides from multiple serogroups even though they share monosaccharide units. With a combination of saccharides from serogroups C, W135 and Y, the invention analyses sialic acid, glucose and galactose content. The glucose and galactose results are used to directly quantify saccharides from serogroups Y and W135, respectively, and the combined glucose and galactose content is subtracted from the sialic acid content to quantify saccharides from serogroup C. The three serogroups can thus be resolved even though their monosaccharide contents overlap. The three different monosaccharide analyses can be performed on the same material, without interference between the monosaccharides and without interference from any other saccharide materials in the composition (e.g. lyophilisation stabilisers). The method can be used to analyse total and free saccharide in conjugate vaccines and simplifies quality control of vaccines containing capsular saccharides from multiple serogroups.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2724/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : POLYMER COMPOSITION .

(51) International classification	:C08F 220/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOREALIS TECHNOLOGY OY
(32) Priority Date	:NA	Address of Applicant :P.O.BOX 330,FI-06101 PORVOO Finland
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/003252	1)BACKMAN,MATS
Filing Date	:26/03/2004	2)VAN PRAET,ERIC
(87) International Publication No	:WO2005/092974 A1	3)VAN MARION,REMKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

The invention relates to novel multimodal polyethylene polymers comprising a low molecular weight fraction and a high molecular weight fraction, and having a MFR5 of greater than 0.10 g/10 min and less than or equal to 0.22 g/10 min, and a density of greater than equal to 952 kg/m³. The invention also relates to uses of the novel polymers in the production of polymeric articles, especially pipes.

(54) Title of the invention : SYSTEM AND METHOD FOR REGISTRATION OF VALUABLE ITEMS .

(51) International classification :G06F 17/60
 (31) Priority Document No :60/549,263
 (32) Priority Date :01/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006405
 Filing Date :28/02/2005
 (87) International Publication No :WO 2005/084265
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

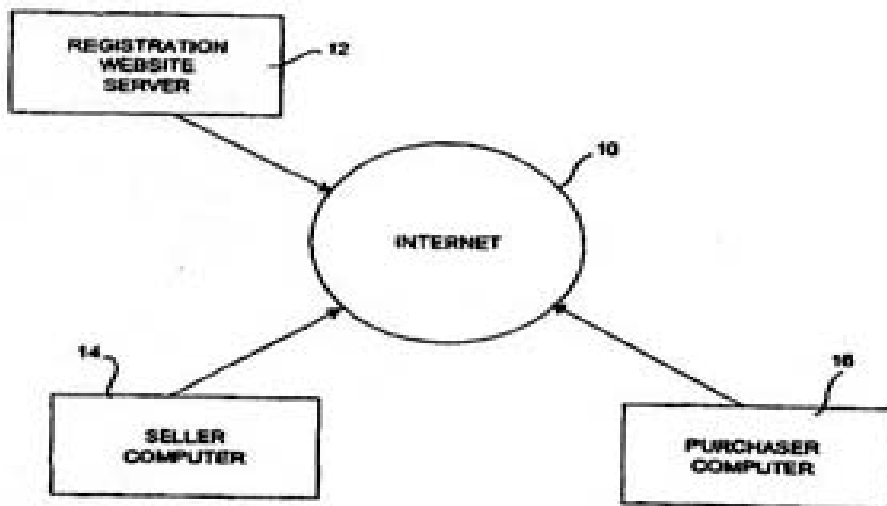
(71)**Name of Applicant :**
1)U-E SYSTEMS,INC
 Address of Applicant :14 HAYES STREET, ELMSFORD,NY 10523-2536, U.S.A. U.S.A.
 (72)**Name of Inventor :**
1)OSTERER MICHAEL

No of Pages : 34

No of Claims : 32

(57) Abstract :

A system and method are provided for keeping track of the ownership of unique items in a system including a server computer connected to a database and at least one client computer connected to the server computer over a network. In operation information concerning the item is entered into the client computer. This information, includes at least a description of the item and its owner, is uploaded from the client computer to said server computer where the information is stored in the database. In response, the system provides from the server to the client computer a transaction identification number related to the information and an item number related to the item. A user at the client computer can use the transaction identification number to access the uploaded information at the database to determine the current owner of the item. Upon a transfer of ownership, the new owner can use at least one client computer to enter the transaction identification number and new owner information to update the information in the database to indicate the new owner and to indicate the prior owner as a seller of the item. In response a new transaction identification number is provided from the server computer to the client computer.



(54) Title of the invention : SLIDING NOZZLE APPARATUS AND POURING APPARATUS

(51) International classification :B22D11/10;
B22D41/34
(31) Priority Document No :2004-074984
(32) Priority Date :16/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/004447
Filing Date :14/03/2005
(87) International Publication No :WO 2005/087409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JFE ENGINEERING CORPORATIONAddress of Applicant :1-2,MARUNOUCHI 1-CHOME CHIYODA-KU
TOKYO 100-0005 Japan**2)NIPPON ROTARY NOZZLE CO,LTD****3)TYK CORPORATION****4)JFE MECHANICAL CO,LTD.**

(72)Name of Inventor :

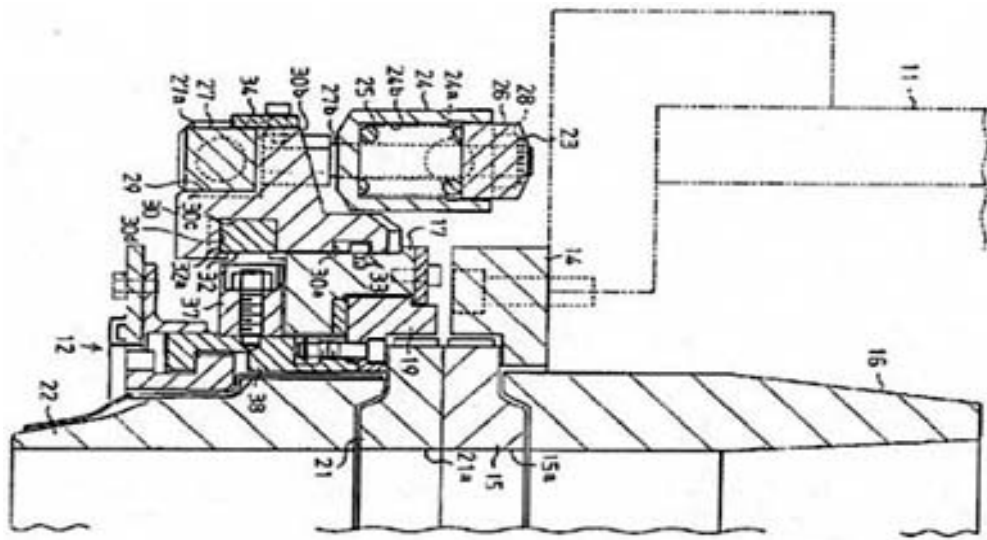
1)KONDO TSUNEO**2)TAKASUGI HIDETO****3)UMEMURA MITSUO****4)KAWAI YOSHINOBU****5)YOTABUN TOMOHIRO****6)YOTABUN TOMOHIRO****7)IKEDA HISAMORI****8)INUSUSHI HISAO**

No of Pages : 39

No of Claims : 6

(57) Abstract :

A fixed plate (15) is provided on a fixed metallic frame (14). An opening/closing metallic frame (17) having a movable plate (21) is movably/closably installed on the fixed metallic frame (14). A pressurizing mechanism (23) is installed on the fixed metallic frame (14) and applies pressing force in a closing direction produced by a spring (25) to the opening/closing metallic frame (17) in a closed state. An operation member (29) is movably installed at a position opposite the pressurizing mechanism (23). Cam surfaces (30d, 32a) are arranged between the operation member (29) and the pressurizing mechanism (23). When the opening/closing metallic frame (17) is being closed, the spring (25) is subjected to effect of the cam surfaces (30d, 32a) caused by the movement of the operation member (29) and deformed by its urging force, and as a result, a pressing force to the opening/closing metallic frame (17) is reinforced.



(54) Title of the invention : RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING AND RECORDING TEXT SUBTITLE STREAMS.

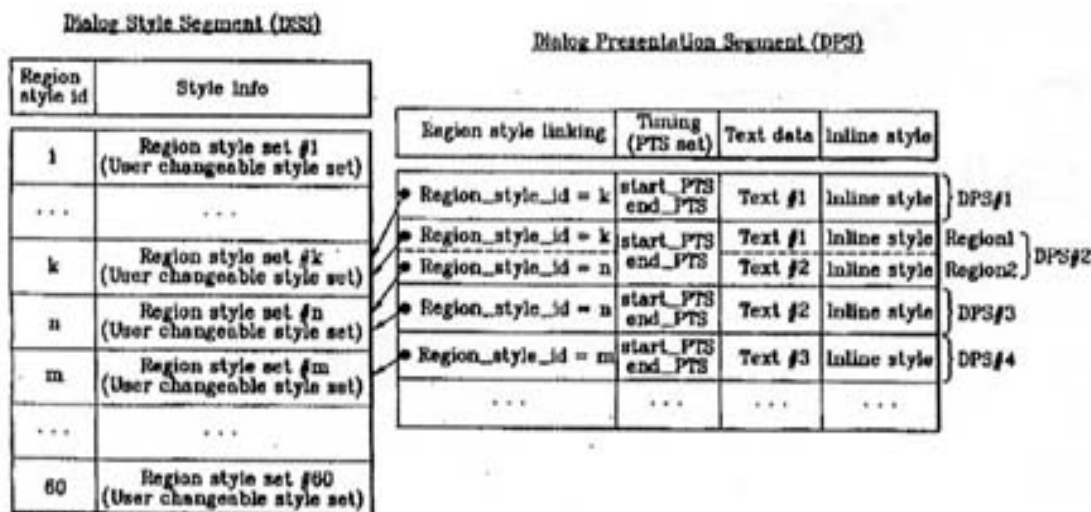
(51) International classification	:G11B7/00; G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0020891	1)LG ELEC TRONICS INC
(32) Priority Date	:26/03/2004	Address of Applicant :20,YOIDO-DONG YOUNGHDUNGPO-GU
(33) Name of priority country	:Republic of Korea	SEOULL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/000580	(72)Name of Inventor :
Filing Date	:03/03/2005	1)SEO KANG SOO
(87) International Publication No	:WO 2005/091723	2)KIM BYUNG JIN
(61) Patent of Addition to Application Number	:NA	3)KIM BYUNG JIN
Filing Date	:NA	4)YOO JEA YONG
(62) Divisional to to Application Number	:NA	5)NOH SI JUNG
Filing Date	:NA	

No of Pages : 61

No of Claims : 21

(57) Abstract :

A recording medium and method and apparatus for reproducing and recording text subtitle streams are disclosed. Each text subtitle stream includes a dialog style segment defining a set of region styles and at least one dialog presentation segment, each of which contains one or more regions of dialog text. Each region of dialog text is linked to one of the set of region styles defined in the dialog style segment, and includes at least one pair of an inline style and a text string. The inline style is configured to change one of region presentation properties specified by the linked region style for the text string.



(54) Title of the invention : METHOD AND DEVICE FOR CENTRING SEMI-FINISHED PARTS WHICH ARE TO UNDERGO MECHANICAL MACHINING .

(51) International classification :B23Q3/18;
B23Q17/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2004/000187
Filing Date :08/04/2004
(87) International Publication No :WO 2005/097404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MAUS S.P.A.

Address of Applicant :VIA CALTANA 28,
35011,CAMPODARSEGO(PD), ITALY Italy

(72)Name of Inventor :

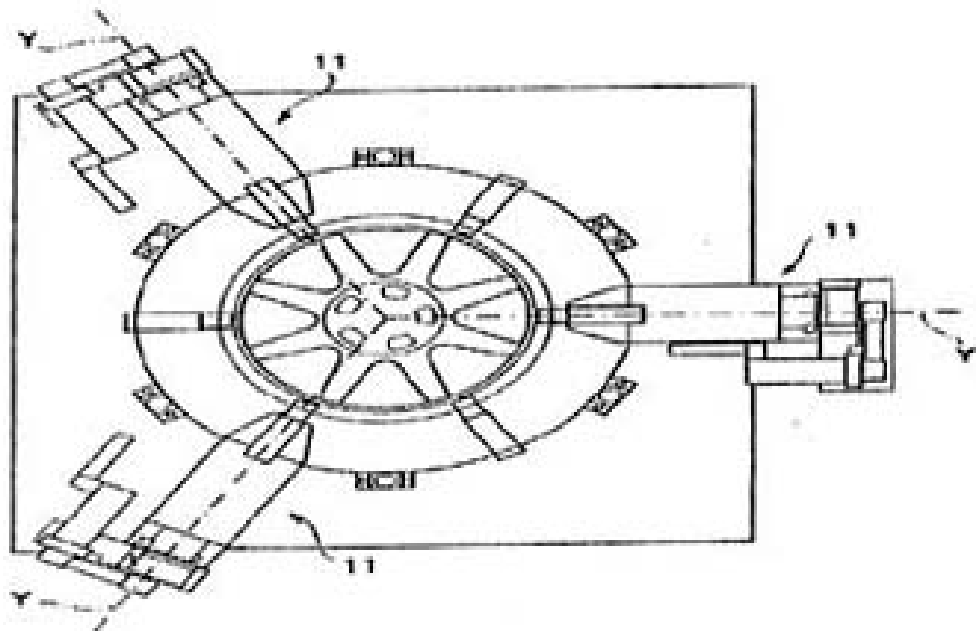
1)SAMMARTIN,ROBERTO

No of Pages : 19

No of Claims : 15

(57) Abstract :

A method is described for centring semi-finished parts (2) which are to undergo mechanical machining, comprising the steps of preparing a centring device (1) comprising three centring elements (11) spaced apart angularly at a regular pitch, capable of coming into contact with the semi-finished part (2) to move it into a centred position, each of the centring elements (11) being movable along a preset radial direction (Y), the radial directions intersecting at the geometrical axis (X) of centring of the part. The method further makes provision for the steps of moving each centring element (11) along the corresponding radial direction (Y), with controlled and independent movement of each centring unit relative to the others, by means of a respective drive means (15) associated with respective means of transmitting the motion (16, 17) capable of converting the rotational motion of each drive means (15) into translational motion of the corresponding centring element (11), and of adjusting the position of each centring unit (11) as a function of the torque developed by the respective drive means (15), until a condition of centring is reached in which all the torque forces developed by the drive means of the corresponding centring elements are greater than or equal to a preset threshold value indicating that the desired centring position of the part (2) relative to the geometrical axis (X) of the centring device has been reached. A centring device operating according to the above-mentioned method is also described.



(54) Title of the invention : SYSTEM AND METHOD OF PAVEMENT ADVERTISING.

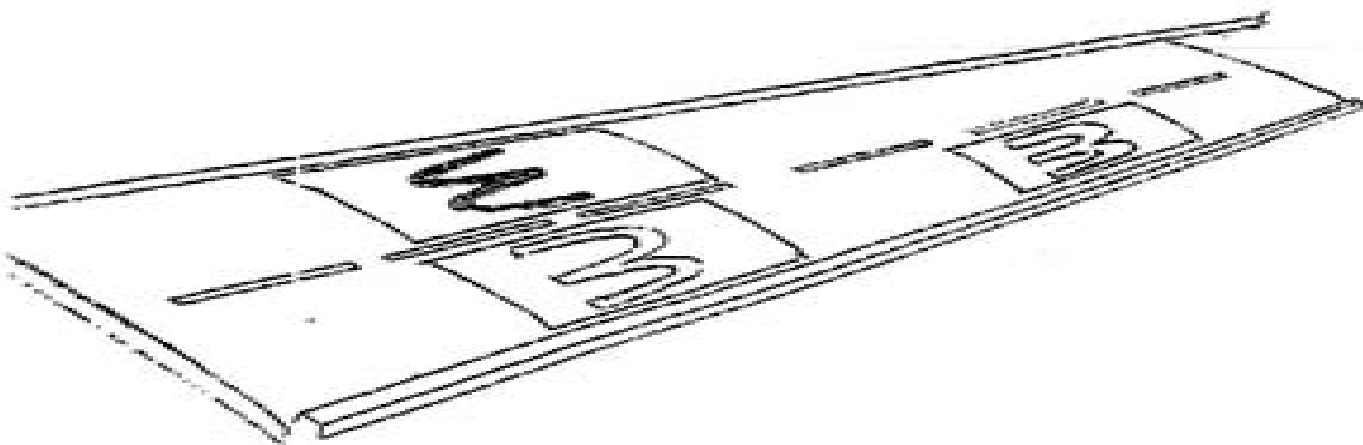
(51) International classification	:G09F19/22; G09F19/22	(71)Name of Applicant :
(31) Priority Document No	:2004901428	1)TOZER,JOHN
(32) Priority Date	:18/03/2004	Address of Applicant :C/-38 MARINA DRIVE,COFFS HARBOUR
(33) Name of priority country	:Australia	NEW SOUTH WALES,2450 Australia
(86) International Application No	:PCT/AU2005/000376	(72)Name of Inventor :
Filing Date	:18/03/2005	1)TOZER,JOHN
(87) International Publication No	:WO2005/091261 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 21

(57) Abstract :

A road advertising system in which advertising indicia is applied to an upper surface of a road forming a carriageway capable of carrying pedestrian and/or vehicular traffic; the system comprising; wheel mounted mobile unit including a source of marking fluid, delivery means to distribute said fluid onto a surface, control means to regulate delivery rate of said fluid, the control means including a computer actuated plotter which controls the path of at least one delivery nozzle associated with the delivery means to form an image on the road surface.



(54) Title of the invention : METHOD AND APPARATUS FOR COLD JOINING FLANGES AND COUPLINGS ELEMENTS TO PIPES.

(51) International classification :B21D39/04;
B21D39/06
(31) Priority Document No :20041215
(32) Priority Date :24/03/2004
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2005/000093
Filing Date :18/03/2005
(87) International Publication No :WO 2005/089975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

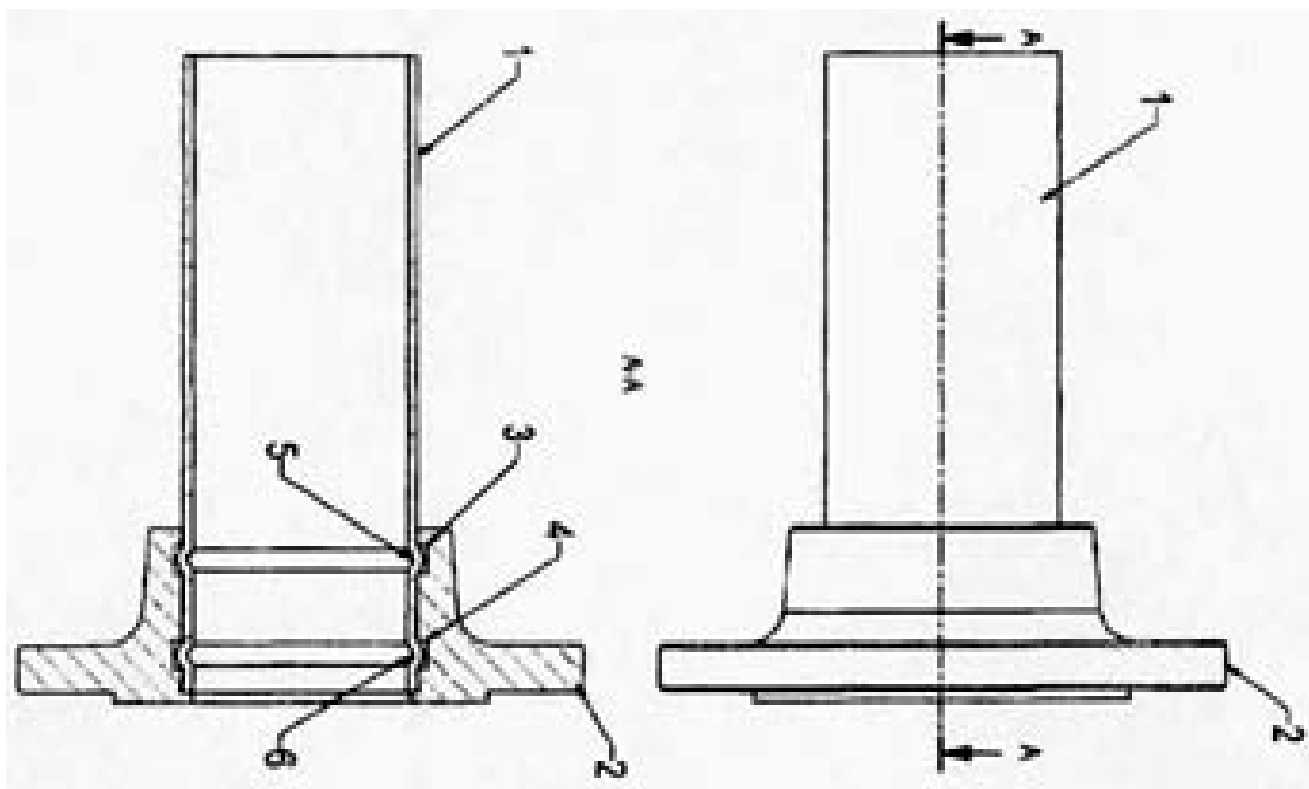
(71)Name of Applicant :
1)QUICFLANGE AS
Address of Applicant :HOVEDGATEN 13,NO-4900 TVEDESTRAND,
NORWAY Norway
(72)Name of Inventor :
1)KAROLIUSSEN HILBERG

No of Pages : 21

No of Claims : 6

(57) Abstract :

A method for joining flanges or other couplings to pipes, wherein a plurality of radially expanding segments (10) with circular ridges (11) on a tool inserted into the pipe (1), press beads (5, 6) in the pipe wall into corresponding grooves (3, 4) in the surrounding coupling element (2), where the pipe end, by means of a projection on the segments, is given an over bending outwards that prevents the pipe end from tapering inwards during the pressing of the beads. The invention comprises the interior configuration of the coupling element as well as a tool for pressing the beads.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2731/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : POLYCYCLIC PYRIDINES AS POTASSIUM ION CHANNEL MODULATORS .

(51) International classification :C07D401/14; C07D401/00;		(71)Name of Applicant : 1)ICAGEN, INC. Address of Applicant :SUITE 350,4442 EMPEROR BOULEVARD, DURHAM, NC 27703, U.S.A.
(31) Priority Document No	:60/562,035	2)ASTELLAS PHARMA, INC.
(32) Priority Date	:13/04/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)WANG, XIAODONG
(86) International Application No	:PCT/US2005/012837	2)SPEAR, DERRY, LEIGH
Filing Date	:13/04/2005	3)FULP, ALAN, BRADLEY
(87) International Publication No	:WO 2005/100349	4)SECONI,DARRICK
(61) Patent of Addition to Application Number	:NA	5)SUZUKE, TAKESHI
Filing Date	:NA	6)ISHII,TAKAHIRO
(62) Divisional to to Application Number	:NA	7)MORITOMO, AYAKO
Filing Date	:NA	8)MORITOMO, AYAKO
		9)KUBOTA,HIDEKI
		10)KAZAMI,JUN-ICHI

No of Pages : 122

No of Claims : 37

(57) Abstract :

The present invention provides a genus of polycyclic pyridines that are useful as modulators of potassium ion channels. The modulators of the invention are of use in both therapeutic and diagnostic methods.

(54) Title of the invention : APPARATUS FOR PREVENTING POLLUTION OF SUBTERRANEAN WATER.

(51) International classification	:E03B3/16; E03B3/00
(31) Priority Document No	:10-2004-0013290
(32) Priority Date	:27/02/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/000531
Filing Date	:25/02/2005
(87) International Publication No	:WO 2005/083187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TWO AN WATER RESOURCE DEVELOPMENT CO,LTD.
 Address of Applicant :88 NEUKHYEON-CHOWOL-MYEON,
 GWANGU-SI, GYEONGGI-DO, GWANGFU 461-61, Republic of Korea

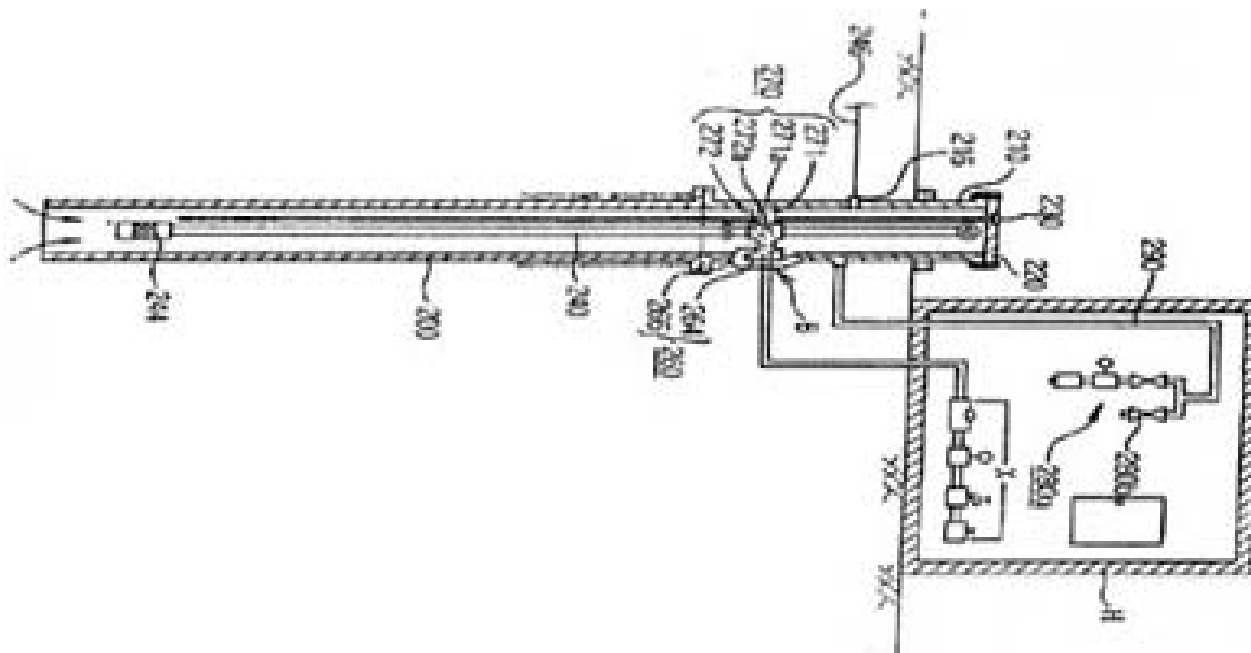
(72)Name of Inventor :
1)AHN,GEUN MOOK

No of Pages : 39

No of Claims : 9

(57) Abstract :

Disclosed herein is an apparatus for preventing pollution of a groundwater borehole, which increase water-tightness. The apparatus for preventing pollution of a groundwater borehole has a structure that both sides of an underwater motor pump supported by a first intake pipe having a groundwater borehole for discharging groundwater to the outside are all supported inside a second intake pipe connected with the first intake pipe. The apparatus always maintains balance of the motor pump inside the intake pipes, thereby preventing displacement occurring by supporting only a side of the motor pump like the prior arts, and preventing water leakage and providing watertight efficiency by maintaining the close contact efficiency of an induction pipe connector mounted inside the second intake pipe.



(54) Title of the invention : IDENTIFICATION OF CANCER PROTEIN BIOMARKERS USING PROTEOMIC TECHNIQUES

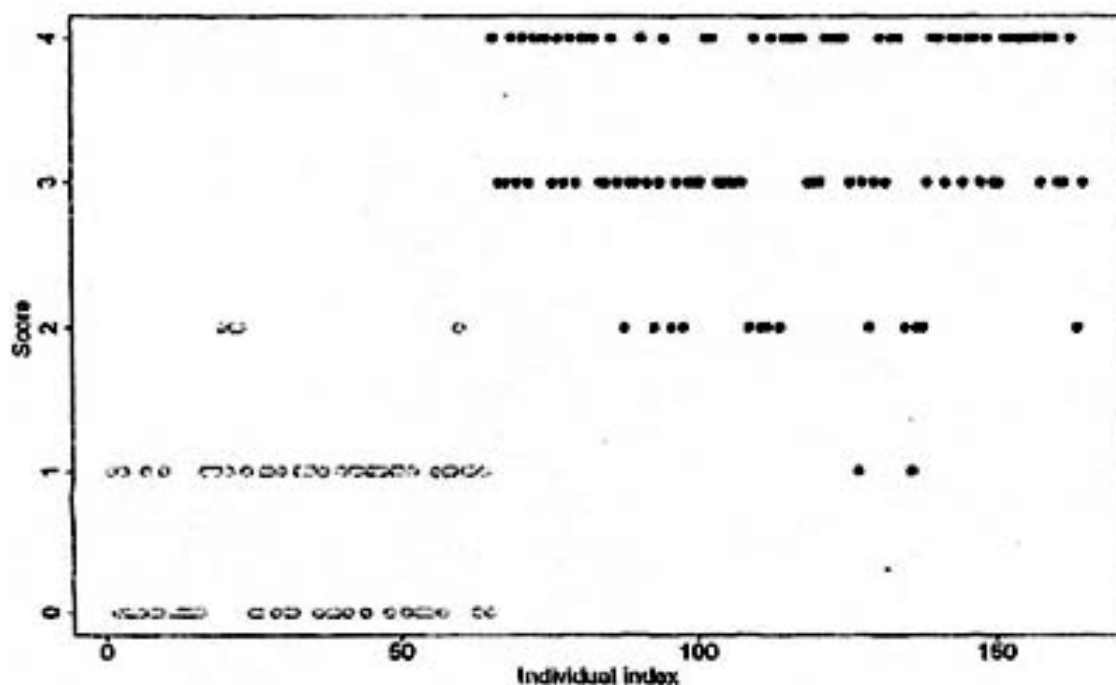
(51) International classification	:G01N33/574;G01N33/57	(71)Name of Applicant :
(31) Priority Document No	:60/545,581	1)YALE UNIVERSITY
(32) Priority Date	:19/02/2004	Address of Applicant :TWO WHITNEY AVENUE, NEW HAVE, CT
(33) Name of priority country	:U.S.A.	06511, U.S.A.
(86) International Application No	:PCT/US2005/001832	(72)Name of Inventor :
Filing Date	:18/01/2005	1)MOR GILL G
(87) International Publication No	:WO 2005/083440	2)WARD DAVID C
(61) Patent of Addition to Application Number	:NA	3)BRAY-WARD PATRICIA
Filing Date	:NA	4)BRAY-WARD PATRICIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 7

(57) Abstract :

The claimed invention describes methods to diagnose or aid in the diagnosis of cancer. The claimed methods are based on the identification of biomarkers which are particularly well suited to discriminate between cancer subjects and healthy subjects. These biomarkers were identified using a unique and novel screening method described herein. The biomarkers identified herein can also be used in the prognosis and monitoring of cancer. The invention comprises the use of leptin, prolactin, OPN and IGF-II for diagnosing, prognosis and monitoring of ovarian cancer.



(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR REGULATING ELECTRONIC MAIL.

(51) International classification :G06F15/16;
G06F15/16
(31) Priority Document No :60/545,473
(32) Priority Date :19/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005396
Filing Date :18/02/2005
(87) International Publication No :WO 2005/079522
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HYPERSPACE COMMUNICATIONS,INC.Address of Applicant :32 S.WASHINGTON STREET, SUITE
3,EASTON, MARYLAND 21601,U.S.A. U.S.A.

(72)Name of Inventor :

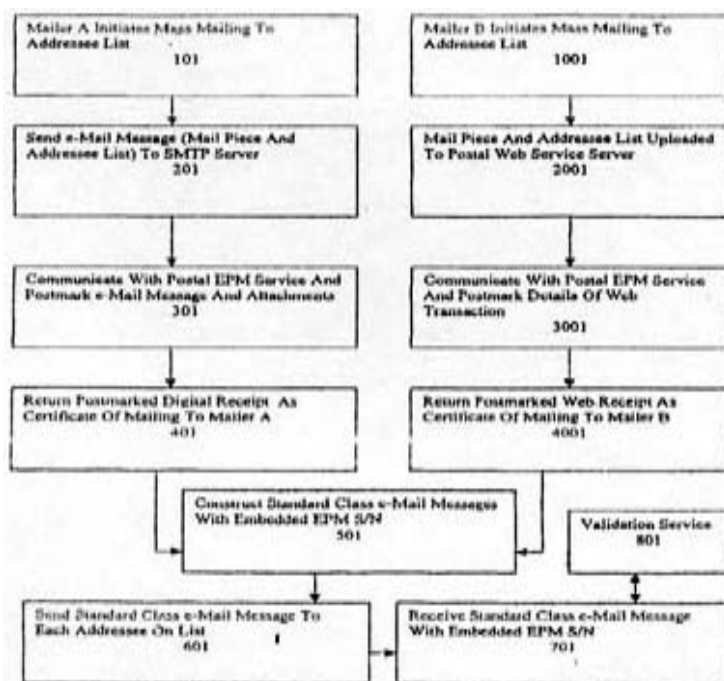
1)HAFF, MAURICE, W.**2)FAHEY, CHRISTOPHER, S.****3)CURTIS, DANIEL, B.****4)LARSON, MICHAEL, J.****5)CLARKE, CHRISTOPHER, D.**

No of Pages : 74

No of Claims : 20

(57) Abstract :

A Postal Authority regulated e-Mail messaging application is provided over a public network to a plurality of mailers and addressees using authenticated transaction records. The application transmits (604) at least one e-Mail message through at least one e-Mail account configured for a specific class of service. The application creates (1004) transaction records relevant to the specific class of service based upon details of completed transactions. Electronic postmarks are obtained (504) to authenticate transaction records. Authenticated transaction records are sent (1004) to the mailer. A unique identifier of an electronic postmark is embedded (404) in the e-Mail message. The e-Mail message incorporating the unique identifier is sent (604) to at least one addressee. Authenticated e-Mail messages and transaction records are created and protected (404, 1004) from undetectable modification.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : DUAL USE COUNTERS FOR ROUTING LOOPS AND SPAM DETECTION.

(51) International classification	:G06F15/173; H04Q7/20	(71)Name of Applicant : 1)MOBILE 365
(31) Priority Document No	: 10/781,913	Address of Applicant :4511 SINGER COURT, SUITE
(32) Priority Date	: 20/02/2004	300,CHANTILLY, VA 20151 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:	1)RUSCHI THILO
Filing Date	PCT/US2005/004537	2)TAM, DEREK, HUNG, KIT
(87) International Publication No	: 15/02/2005	3)LOVELL,ROBERT, C,,JR.
(61) Patent of Addition to Application Number	:WO 2005/081814	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 17

(57) Abstract :

A method and a system for detecting an undesirable condition within a messaging network. A message is received and a source of the message is identified. If an entry in a database for the source has not been created, an entry is created. A source counter for the source is then set to one and a timestamp is created for the source. If an entry in the database for the source has been previously created, the source counter is incremented by one and the timestamp is updated. The source counter is then compared to a source threshold, and if the source counter exceeds the source threshold over the course of predetermined amount of time, a source alarm is triggered. A sliding with respect to the predetermined amount of time may also be implemented to account for total counts that may fall across or be split by set periods of time. The invention is particularly useful for detecting "spam" events and undesirable routing loops.

(54) Title of the invention : MODULATION OF INFLAMMATORY AND METASTATIC PROCESSES.

(51) International classification :A61K31/4709
 (31) Priority Document No :60/546,395
 (32) Priority Date :20/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/005316
 Filing Date :18/02/2005
 (87) International Publication No :WO 2005/082340 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

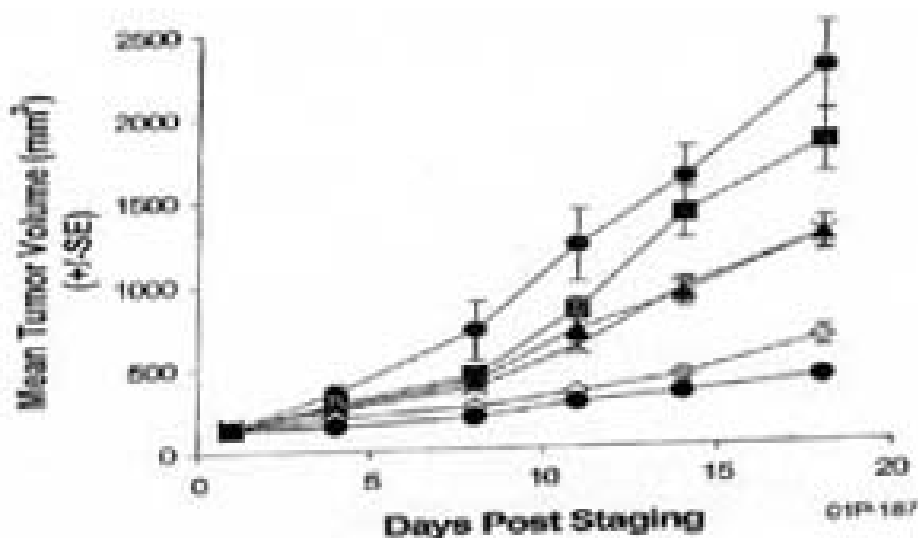
(71)Name of Applicant :
1)CHIRON CORPORATION
 Address of Applicant :4560 Horton Street,Emeryville, California
 94608-2917 U.S.A.
 (72)Name of Inventor :
1)LEE,SANG,H
2)HEISE,CARLA,

No of Pages : 123

No of Claims : 17

(57) Abstract :

Methods of using compounds having Structure (I) or the salts or tautomers of the compounds in the treatment of disorders relating to cell adhesion and metastatic processes are presented herein. The disorders may include cancer, autoimmune diseases, asthma, allergies, eczema, microbial infections, traumatic injuries such as burns or cuts, lupus, arthritis, cardiovascular disease such as, but not limited to, strokes and ischemic injuries, respiratory bacterial and viral infections, and other conditions associated with inflammatory responses.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2737/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CONTROL OF COOLING WATER SYSTEM USING RATE OF CONSUMPTION OF FLUORESCENT POLYMER.

(51) International classification	:C02F1/00; C02F5/08	(71)Name of Applicant :
(31) Priority Document No	:10/836,760	1)NALCO COMPANY
(32) Priority Date	:30/04/2004	Address of Applicant :1601,Diehl Road Naperville,Illinois 60563-1198
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/014189	(72)Name of Inventor :
Filing Date	:25/04/2005	1)MORIARTY, Barbara E.
(87) International Publication No	:WO 2005/110925 A3	2)RAO, Narasimha M.
(61) Patent of Addition to Application Number	:NA	3)XIONG,Kun,
Filing Date	:NA	4)CHEN, Tzu-Yu
(62) Divisional to to Application Number	:NA	5)YANG,Shunong
Filing Date	:NA	6)CHATTORAJ, Mita

No of Pages : 60

No of Claims : 5

(57) Abstract :

A method to control a cooling water system based on the rate of consumption of a fluorescent polymer is described and claimed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2738/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : COLLOIDAL COMPOSITIONS AND METHODS OF PREPARING SAME.

(51) International classification	:B01F 3/12	(71)Name of Applicant :
(31) Priority Document No	:10/827.214	1)NALCO COMPANY
(32) Priority Date	:19/04/2004	Address of Applicant :1601,Diehl Road Naperville,Illinois 60563-1198
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/012371	(72)Name of Inventor :
Filing Date	:13/04/2005	1)HOLLAND, Brian T.
(87) International Publication No	:WO 2005/104683 A2	2)BATLLO, Francois,
(61) Patent of Addition to Application Number	:NA	3)ORTIZ, Carmen Y.
Filing Date	:NA	4)MACDONALD,Dennis L.
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 31

(57) Abstract :

Colloidal compositions and methods of preparing same are provided. The colloidal compositions include a silicate and a metal dispersed therein. The colloidal compositions can further include a stabilizer, such as a quaternary amine, to enhance the dispersion of the metal loading within the silicate. The colloidal compositions can be made such that the metal is dispersed within the silicate in a controlled manner.

(54) Title of the invention : RUBBER MOUNTING, IN PARTICULAR FOR A MOTOR-DRIVEN PUMP UNIT OF A POWER STEERING SYSTEM.

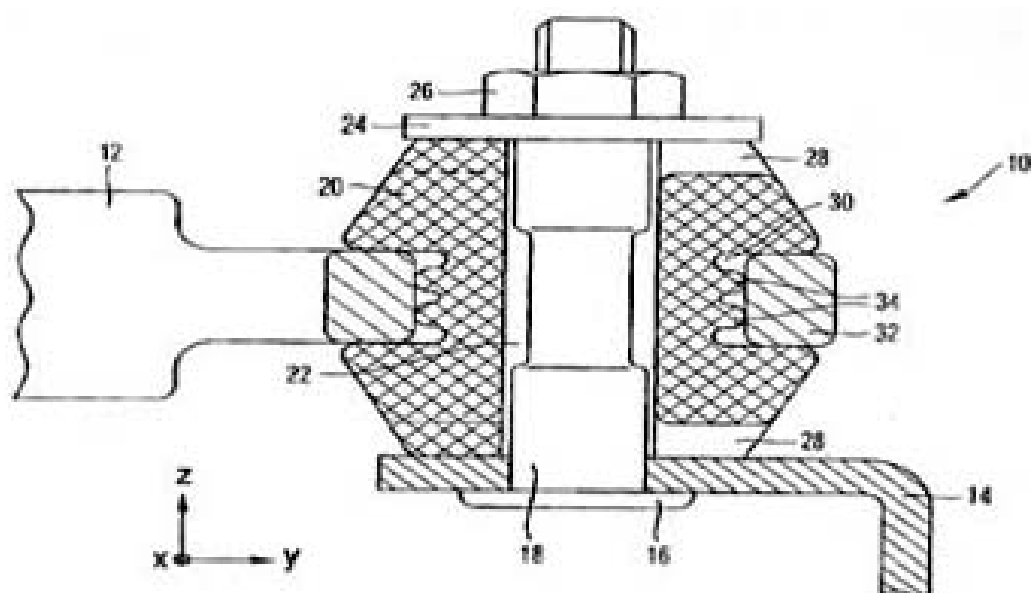
(51) International classification	:F16F1/373; F16F1/36	(71)Name of Applicant :
(31) Priority Document No	:202004004610.5	1)TRW Automotive GmbH
(32) Priority Date	:24/03/2004	Address of Applicant :Industriestrasse 20,73553 Alfdorf Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/003124	1)Volker HANSEMANN
Filing Date	:23/03/2005	2)Frank HOFMANN
(87) International Publication No	:WO2005/093283 A1	3)Michael SCHOLAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 11

(57) Abstract :

A rubber mounting (10), in particular for a motor-driven pump unit (12) of a power steering system, said rubber mounting having a holding flange (14), a bolt (16) which starts to extend from the holding flange, a rubber element (20) disposed on the bolt, and a fastening eye (32) disposed on the rubber element, is characterized in that the bolt (16) is waisted so that a particularly high flexibility of the rubber mounting in the case of movements in a plane perpendicular to the longitudinal axis of the bolt is achieved.



(54) Title of the invention : LEVEL ADJUSTMENT DEVICE, CAM HARNESS MOUNTING MECHANISM INCORPORATING SAID DEVICE AND WEAVING MACHINE FITTED WITH SAID MECHANISM.

(51) International classification :D03C5/02;
D03C5/00
(31) Priority Document No :0403218
(32) Priority Date :29/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000725
Filing Date :25/03/2005
(87) International Publication No :WO2005/098107 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STAUBLI FAVERGES a French Corporation

Address of Applicant :Place Robert Staubli F-74210 FAVERGES
France

(72)Name of Inventor :

1)PAGES,Jean-Pierre

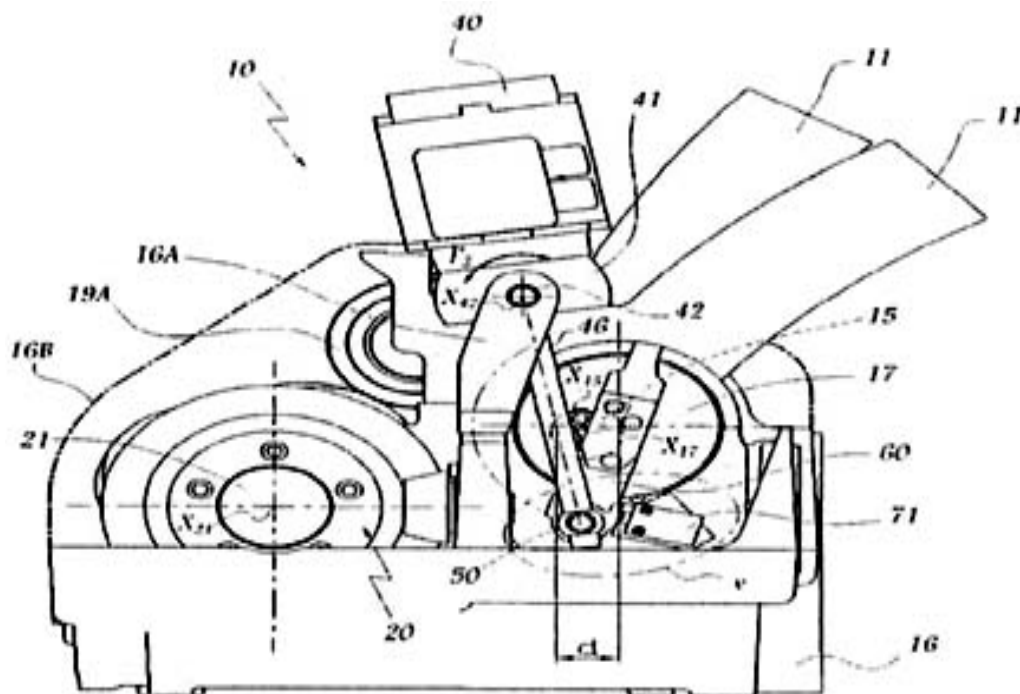
2)ILTIS,Patrick

No of Pages : 11

No of Claims : 10

(57) Abstract :

The invention relates to a weaving machine which is fitted with a cam harness mounting mechanism (10), wherein the frames are actuated by oscillating levers (11) provided with cam followers (19A) and mounted on a common shaft (15) whereby the position thereof can be varied in relation to the frame (16) with the aid of at least one eccentric (17). The angular orientation of said eccentric (17) is controlled with the aid of a motorization unit (40,41) which is articulated (en 42) on the frame (16) about an axis (X42) which is globally parallel to the pivoting axis (X17) of the eccentric 1 (17), and the output shaft of the motorization unit (40,41) is rotationally coupled to or formed by, a threaded rod (46) which is engaged in a plate nut (50) of a maneuvering arm (6) of the eccentric (17).



(54) Title of the invention : CAM FOLLOWER ARM FOR A WEAVING MECHANISM COMPRISING SAID LEVER AND WEAVING MACHINE FITTED AND WITH SAID MECHANISM.

(51) International classification :D03C5/02;
D03C5/00
(31) Priority Document No :0403219
(32) Priority Date :29/03/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000724
Filing Date :25/03/2005
(87) International Publication No :WO2005/098106 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)STAUBLI FAVERGES a French Corporation

Address of Applicant :Place Robert Staubli F-74210 FAVERGES

France

(72)Name of Inventor :

1)PAGES,Jean-Pierre

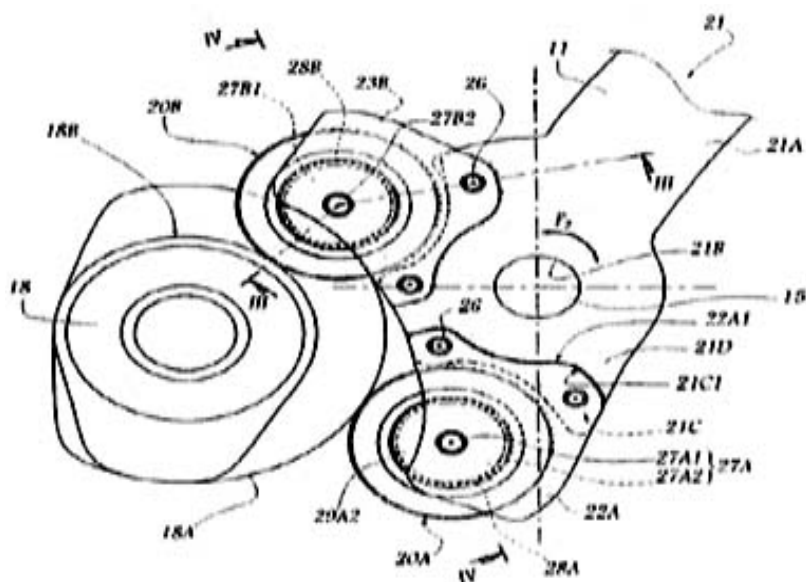
2)TARDY,Bastien

No of Pages : 14

No of Claims : 10

(57) Abstract :

The lever (11) is fitted with two rollers (20A, 20B) which are supported by a core (21) provided with a mounting bore (21B) on an articulated shaft, wherein the rollers (20A, 20B) are both mounted between two webs of a pair of webs which are added to the core (21). The webs (22A, 23B) are on the whole planar. A first web (22A) of each pair of webs is partially engaged in a hollow housing (21C) created on the lateral surface (21D) of the core (21). The second web (23B) of the same pair is maintained at a distance from the first web. The hollow housing (21C) are created on the two opposite lateral surfaces (21D) of the core (21) of the lever (11).



(54) Title of the invention : REDUCTION GEARING FOR AN ELECTRIC ACTUATOR.

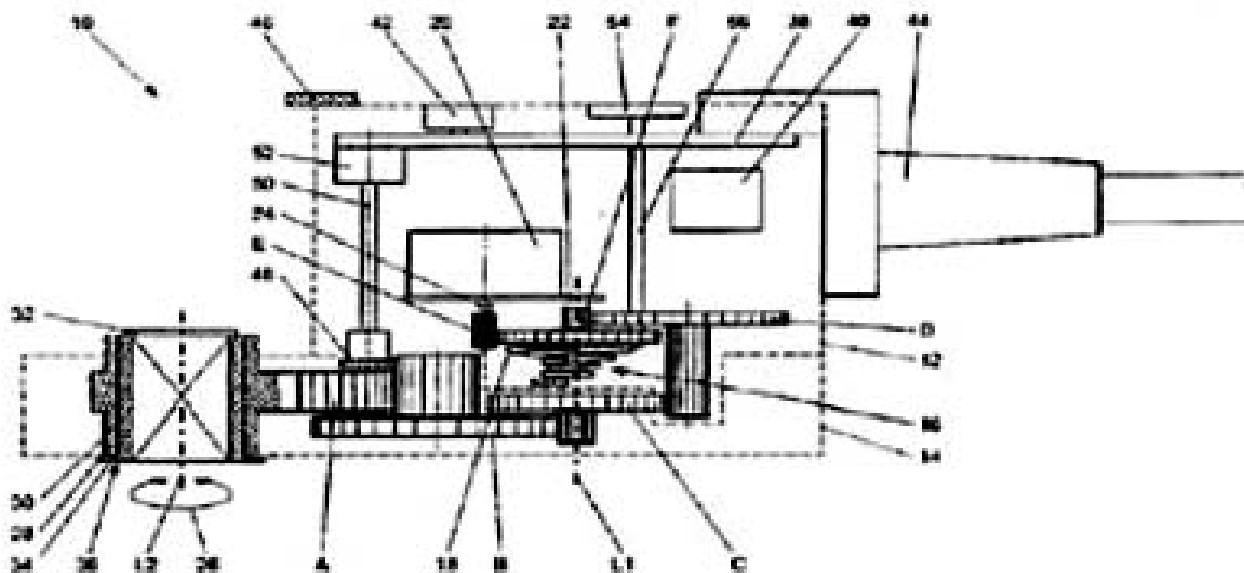
(51) International classification	:F16H57/02; F24F13/14	(71)Name of Applicant :
(31) Priority Document No	:465/04	1)BELIMO HOLDING AG,
(32) Priority Date	:19/03/2004	Address of Applicant :BRUNNENBACHSTRASSE 1, CH-8340
(33) Name of priority country	:Switzerland	HINWIL, Switzerland
(86) International Application No	:PCT/CH05/00126	(72)Name of Inventor :
Filing Date	:03/03/2005	1)FURRER , ANDREAS
(87) International Publication No	:WO 2005/090831	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 16

(57) Abstract :

The invention relates 10 reduction gearing (10) for an electrically driven actuator for controlling a gaseous or liquid volumetric flow (98) in particular in the fields of heating, ventilation and air conditioning technology and fire and smoke protection said reduction gearing (10) being modular. Said gearing consists essentially of primary gearing (12) containing at least one drive motor (20) and secondary gearing (14) with a power take off (36). In addition a self-limiter (16) is integrated into the primary gearing (12). The gearing modules (12 14) are detachably interconnected, in particular various secondary gearing mechanisms (14) can be used for the primary gearing (12). The invention reduction gearing (10) is advantageously complemented in particular by a modular actuator comprising a modular housing, a modular electronics system (38), a sensor and COM module and a coupling module (28).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2743/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : BINDER COMPOSITIONS AND ASSOCIATED METHODS.

(51) International classification	:C08G 63/12	(71) Name of Applicant :
(31) Priority Document No	:60/552,361	1)KNAUF INSULATION GMBH,
(32) Priority Date	:11/03/2004	Address of Applicant :1 KNAUF DRIVE,SHELBYVILLE, IN 46176-
(33) Name of priority country	:U.S.A.	1496 , U.S.A. U.S.A.
(86) International Application No	:PCT/US05/008018	(72) Name of Inventor :
Filing Date	:10/03/2005	1)HESSION,MARY,CO-LEGAL REPRESENTATIVE
(87) International Publication No	:WO 2005/087837	2)HELBING,,JAMES,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 34

(57) Abstract :

Disclosed are formaldehyde-free, thermally curable, alkaline, aqueous binder compositions, curable to formaldehyde-free, water-insoluble thermoset polyester resins, and uses thereof as binders for non-woven fibers and fiber materials

(54) Title of the invention : EXTERIOR REAR-VIEW MIRROR FOR VEHICLES. IN PARTICULAR MOTOR VEHICLES.

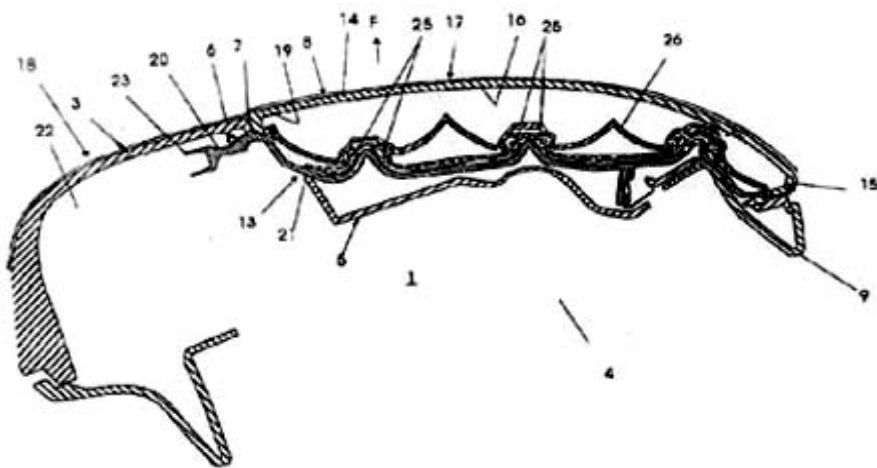
(51) International classification	:B60R1/12; B60R1/12	(71)Name of Applicant :
(31) Priority Document No	:10204018695.2	1)SCHEFENACKER VISION SYSTEMS
(32) Priority Date	:17/04/2004	Address of Applicant :GERMANY GMBH,Eckenerstr.2,73730
(33) Name of priority country	:Germany	Esslingen Germany
(86) International Application No	:PCT/EP2005/003360	(72)Name of Inventor :
Filing Date	:31/03/2005	1)SERND WALDMANN
(87) International Publication No	:WO2005/100089 A1	2)KARL-HEINZ LEONBERGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 14

(57) Abstract :

The invention relates exterior rearview mirrors, wherein lighting units (8) in the form of a repealing direction indicator lamp arc housed in the mirror head (I). In order for the (lightuser panel (14) to be substantially invisible when not illuminated, the difiuser panel is configured on its exterior in such a manner that it is invisible from the exterior when not illuminated, while the light beams emitted by the illumination means (25) have sufficient luminous intensity after passage through the diffuser panel (M) The exterior rearview mirror is especially suitable for motor vehicles.



(54) Title of the invention : ON-LINE MAKING OF POWDER-FREE RUBBER GLOVES.

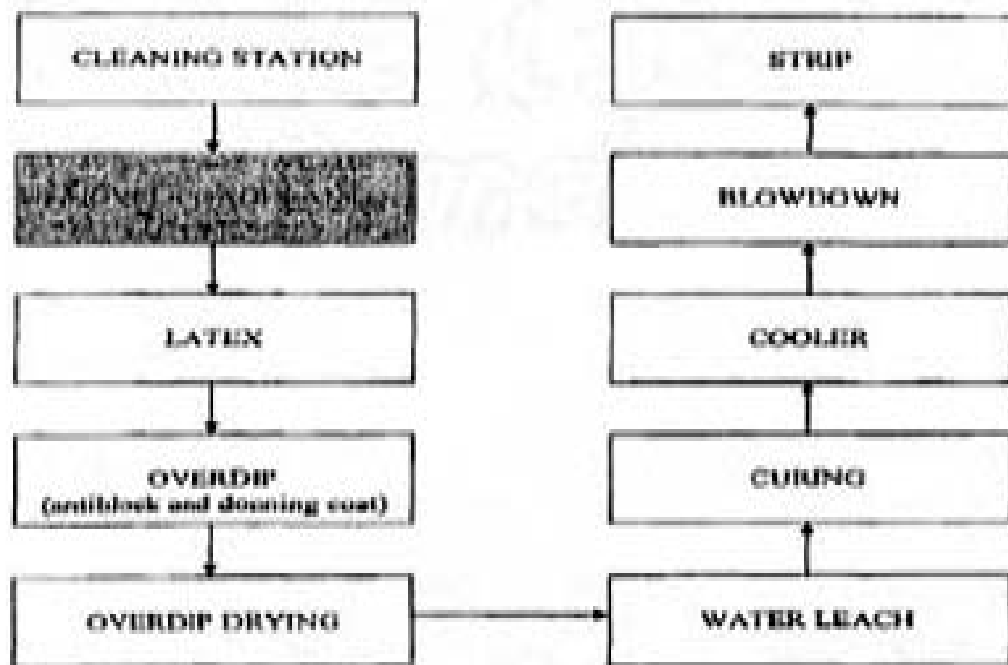
(51) International classification	:B32B 27/32	(71)Name of Applicant :	1)ANSELL HEALTHCARE PRODUCTS LLC
(31) Priority Document No	:PCT/US2004/011799		Address of Applicant :200 Schultz Drive,Red Bank NJ 07701 U.S.A.
(32) Priority Date	:06/04/2004	(72)Name of Inventor :	1)HASSAN,Noorman Bin Abu
(33) Name of priority country	:U.S.A.		2)LUCAS,David Mark
(86) International Application No	:PCT/US2004/011799		3)IBRAHIM,Hisam
Filing Date	:16/04/2004		
(87) International Publication No	:WO2005/110749 A1		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 17

No of Claims : 16

(57) Abstract :

A powder-free medical glove having a first surface of a powder-free coagulant and a second surface with a polymer coating to ease donning. The powder-free coagulant on the first surface comprises micronized high-density polyethylene, a micro-emulsion of amino silicone, a dimethicone emulsion, calcium salts, an ethoxylated acetylenic diol surfactant and a cellulose thickener. The medical gloves are made in an on-line process of making latex articles that involves dipping hand-shaped formers into the coagulant before dipping them into the latex. The gloves are thereafter coated with a polymer to improve donnability before removal from the formers. The novel coagulant formulation permits easy removal of the articles from the formers, cases double-donning of gloves and eliminates the need for off-line processing.

Polymer Coated Latex Glove Process Flowchart

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2746/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CLOPIDOGREL SALT AND POLYMORPHIC FORMS THEREOF.

(51) International classification	:C07D 495/04
(31) Priority Document No	:60/563,795
(32) Priority Date	:20/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013279
Filing Date	:18/04/2005
(87) International Publication No	:WO2005/103059 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANOFI-AVENTIS

Address of Applicant :174,AVENUE DE FRANCE FR-75013 PARIS
France

(72)Name of Inventor :

1)LORIMER KEITH RICHARD

2)TEE FUAY NG ALICIA

No of Pages : 30

No of Claims : 42

(57) Abstract :

The invention relates to methyl(+)-(S)-alpha-(2-chlorophenyl)-6,7-dihydrothieno[3,2-C]pyridine-5(4H) acetate naphthalene-1,5-disulfonate or a polymorphic form and/or a hydrate and/or a solvate thereof, to pharmaceutical compositions containing the same, and to the method of use thereof for inhibiting platelet aggregation.

(54) Title of the invention : RECOVERY OF METALS FROM OXIDISED METALLIFEROUS MATERIALS.

(51) International classification :C22B 3/00
 (31) Priority Document No :2004901591
 (32) Priority Date :25/03/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000426
 Filing Date :24/03/2005
 (87) International Publication No :WO 2005/093107 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

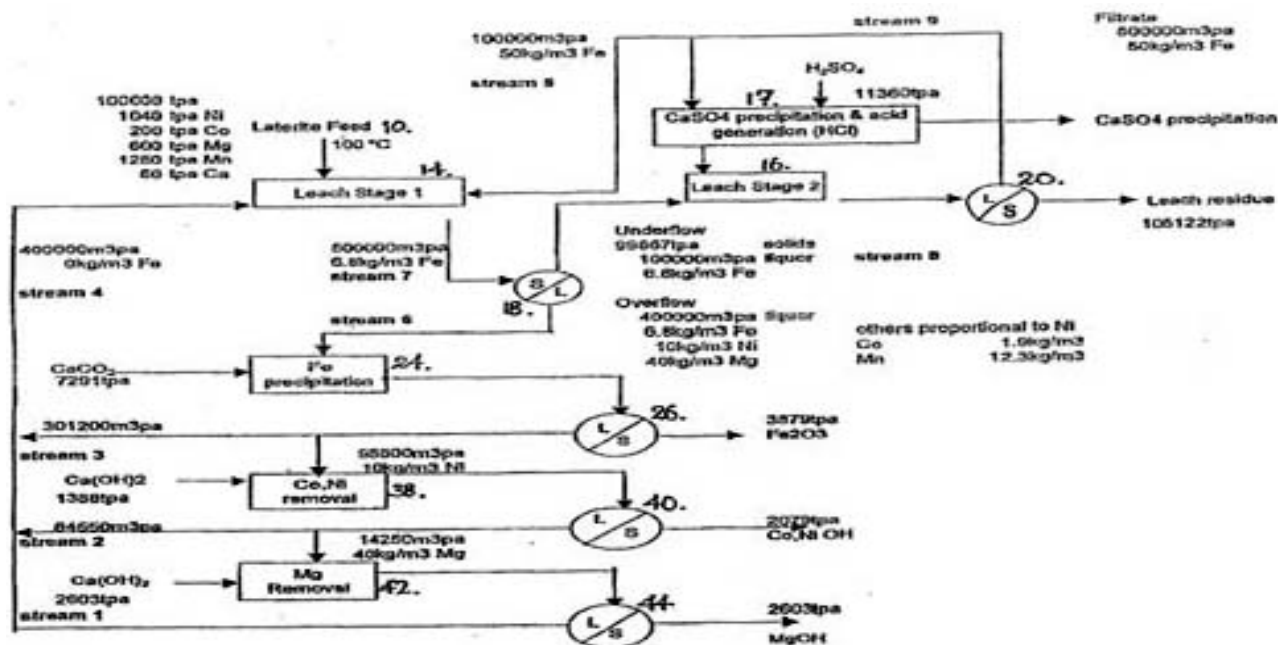
(71)Name of Applicant :
1)INTEC LTD.
 Address of Applicant :GORDON CHIU
 BUILDING,J01,DEPARTMENT OF CHEMICAL
 ENGINEERING,MAZE CRESCENT THE UNIVERSITY OF
 SYDNEY,SYDNEY, NEW SOUTH WALES 2006 Australia
 (72)Name of Inventor :
1)MOYES, JOHN
2)HOULLIS, FRANK
3)TONG,ANDREW

No of Pages : 43

No of Claims : 34

(57) Abstract :

A process for recovering a target metal from an Oxidised metalliferous material comprises the steps of: - in an acid generation stage adding sulfuric acid to a solution comprising a metal halide to generate an acidic aqueous halide solution; in a leaching stage that is separate to the acid generation stage, leaching the oxidised metalliferous material with, the acidic aqueous halide solution to leach the target metal into solution; - passing the solution from the leaching stage to a target metal recovery stage in which the target metal is recovered from the solution whilst the metal halide are retained in solution; and - returning the solution with the metal halide therein from the target metal recovery stage to the acid generation stage.



(54) Title of the invention : HYDRAULICALLY ADJUSTABLE CONE CRUSHER.

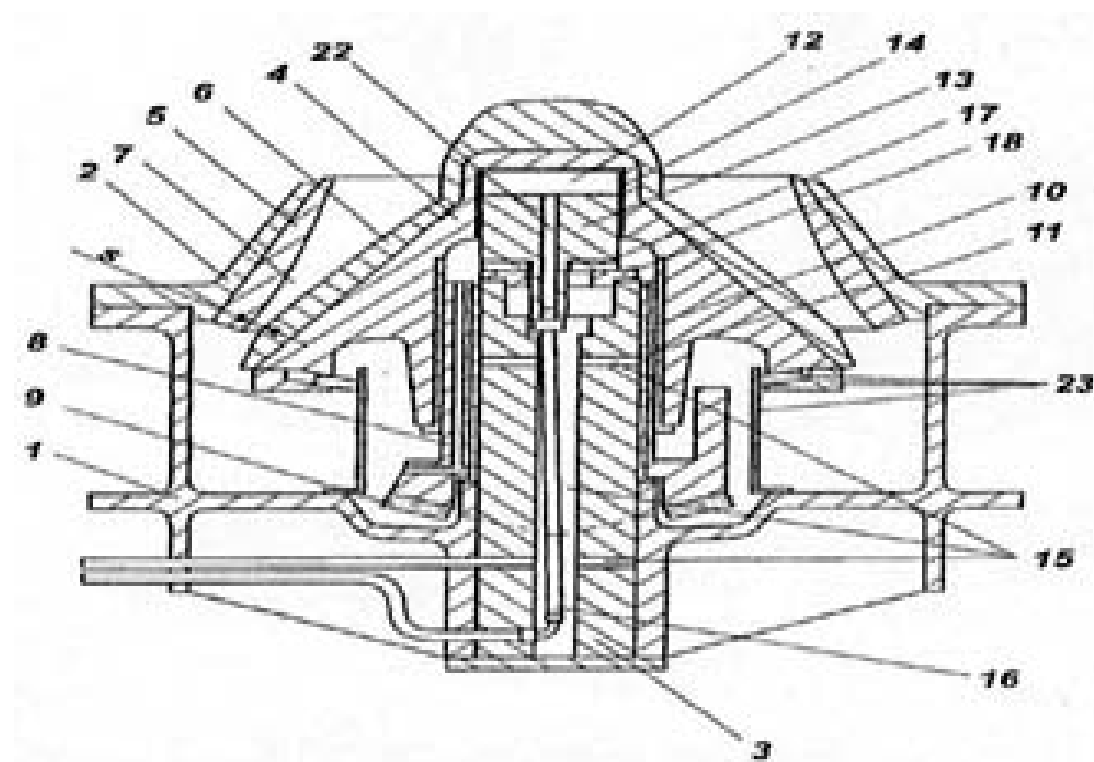
(51) International classification	:B02C2/04; B02C2/00	(71)Name of Applicant :
(31) Priority Document No	:20040585	1)METSO MINERALS (TAMPERE)OY
(32) Priority Date	:26/04/2004	Address of Applicant :P.O BOX 306 FI-33101 TAMPERE Finland
(33) Name of priority country	:Finland	(72)Name of Inventor :
(86) International Application No	:PCT/FI2005/050116	1)NIEMINEN,ILPO
Filing Date	:12/04/2005	2)LEHTONEN,HARRI
(87) International Publication No	:WO2005/102530	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 7

(57) Abstract :

The present invention concerns a hydraulically adjustable cone crusher characterized in that the adjustment piston (13) and the adjustment cylinder (12) of the hydraulic adjustment system are formed into a space defined by the main shaft (3) and the crushing head (4) of the crusher.



(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING EMAIL MESSAGES.

(51) International classification :G06F15/16;G06F15/173
 (31) Priority Document No :10/814,999
 (32) Priority Date :31/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010685
 Filing Date :30/03/2005
 (87) International Publication No :WO 2005/098642
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GOOGLE INCAddress of Applicant :1600,AMPHITHEATRE PARKWAY,
MOUNTAIN VIEW, CA 94043, U.S.A.

(72)Name of Inventor :

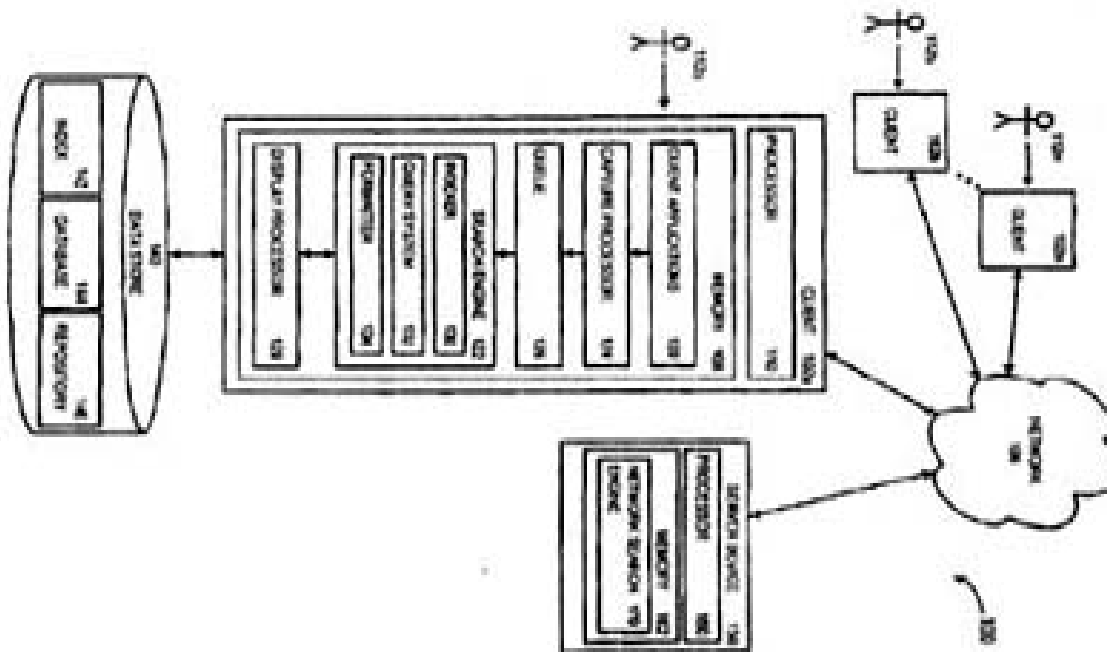
1)AUERBACH,DAVID,BENJAMIN**2)KHAN,OMAR, HABIB****3)LAWRENCE, STEPHEN, R.****4)IONESCU, MIHAI, FLORIN**

No of Pages : 50

No of Claims : 56

(57) Abstract :

Systems and methods for processing email messages are describe. In one embodiment, the occurrence of a condition is determined indicating at least one email message transfer of an email message by an email application, wherein determining the occurrence of the condition is external to the email application, the email message is identified, wherein the email message comprises event data, an email event is compiled from at least some of the event data, and the email event is indexed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2750/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR A BRAGG GRATING TUNABLE FILTER.

(51) International classification	:G02B27/10; G02B27/42	(71)Name of Applicant : 1)CALIFORNIA INSTITUTE OF TECHNOLOGY
(31) Priority Document No	:60/546,634	Address of Applicant :1200 EAST CALIFORNIA BLVD.,PASADENA
(32) Priority Date	:20/02/2004	CA 92115 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/005379	1)BLAIS-OUELLETTE SEBASTIEN
Filing Date	:19/02/2005	
(87) International Publication No	:WO2005/083473 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 19

(57) Abstract :

The present invention relates to tunable filters. More specifically, the present invention pertains to a method and apparatus that allows tuning of a wavelength over a large optical band. The disclosed system and method allows an arbitrary wavelength selection of an incoming beam of light. The disclosed system and method may be used in imaging systems like telescopes or microscopes, or for point sources like laser or optical fibers. Further, in the case of optical fibers, it may be used as an add/drop filter.

(54) Title of the invention : METHOD FOR MACHINING A MATERIAL WITH HIGH-POWER DENSITY ELECTROMAGNETIC RADIATION

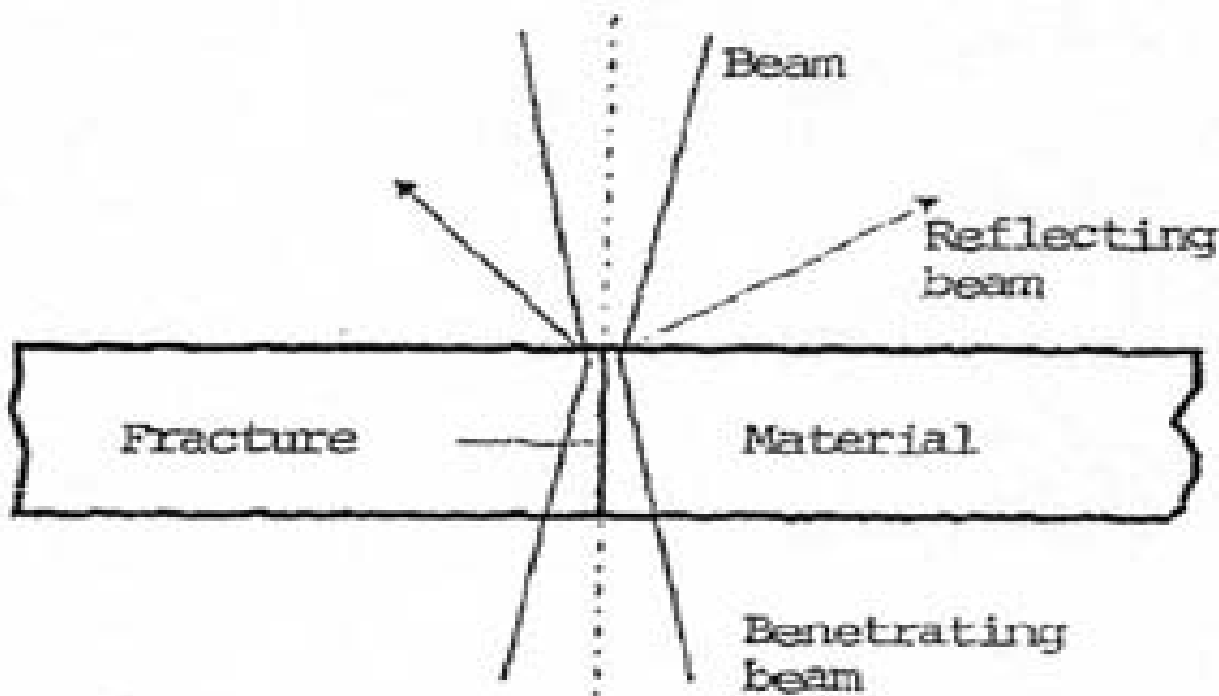
(51) International classification	:B23K26/04; B23K26/38	(71)Name of Applicant :
(31) Priority Document No	:20045084	1)OY SAMILL LTD
(32) Priority Date	:18/03/2004	Address of Applicant :LENTOKATU 2,FI-90460 OULUNSALO
(33) Name of priority country	:Finland	Finland
(86) International Application No	:PCT/FI2005/050087	(72)Name of Inventor :
Filing Date	:16/03/2005	1)SALMINEN ANTTI
(87) International Publication No	:WO2005/087429	2)HOVIKORPI JARI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 5

(57) Abstract :

The invention relates to a method for machining a material with high-power density electromagnetic radiation. The radiation has its wavelength selected material-specifically, such that the radiation penetrates inside the material without substantial surface absorption. The radiation is focused on a spot inside the material and/or in the proximity of a penetration surface and this spot is moved along a desired machining path. The electromagnetic radiation can be provided by laser light and the focusing can be effected by means of optics. The method is particularly useful in cutting glass and the method offers benefits, including only slight heating of the machined workpiece, smoothness of the fracture plane and no vaporization of harmful alloying elements.



(54) Title of the invention : SYSTEMS AND METHODS FOR WEIGHTING A SEARCH QUERY RESULT.

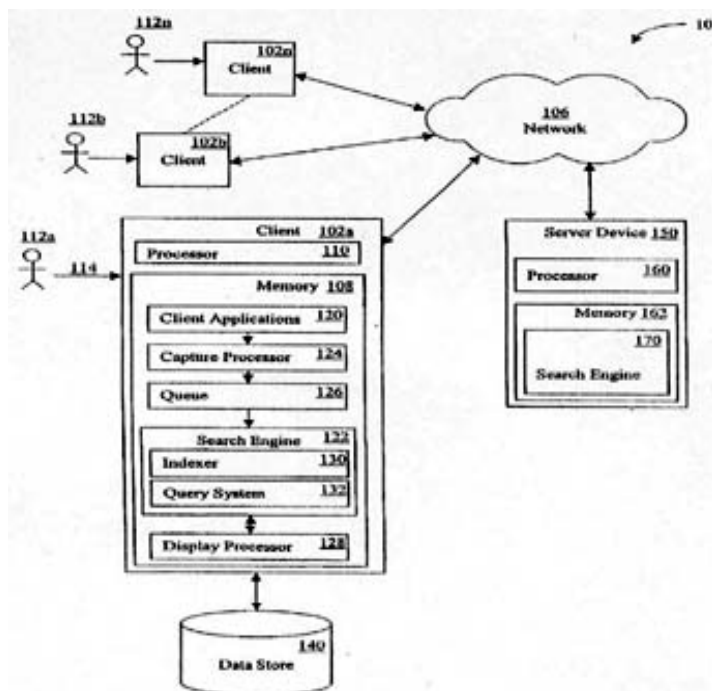
(51) International classification	:G06F7/00;	(71)Name of Applicant :
(31) Priority Document No	G06F7/00;	1)GOOGLE INC
(32) Priority Date	:10/815,074	Address of Applicant :1600,AMPHITHEATRE PARKWAY
(33) Name of priority country	:31/03/2004	MOUNTAIN VIEW,CA 94043 U.S.A.
(86) International Application No	:U.S.A.	(72)Name of Inventor :
Filing Date	:PCT/US2005/010688	1)LAWRENCE,STEPHEN,R
(87) International Publication No	:30/03/2005	2)WANG,NINIANE
(61) Patent of Addition to Application Number	:WO2005/098592 A2	3)MARMAROS,DAVID
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 74

No of Claims : 21

(57) Abstract :

Systems and methods for weighting a search query result are described. In one described system, a program, such as a query system, determines a first article identifier associated with a source and receives an input signal indicating an interest in the first article identifier. The query system then determines a second article identifier associated with the source and determines a score associated with the second article identifier based at least in part on the input signal.



(54) Title of the invention : PYRAZOLO[3,4-B] PYRIDINE COMPOUND, AND ITS USE AS A PDE4 INHIBITOR.

(51) International classification :C07D 487/04
 (31) Priority Document No :0405893.9
 (32) Priority Date :16/03/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/EP2005/003038
 Filing Date :15/03/2005
 (87) International Publication No :WO 2005/090352
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to 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 U.K.

(72)Name of Inventor :

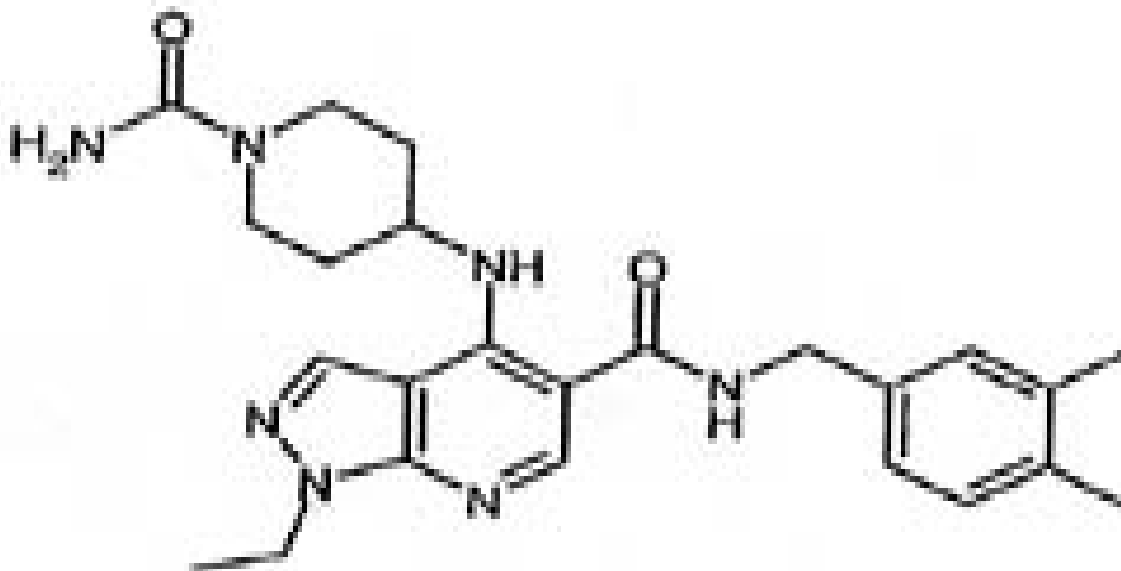
1)CHRISTENSEN, IV SIEGFRIED BENJAMIN**2)COOK CAROLINE MARY****3)EDLIN CHRISTOPHER DAVID****4)JOHNSON MARTIN REDPATH****5)JONES PAUL SPENCER****6)LINDVALL MIKA KRISTIAN****7)SAYANI AMYN PYARALI****8)TRIVEDI NAIMISHA****9)TROTTER LIONEL**

No of Pages : 87

No of Claims : 40

(57) Abstract :

The invention provides 4-[[1-(aminocarbonyl)-4-piperidiny]amino}-N-[(3,4-dimethylphenyl)methyl]-1-ethyl-1H-pyrazolo[3,4-b]pyridine-5-carboxamide, which is the compound of formula (I), or a salt thereof. The invention also provides the use of said compound or a pharmaceutically acceptable salt thereof as an inhibitor of phosphodiesterase type IV (PDE4), for example in the treatment and/or prophylaxis of an inflammatory and/or allergic disease, cognitive impairment or depression in a mammal. In particular, the invention provides the use of the compound or pharmaceutically acceptable salt in the treatment and/or prophylaxis of atopic dermatitis in a mammal, for example by external topical administration to the mammal such as a human. Pharmaceutical compositions containing said compound or salt, in particular suitable for external topical administration, are also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2754/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SUGAR SUBSTITUTE PREPARED WITH NUTRITIVE AND HIGH INTENSITY SWEETENERS

(51) International classification	:C13F 3/00
(31) Priority Document No	:10/807,067
(32) Priority Date	:23/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007467
Filing Date	:08/03/2005
(87) International Publication No	:WO2005/103304 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MCNEIL-PPC,INC
Address of Applicant :Grandview Road Skillman,NJ 08558 U.S.A.
(72)**Name of Inventor :**
1)Roma Vazirani

No of Pages : 23

No of Claims : 31

(57) Abstract :

A sweetener composition and a method of producing it. The composition contains granules having a core and a layer on the core. The core contains one or more nutritive sweeteners, such as sucrose, and the layer on the core contains sucralose. The layer may optionally contain a binder and/or non-nutritive sweeteners in addition to sucralose. The composition may contain (other than materials of no essential significance) only such granules, or it may include such granules admixed with granules containing only nutritive sweeteners (such as sucrose). Compositions of the invention may exhibit a variety of advantages, including good sweetness homogeneity and good stability under accelerated aging conditions.

(54) Title of the invention : BINDER AND COATING SLIP FOR COATING BASE PAPER IN INKJECT PAPER PRODUCTION

(51) International classification	:B41M 5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2004 018 432.1	1)GELITA AG
(32) Priority Date	:06/04/2004	Address of Applicant :UFERSTRASSE 7 69412 EBERBACH
(33) Name of priority country	:Germany	GERMANY Germany
(86) International Application No	:PCT/HP2005/000630	(72)Name of Inventor :
Filing Date	:22/01/2005	1)ECKL,JOSEF
(87) International Publication No	:WO 2005/097513	2)RAAB, ALEMANDER
(61) Patent of Addition to Application Number	:NA	3)DISTERS, DIRK
Filing Date	:NA	4)KOHLER, BERITHOL
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 19

(57) Abstract :

In order to obtain a binder for coating slips that allow the production of inexpensive inkjet papers which exhibit relatively high color depths with inkjet inks and consequently can in many cases replace the higher-grade and expensive qualities of inkjet photographic papers, it is proposed that the binder comprises gelatine as a first binder component and fractions of at least one further binder component which is selected from vinyl alcohol polymers and copolymers as well as carbohydrates and their derivatives, the solid fraction of the gelatine in the binder being greater than the sum of the solid fractions of the further binder component or components.

(54) Title of the invention : SOURCE-CODE GENERATION SUPPORTING PROGRAM AND SOURCE-CODE-GENERATION SUPPORTING METHOD

(51) International classification	:G06F9/44; G06F9/44	(71)Name of Applicant : 1)FUJITSU LIMITED
(31) Priority Document No	:NA	Address of Applicant :1-1,Kamikodanaka 4-chome,Nakahara-ku kawasaki-shi,kanagawa 211-8588 Japan
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Hiroshi MIYAZAKI
(86) International Application No	:PCT/JP2004/006168	
Filing Date	:28/04/2004	
(87) International Publication No	:WO2005/106650	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

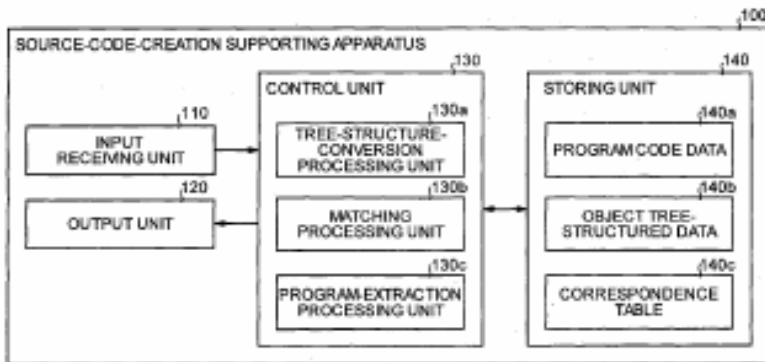
No of Pages : 24

No of Claims : 8

(57) Abstract :

A tree-structure-conversion processing unit (130a) generates tree-structured data based on generated sequence diagram data. A matching processing unit (130b) retrieves tree-structured data matching with the generated tree-structured data from object tree-structured data (140b). A program-extraction processing unit (130c) obtains a corresponding existing program code from program-code specifying information in the matching tree-structured data and replaces an instance name in the obtained program code to an instance name corresponding to the generated sequence diagram data.

FIG.2



(54) Title of the invention : SOLID PRODUCT DISSOLVER AND METHOD OF USE THEREOF

(51) International classification	:B01D 11/02
(31) Priority Document No	:10/836,386
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014250
Filing Date	:25/04/2005
(87) International Publication No	:WO2005/110574 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**
1) NALCO COMPANY
 Address of Applicant : 1601, Diehl Road Naperville, Illinois 60563-1198
 U.S.A.

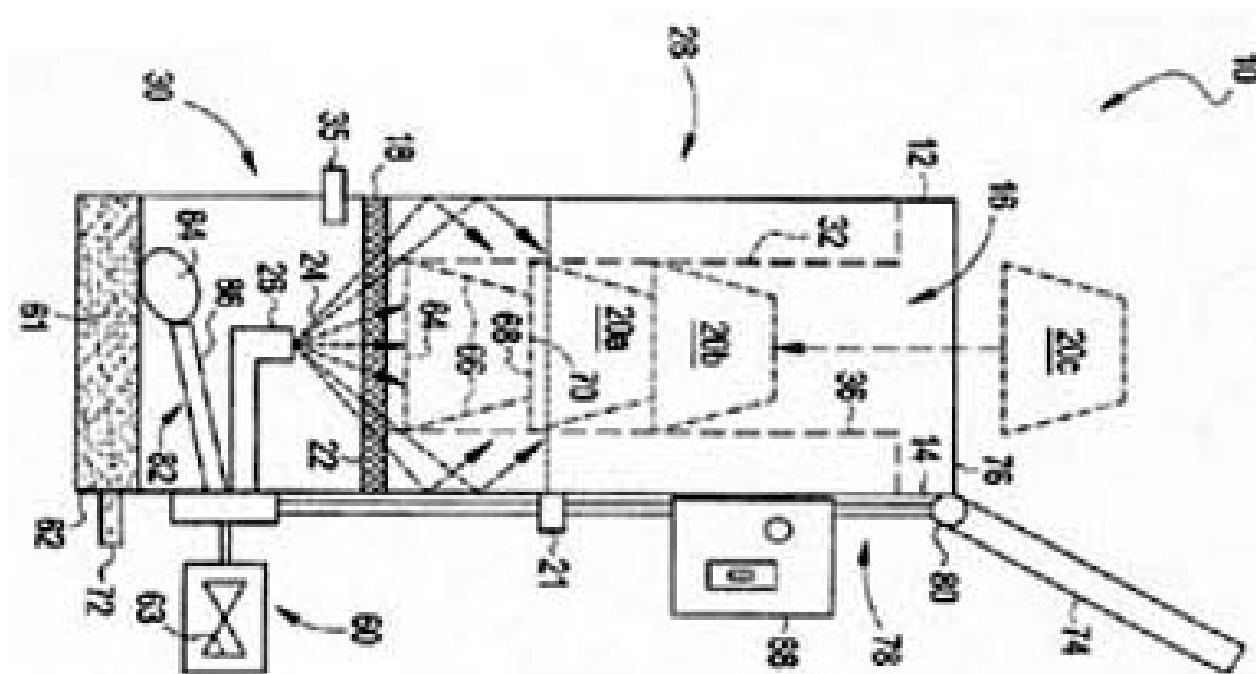
(72) **Name of Inventor :**
1) GREAVES, Michael D
2) BEDFORD, BRUCE D
3) MUNCH, Stefan
4) STANKIEVICZ, William
5) COPELAND, James L

No of Pages : 45

No of Claims : 61

(57) Abstract :

The present invention provides a device for producing a water treatment solution from a solid chemical block for distribution into a water system selected from the group comprising an institutional water system and an industrial water system. The device includes a housing to contain the solid chemical block. A fluid, preferably water at ambient temperature, is introduced into the housing to dissolve the block and form a liquid solution that may then be dispensed into either an institutional water system or an industrial water system. A method of dispensing the liquid solution with the device is also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2758/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : USE OF ANIONIC COPOLYMERS FOR ENHANCED RECOVERY OF USEFUL COAL FROM SCREEN BOWL CENTRIFUGE

(51) International classification :B01D 37/03
(31) Priority Document No :10/853,840
(32) Priority Date :26/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007131
Filing Date :03/03/2005
(87) International Publication No :WO2005/118487 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NALCO COMPANY
Address of Applicant :1601,Diehl Road Naperville,Illinois 60563-1198
U.S.A.
(72)Name of Inventor :
1)DIMAS,Peter A
2)MCGOUGH,Kenneth M

No of Pages : 22

No of Claims : 4

(57) Abstract :

The present invention provides a device for producing a water treatment solution from a solid chemical block for distribution into a water system selected from the group comprising an institutional water system and an industrial water system. The device includes a housing to contain the solid chemical block. A fluid, preferably water at ambient temperature, is introduced into the housing to dissolve the block and form a liquid solution that may then be dispensed into either an institutional water system or an industrial water system. A method of dispensing the liquid solution with the device is also provided.

(54) Title of the invention : CONTACT LENS PACKAGES

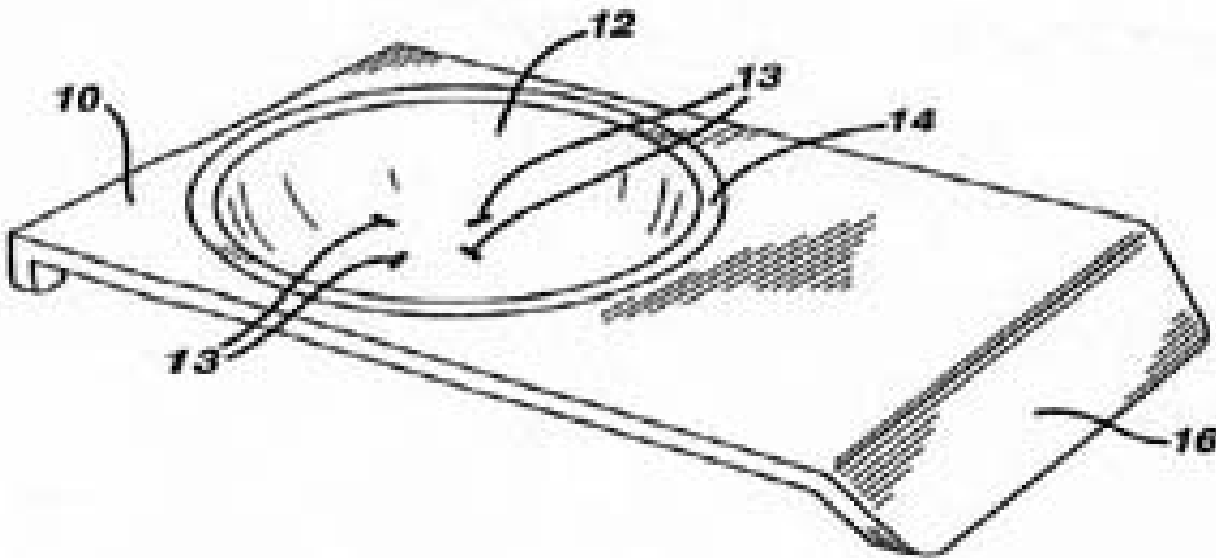
(51) International classification	:B65D75/36; C08K3/00	(71)Name of Applicant :
(31) Priority Document No	:10/803,606	1)JOHNSON & JOHNSON VISION CARE,INC
(32) Priority Date	:18/03/2004	Address of Applicant :7500 Centurion Parkway,Suite 100
(33) Name of priority country	:U.S.A.	Jacksonville,FL 32256 U.S.A.
(86) International Application No	:PCT/US2005/006683	(72)Name of Inventor :
Filing Date	:02/03/2005	1)Susan K.Brown-Skrobot
(87) International Publication No	:WO2005/092709 A1	2)Michael G.Tokarsld
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 19

(57) Abstract :

The invention provides a package in which opacifying agents are used for storing medical devices that substantially eliminates reaction of a pharmaceutical agent, antimicrobial agent or both with light, which agent is incorporated into the device or contained in a solution in which the device is packaged. Preferred opacifying agent is titanium dioxide or a photochromic compound.



(54) Title of the invention : SYSTEM FOR PROCESSING VALUE DOCUMENTS

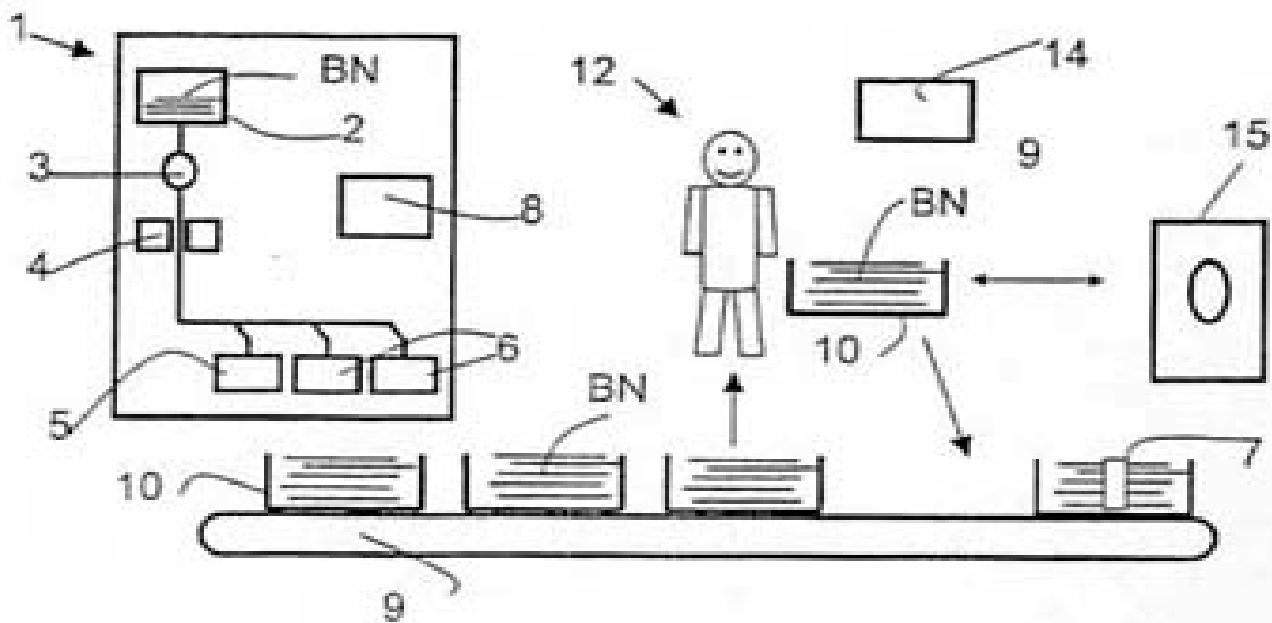
(51) International classification	:G07D7/00; G07D13/00	(71) Name of Applicant : 1)GIESECKE&DEVRIENT GMBH Address of Applicant :PRINZREGENTENSTRASSE 159, 81677,MUNCHEN,GERMANY Germany
(31) Priority Document No	:10 2004 013 903.2	(72) Name of Inventor :
(32) Priority Date	:22/03/2004	1)DIETRICH, HELMUT
(33) Name of priority country	:Germany	2)HAUSLER,AUGUST
(86) International Application No	:PCT/EP2005/002624	3)HAUSLER,AUGUST
Filing Date	:11/03/2005	4)GROSSMANN,GUIDO
(87) International Publication No	:WO 2005/096233	5)GOFFER, REINHARD
(61) Patent of Addition to Application Number	:NA	6)HUHNSTOCK,MICHAEL
Filing Date	:NA	7)LEUTHOLD,KARL-HEINZ
(62) Divisional to to Application Number	:NA	8)WERNER, FRANK
Filing Date	:NA	

No of Pages : 33

No of Claims : 34

(57) Abstract :

The invention relates to a system for processing documents of value, in particular for the quality check of freshly produced bank notes. The invention is based on the idea to provide devices for postprocessing those bank notes checked by a checking apparatus that do not meet the predetermined stacking criteria, the stacking criteria in particular relating to the quantity and/or serial numbers of the stacked bank notes. These devices can insert e.g. replacement documents, such as separator cards or replacement bank notes, in the stack of bank notes to be postprocessed. These devices can either be constituent part of the checking apparatus itself, in order to permit an automatic postprocessing of faulty bank note stacks, or e.g. can be integrated in a separate apparatus, at which the bank notes checked and stacked by the checking apparatus and to be postprocessed are postprocessed. Preferably, the postprocessing is automatically supported or effected fully automatic.



(54) Title of the invention : NON CYCLIC HINDERED KETONES AS PERFUMING INGREDIENT

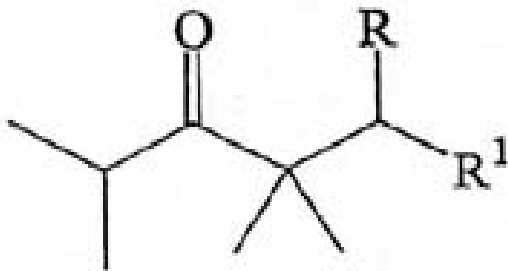
(51) International classification	:C07C49/203	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB2004/001607	1)FIRMENICH S.A
(32) Priority Date	:13/05/2004	Address of Applicant :1,ROUTE DES JEUNES,P.O.BOX 239,CH-
(33) Name of priority country	:France	1211, Switzerland
(86) International Application No	:PCT/IB2005/001265	(72)Name of Inventor :
Filing Date	:02/05/2005	1)GAUDIN, FEAN-MARC
(87) International Publication No	: WO/2005/110961	2)MILLET,PASCAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 9

(57) Abstract :

The present invention relates to the use as perfuming ingredient of a compound of formula(I) wherein R represents a hydrogen atom or a methyl or ethyl group, and r1 represents(i) a(me)(r2)c=r3) group, r2 representing a hydrogen atom or a methyl group and r3 representing a methyl or ethyl group, or (ii) a phenyl group optionally substituted by one or tow methyl groups; as well as to the compositions or articles associated with said compound.



(54) Title of the invention : ULTRASONIC CURING OF DENTAL FILLING MATERIALS

(51) International classification	:A61K 6/027 , A61K 6/083	(71)Name of Applicant :
(31) Priority Document No	:60/562,246	1)DENTOFIT A/S
(32) Priority Date	:15/04/2004	Address of Applicant :C/O FORSKNINGSCENTER RISO,
(33) Name of priority country	:U.S.A.	FREDERIKSBORGVEJ 399,DK-4000 ROSKILDE, DENMARK Denmark
(86) International Application No	:PCT/DK2005/000258	(72)Name of Inventor :
Filing Date	:14/04/2005	1)VAN LELIEVELD, ALEXANDER
(87) International Publication No	:WO 2005/099652	2)ALMDAL,KRSTOFFER
(61) Patent of Addition to Application Number	:NA	3)LINDEROTH,SOREN
Filing Date	:NA	4)SORENSEN, BENT,FRUERLUND
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 17

(57) Abstract :

The present invention relates to a composite material exhibiting a low or even negligible volumetric shrinkage upon curing, or even a small expansion (e.g. up to 0.5%), in particular composite materials in the form of dental filling materials. The present invention also relates to a method of controlling volumetric shrinkage of a composite material upon curing, and to a method of reconstructing a tooth. The present invention also relates to ultrasonic curing of dental filling materials. The present invention further relates to a population of zirconia particles and methods for preparing such zirconia particles (e.g. zirconia in the tetragonal phase or zirconia in the cubic phase). The martensitic transformation of the filler ingredients is, e.g., triggered by application of ultrasound or by a chemical trigger



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2763/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : AQUEOUS INTRACULAR PENETRATION PROMOTING EYE DROP

(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:2004-322569	1)SENJU PHARMACEUTICAL CO.,LTD
(32) Priority Date	:05/11/2004	Address of Applicant :5-8,HIRANOMACHI2-CHOME CHUO-KU
(33) Name of priority country	:Japan	OSAKA-SHI OSAKA 541-0046 Japan
(86) International Application No	:PCT/JP2005/020302	(72)Name of Inventor :
Filing Date	:04/11/2005	1)SAWA SHIROU
(87) International Publication No	:WO2006/049250	2)FUJIMOTO TOMOKO
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 35

(57) Abstract :

Aqueous eye drops which contain 2-amino-3-(4-bromobenzoyl)phenyl acetic acid, a pharmacologically acceptable salt thereof, or a hydrate of either and an organic amine (e.g., aminoethylsulfonic acid or trometamol) or a salt thereof. When applied once a day, the eye drops enable the 2-amino-3-(4-bromobenzoyl)phenylacetic acid to be present in the aqueous humor over at least 24 hours in a remedially effective concentration. It is hence useful as aqueous eye drops of the one-administration-a-day type for the treatment of inflammatory diseases on the external segment or anterior segment of the eye.

(54) Title of the invention : PREPARATION OF SYNGAS FOR ACETIC ACID SYNTHESIS BY PARTIAL OXIDATION OF METHANOL FEEDSTOCK

(51) International classification :C01B 3/32
 (31) Priority Document No :60/586,547
 (32) Priority Date :09/07/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CY2005/000001
 Filing Date :23/06/2005
 (87) International Publication No :WO 2006/005269
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

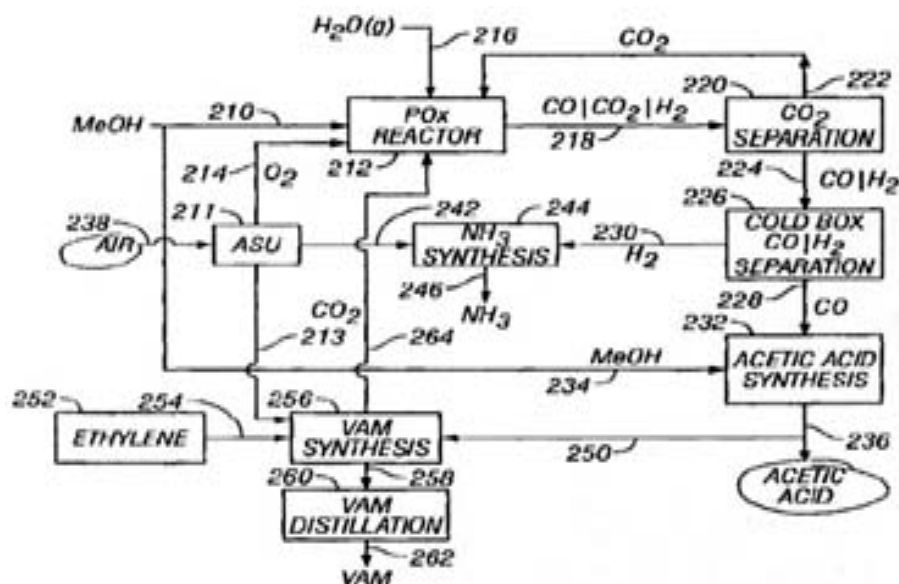
(71)Name of Applicant :
1)ACETEX (CYRUS) LIMITED
 Address of Applicant :400 HWY 77S/PO BOX 428,BISHOP,TX 78343
 U.S.A.
 (72)Name of Inventor :
1)THEBAUT DNIEL MARCEL

No of Pages : 33

No of Claims : 18

(57) Abstract :

A method for the production of syngas from methanol feedstock is disclosed. The methanol feed (110) is supplied to a partial oxidation reactor (112) with oxygen (114) and optionally steam (116) to yield a mixed stream (118) of hydrogen, carbon monoxide, and carbon dioxide. The carbon dioxide (122) is separated out and the hydrogen and carbon monoxide mixture (124) is fed to a cold box (126) where it is separated into hydrogen-rich and carbon monoxide-rich streams (130,128). The separated carbon dioxide (122) can be recycled back to the partial oxidation reactor(112)as a temperature moderator if desired. The carbon monoxide-rich stream (128) can be reacted with methanol (134) in an acetic acid synthesis unit (132) by a conventional process to produce acetic acid (136)or an acetic acid precursor. Optionally, an ammonia synthesis unit (144) and/or vinyl acetate monomer.



(54) Title of the invention : HARVESTING DEVICE

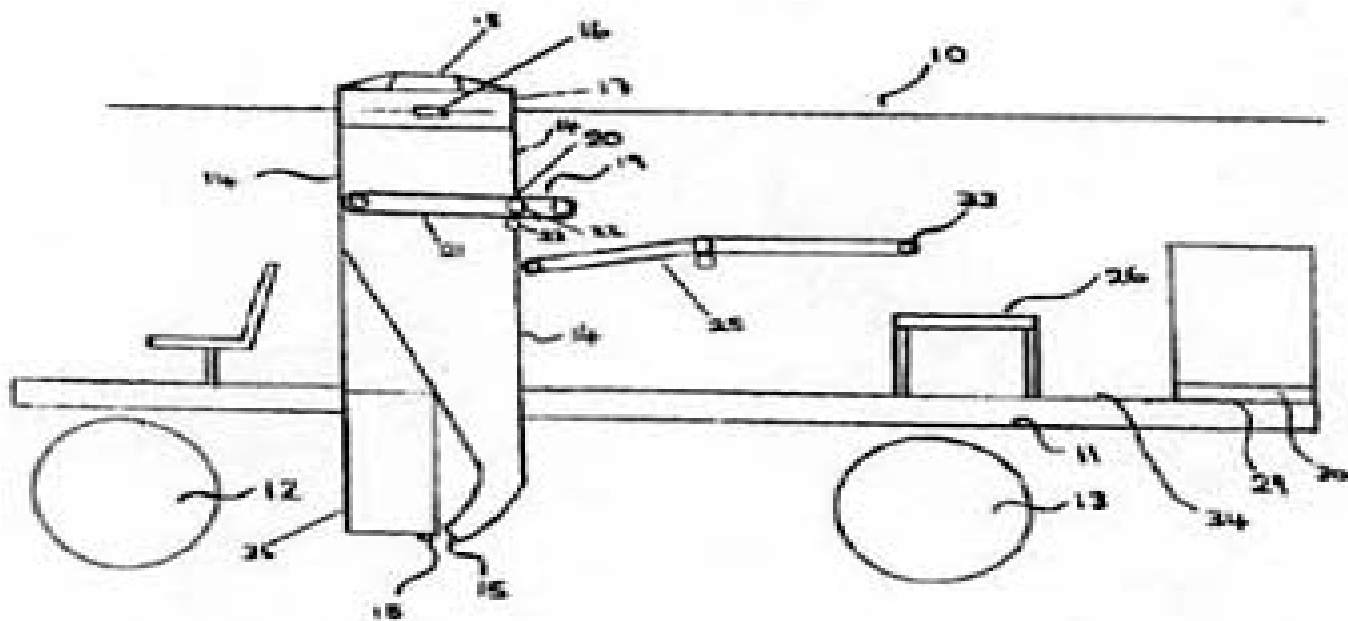
(51) International classification	:A01D47/00; A01D65/00	(71)Name of Applicant :
(31) Priority Document No	:0406600.7	1)NICHOLSON MACHINERY LIMITED
(32) Priority Date	:24/03/2004	Address of Applicant :33 COMMON LANE,SOUTHERY, DOWNHAM MARKET,NORFLOK PE 38 0PB GREAT BRITAIN U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2005/001176	1)NICHOLSON DAVID
Filing Date	:24/03/2005	
(87) International Publication No	:WO2005/092077 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 8

(57) Abstract :

The invention provides a crop harvesting device comprising means for generating an air flow which causes the crop to stand up in the air flow and means for cutting the crop stalks.



(54) Title of the invention : A PHOTON SOURCE

(51) International classification :A02F 1/365
 (31) Priority Document No :2004901069
 (32) Priority Date :02/03/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000296
 Filing Date :02/03/2005
 (87) International Publication No :WO2005/085946 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

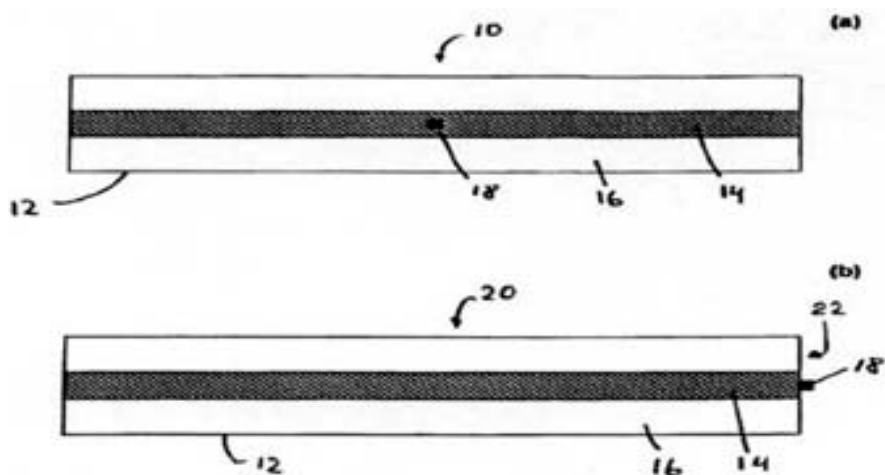
(71)Name of Applicant :
1)THE UNIVERSITY OF MELBOURNE
 Address of Applicant :GRATTAN STREET, PARKVILLE,VIC 3052
 Australia
 (72)Name of Inventor :
1)RABEAU JAMES
2)HUNTINGTON SHANE T
3)PRAWER STEVEN
4)GREENTREE ANDREW D

No of Pages : 28

No of Claims : 44

(57) Abstract :

The present invention provides a photon source comprising an optical waveguide and a material having at least one colour centre. The or each colour centre is arranged for photon emission and the material is grown so that the material is bonded to the optical waveguide and in use at least some of the photons emitted by the or each colour centre are guided in the optical waveguide. The present invention also provides a photon source having an optical waveguide incorporating the material which has the at least one colour centre.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2767/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : TREATMENT OF INTERSTITIAL CYSTITIS WITH VITAMIN D COMPOUNDS

(51) International classification	:A61K31/59; A61P13/10; C07C401/00;	(71)Name of Applicant : 1)BIOXELL SpA Address of Applicant :VIA OLGETTINA 58 I-20132,MILAN Italy
(31) Priority Document No	:0404571.2	(72)Name of Inventor :
(32) Priority Date	:01/03/2004	1)COLLI,ENRICO
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2005/050902	
Filing Date	:01/03/2005	
(87) International Publication No	:WO2005/082375 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 164

No of Claims : 15

(57) Abstract :

There is provided according to the invention a vitamin D compound for use in the prevention and/or treatment of interstitial cystitis. Also provided is a method for preventing and/or treating interstitial cystitis by administering an effective amount of a vitamin D compound.

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : EXCHANGE OF NEWLY ADDED INFORMATION OVER THE INTERNET

(51) International classification	:G06F17/30; G06F17/30
(31) Priority Document No	:60/557,017
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010088
Filing Date	:28/03/2005
(87) International Publication No	:WO 2005/098675 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

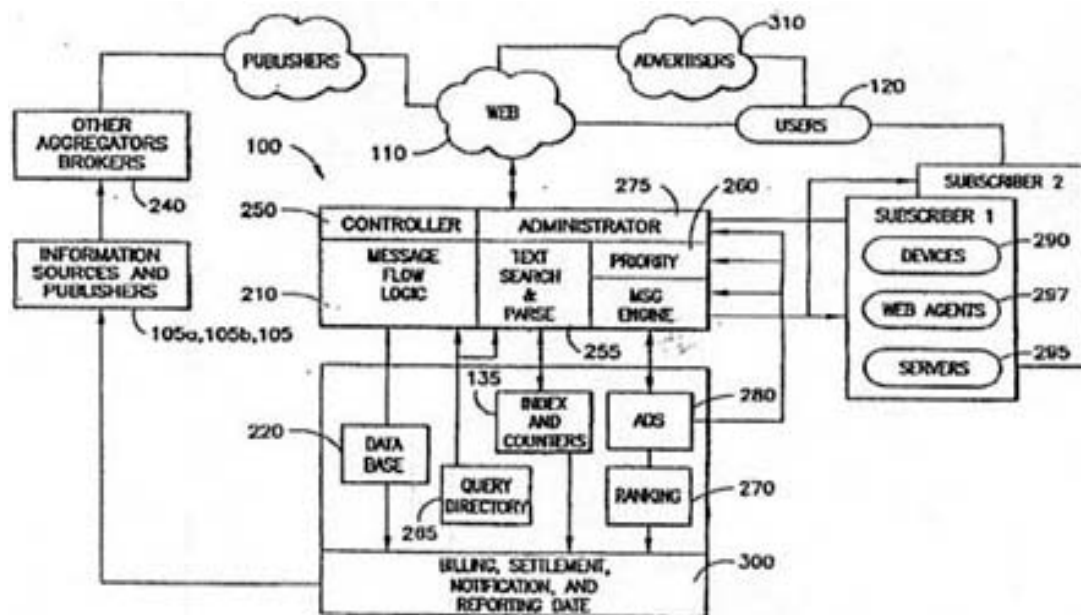
(71)**Name of Applicant :**
1)MASHINSKY,ALEX
 Address of Applicant :515,SUTTON PLACE, MEMPHIS,TN 38120,
 U.S.A.
 (72)**Name of Inventor :**
1)MASHINSKY,ALEX

No of Pages : 24

No of Claims : 23

(57) Abstract :

System and method for collecting and supplying ranked (270), indexed information as a premium service to users and advertisers. An information exchange is operated so as to aggregate, publish and subscribe Really Simple Syndication (RSS) and web services based information from different web based (110) and proprietary network sources. Recently published news or inventory information, new services or products are published into the system. Upon entry of the information, it is processed and distributed by the system to people, related parties or other systems that have expressed an interest in being notified of the type of published information as it becomes available.



(54) Title of the invention : EYEGLASSES

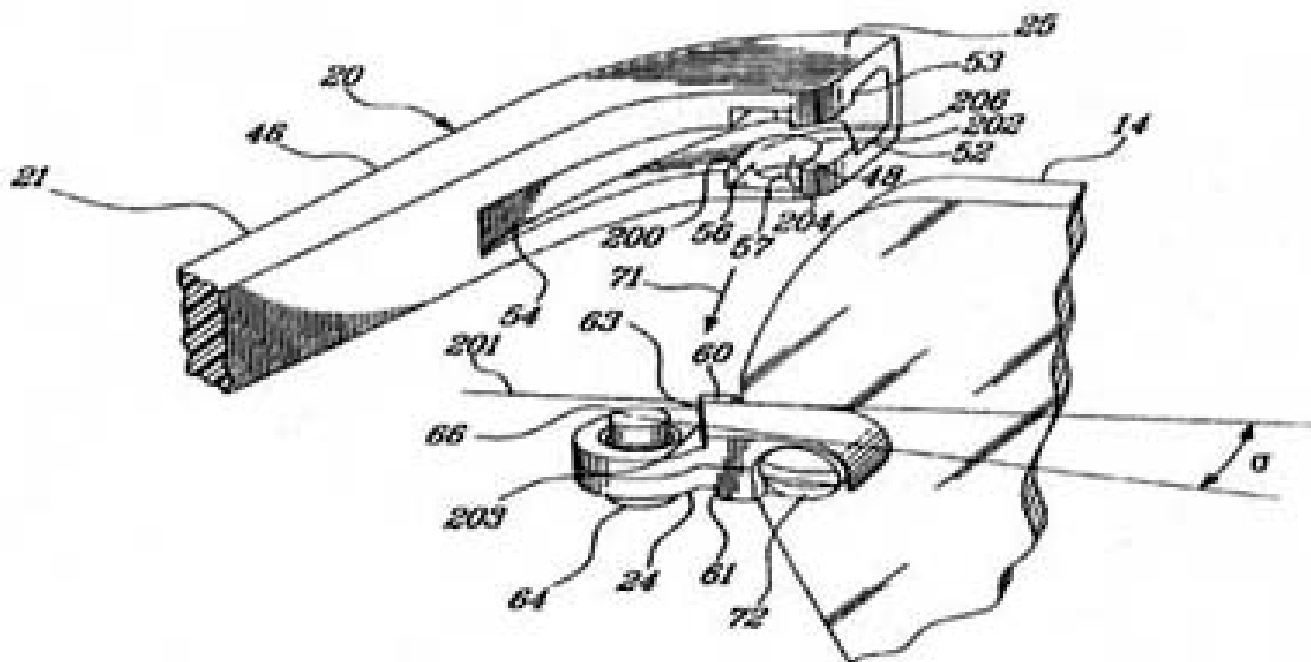
(51) International classification	:G02C1/02; G02C1/06	(71)Name of Applicant :
(31) Priority Document No	:60/554,365	1)ALLISON S.P.A.
(32) Priority Date	:19/03/2004	Address of Applicant :Joint Stock Company Via Prima Strada 35 Z.I.
(33) Name of priority country	:U.S.A.	35129 PADOVA ITALY Italy
(86) International Application No	:PCT/CA2005/000419	(72)Name of Inventor :
Filing Date	:18/03/2005	1)Michael TOULCH
(87) International Publication No	:WO 2005/091053 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 54

(57) Abstract :

Eyeglass (10)es including a lens (12,14), a connector (22,24) and a bow (18,20). The connector (22,24) is connected to the lens (12,14) and includes an attachment section 65 extending substantially outwardly from the lens (12,14). The bow (18, 20) includes a main segment (19,21) defining a longitudinal axis and an auxiliary segment (23,25) defining an auxiliary axis, the auxiliary axis extending generally inwardly towards the lens (12,14). The auxiliary segment (23,25) releasably interlocks and engages the attachment section 65 upon the relative motion of the bow (18,20) upon an insertion axis, the insertion axis being angled at 45° or less with respect to the longitudinal axis.



(54) Title of the invention : INTEGRATED MOTOR AND CLUTCH ASSEMBLY

(51) International classification :B60K6/04;
F16D27/115
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2004/000913
Filing Date :26/03/2004
(87) International Publication No :WO2005/092656
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

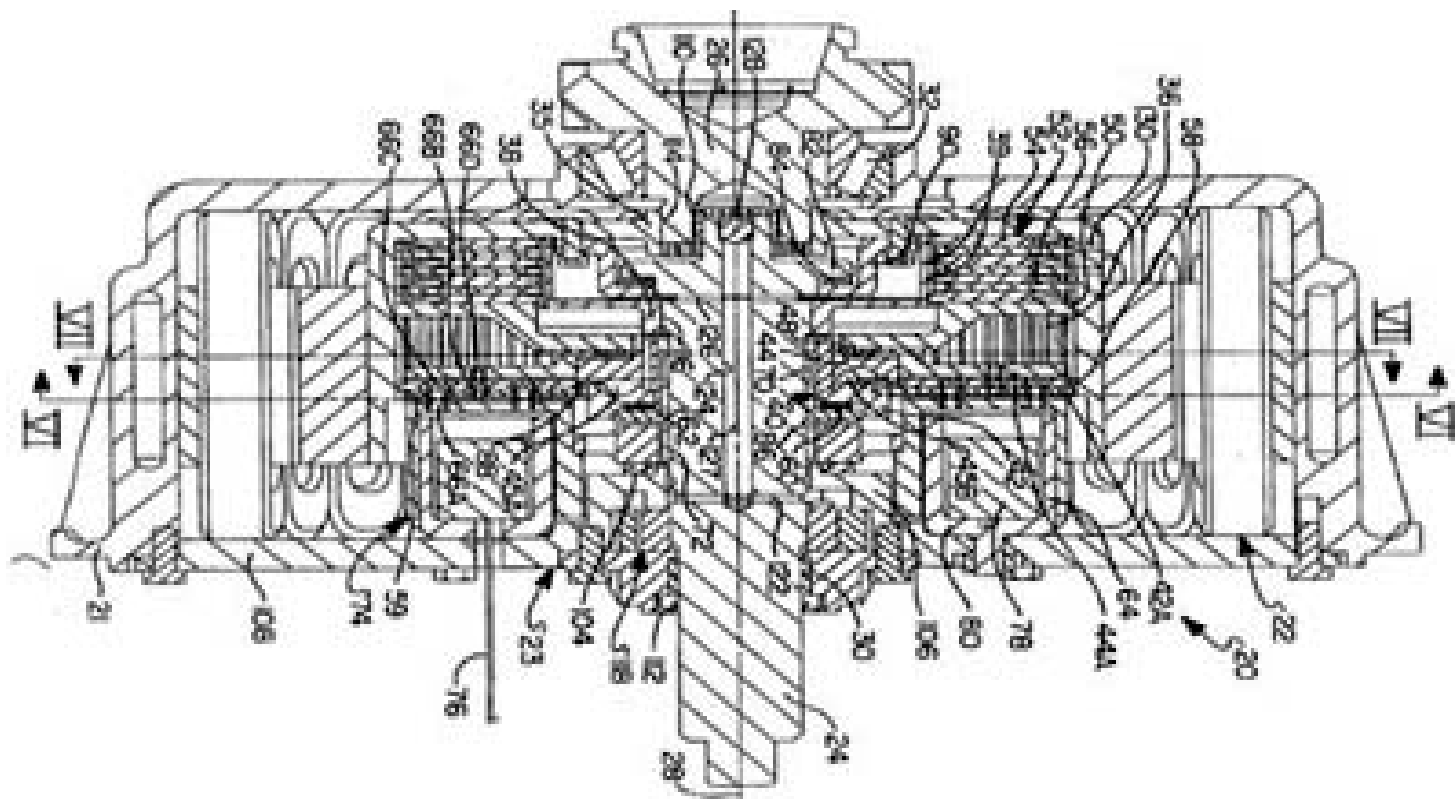
(71)Name of Applicant :
1)EATON CORPORATION
Address of Applicant :Eaton Center 1111 Superior Avenue
Cleveland, Ohio 44114 U.S.A.
(72)Name of Inventor :
1)HUGHES,Douglas,A
2)SPRING,James,K.

No of Pages : 19

No of Claims : 20

(57) Abstract :

An integrated motor and clutch assembly is provided, which includes a housing that rotatably supports an input shaft and an output shaft. A selectively engageable friction clutch is disposed between the input shaft and the output shaft for transferring torque therebetween. The friction clutch includes an outer hub connected for rotation with the output shaft. The integrated motor and clutch assembly also includes a motor having a rotor non-rotatably connected to the outer hub of the friction clutch and disposed coaxial with the input and output shafts. The motor also includes a stator secured to the housing and disposed concentric with the rotor.



(54) Title of the invention : HDM2-INHIBITOR COMPLEXES AND USES THEROF

(51) International classification	:C12Q1/70; C07K14/82; C12N9/64;	(71) Name of Applicant : 1)ORTHO MCNEIL PHARMACEUTICAL, Address of Applicant :U.S. ROUTE 202,RARITAN, NJ 08869 U.S.A.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)CARSTEN SCHUBERT
(33) Name of priority country	:NA	2)BRUCE GRASBERGER
(86) International Application No	:PCT/US2004/0123447	3)DIANE MAGUIRE
Filing Date	:22/04/2004	4)DIANE MAGUIRE
(87) International Publication No	:WO 2005/114173	5)INGRID DECKMAN
(61) Patent of Addition to Application Number	:NA	6)JOHN SPURLINO
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 156

No of Claims : 57

(57) Abstract :

The present invention includes crystallized HDM2 peptides as well as descriptions of the X-ray diffraction patterns of the crystals. The diffraction patterns allow the three dimensional structure of HDM2 to be determined at atomic resolution so that ligand binding sites on HDM2 can be identified and the interactions of ligands with HDM2 amino acid residues can be modeled. Models prepared using such maps permit the design of ligands which can function as active agents which include, but are not limited to, those that function as inhibitors of MDM2 and HDM2 oncoproteins.



(54) Title of the invention : ADDITIONAL DRIVE SYSTEM BY DIVERTING A FLUID FLOW

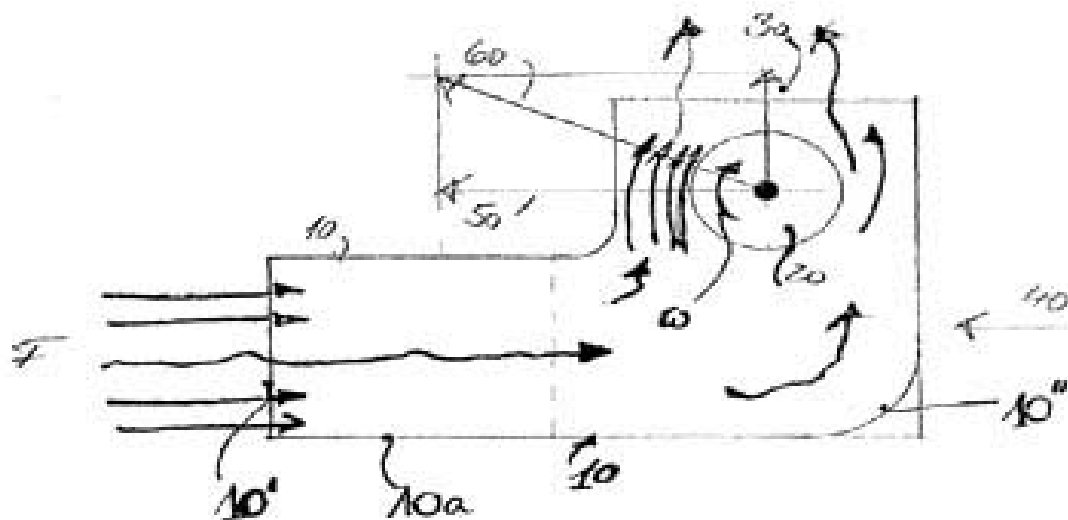
(51) International classification	:B63H9/02; F03D3/00	(71)Name of Applicant :
(31) Priority Document No	:04004172.5	1)WOLFGANG JOBMANN GMBH
(32) Priority Date	:24/02/2004	Address of Applicant :Grotiusweg 73 22587 Hamburg Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/050775	1)JOBMANN,Wolfgang
Filing Date	:23/02/2005	2)STAMME,Peter
(87) International Publication No	:WO2005/080195 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 22

(57) Abstract :

The invention relates to the use of a drive system working on the basis of the Magnus Effect which is used to provide a drive mechanism in addition to an existing drive device. The aim of the invention is to produce a drive directly in front of the front impacting fluid flow. The invention also relates to the use of a drive system for a relatively fast moving vehicle by means of a first drive system, said drive system comprising a rotating, horizontally arranged cylinder (20) provided with end disks (70) as an additional drive. A fluid flow (F), which is produced by the first drive system, enters into a channel (10) and is diverted (10") in the direction thereof in said channel whereupon it impinges upon the rotating cylinder (20). The complimentary drive is produced in a desired direction based on the Magnus Effect.



(54) Title of the invention : GLAUCOMA IMPLANT HAVING MEMS FILTER MODULE

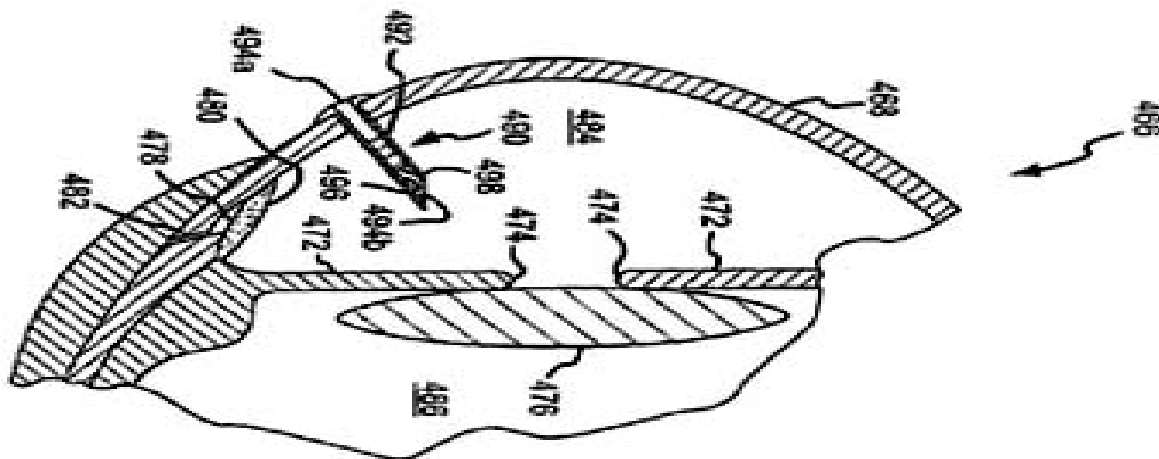
(51) International classification	:A61F2/04; A61F2/14; B01D29/50;	(71)Name of Applicant : 1)Becton,Dickinson and Company Address of Applicant :1 Becton Drive Franklin Lakes NJ 07417-1880 U.S.A.
(31) Priority Document No	:60/547,252	(72)Name of Inventor :
(32) Priority Date	:24/02/2004	1)RODGERS,M.Steven
(33) Name of priority country	:U.S.A.	2)SNIEGOWSKI,Jeffry,J
(86) International Application No	:PCT/US2005/005732	3)MCWHORTER,Paul,J
Filing Date	:24/02/2005	
(87) International Publication No	:WO2005/081967 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 115

No of Claims : 119

(57) Abstract :

Various MEMS filter elements or modules are disclosed, and which may be used in a glaucoma implant (490). One such MEMS filter module (34) includes a first film (70) and a second film (46) that are spaced and interconnected by a plurality of supports (78). A plurality of first flow ports (74) extend through the first film (70), and a plurality of second flow ports (50) extend through the second film (46). A plurality of annular filter walls (54) extend from the second film (46) toward the first film (70), and are separated therefrom by a filter trap gap (58).



(54) Title of the invention : IMPLANT HAVING MEMS FLOW MODULE WITH MOVABLE FLOW -CONTROLLING BAFFLE

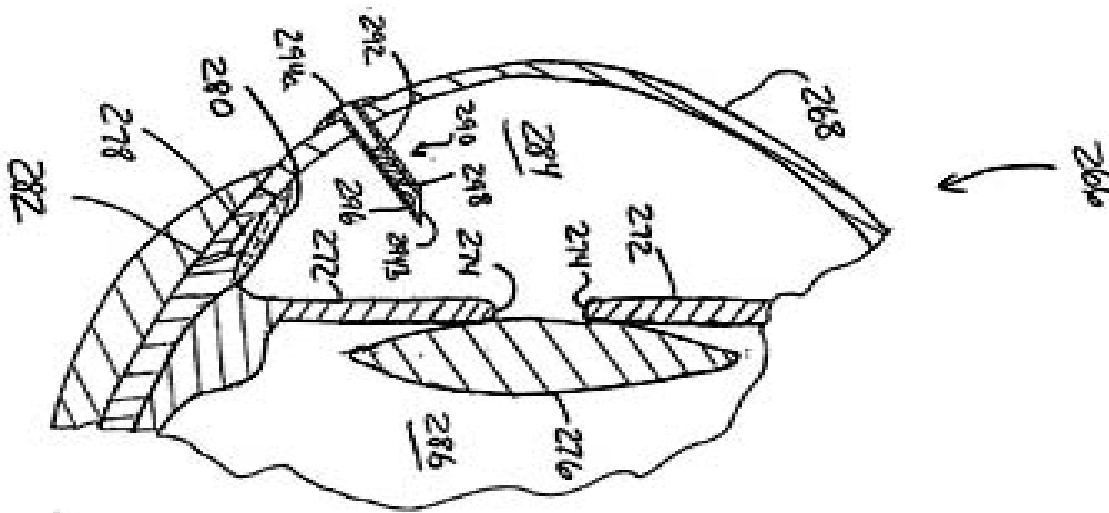
(51) International classification	:A61M 5/00;A61K 9/22	(71)Name of Applicant :
(31) Priority Document No	:10/791,396	1)Becton,Dickinson and Company
(32) Priority Date	:02/03/2004	Address of Applicant :1 Becton Drive Franklin Lakes NJ 07417-1880 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/005733	1)SNIEGOWSKI, Jeffrey,J
Filing Date	:24/02/2005	2)MCWHORTER,Paul,J
(87) International Publication No	:WO 2005/081968 A2	3)RODGERS,M.,Steven
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 94

No of Claims : 143

(57) Abstract :

Various embodiments of MEMS flow modules that may be disposed in a flow path (296) of a shunt (290) are disclosed, where the shunt (290) may be used to control a flow out of an anterior chamber (284) of an eye (266). One such MEMS flow module (58) has a tuning element (78) and a lower plate (70). A plurality of springs or spring-like structures (82) interconnect the tuning element (78) with the lower plate (70) in a manner that allows the tuning element (78) to move either toward or away from the lower plate (70), depending upon the pressure being exerted on the tuning element (78) by a flow through a lower flow port (74) on the lower plate (70). The tuning element (78) is disposed over this lower flow port (74) to induce a flow through the MEMS flow module (58) along a non-linear (geometrically) flow path.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2775/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : CHEMICAL PROCESS AND NEW CRYSTALLINE FORM

(51) International classification	:C07C 233/43
(31) Priority Document No	:0407521.4
(32) Priority Date	:02/04/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/001241
Filing Date	:30/03/2005
(87) International Publication No	:WO 2005/095328 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAXO GOUP LIMITED

Address of Applicant :GLAXO WELLCOME HOUSE BERKELEY
AVENUE GREENFORD, MIDDLESEX UB46 0NN U.S.A.

(72)Name of Inventor :

1)CAINE DARREN MICHAEL

2)PATERNOSTER IAN LEONARD

3)SHAPLAND PETER DAVID PENBERTHY

No of Pages : 40

No of Claims : 21

(57) Abstract :

The present invention relates to the preparation of a 12 adrenergic agonist in crystalline salt form. In particular the invention relates to preparation of a crystalline salt of compound (1); in particular a crystalline monohydrochloride salt. The invention also relates to a new crystalline form (polymorph) of the monohydrochloride salt of compound (1a) and a process for preparing it.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2776/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : IMMUNOGLOBULINS

(51) International classification	:C07K16/24; A61K39/395;A61K39/395	(71) Name of Applicant : 1)GLAXO GROUP LIMITED Address of Applicant :CALXO WELLCOME HOUSE BERKELEY AVENUE GREENFORK, MIDDLESEX UB6 0NN U.K.
(31) Priority Document No	:0407193.2	(72) Name of Inventor :
(32) Priority Date	:30/03/2004	1)ELLIS JONATHAN HENRY
(33) Name of priority country	:U.K.	2)EON-DUVAL ALEXANDRE
(86) International Application No	:PCT/GB2005/001147	3)GERMASCHEWSKI VOLKER
Filing Date	:29/03/2005	4)GERMASCHEWSKI VOLKER
(87) International Publication No	:WO 2005/095457	5)PLUMPTON CHRISTOPHER
(61) Patent of Addition to Application Number	:NA	6)RAPSON NICOLAS TIMOTHY
Filing Date	:NA	7)WEST MICHAEL
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 196

No of Claims : 73

(57) Abstract :

The present invention concerns immunoglobulins, such as antibodies, which specifically bind Oncostatin M (OSM), particularly human OSM (hOSM) and modulate the interaction between OSM and gp130. In typical embodiments, OSM is glyco-sylated. The invention also concerns antibodies that modulate the interaction between both Site II and Site III of OSM and their respective interacting partners. Further disclosed are pharmaceutical compositions, screening and medical treatment methods.

(54) Title of the invention : TECHNIQUES FOR MAINTAINING OPERATION OF A DATA STORAGE SYSTEM DURING A FAILURE

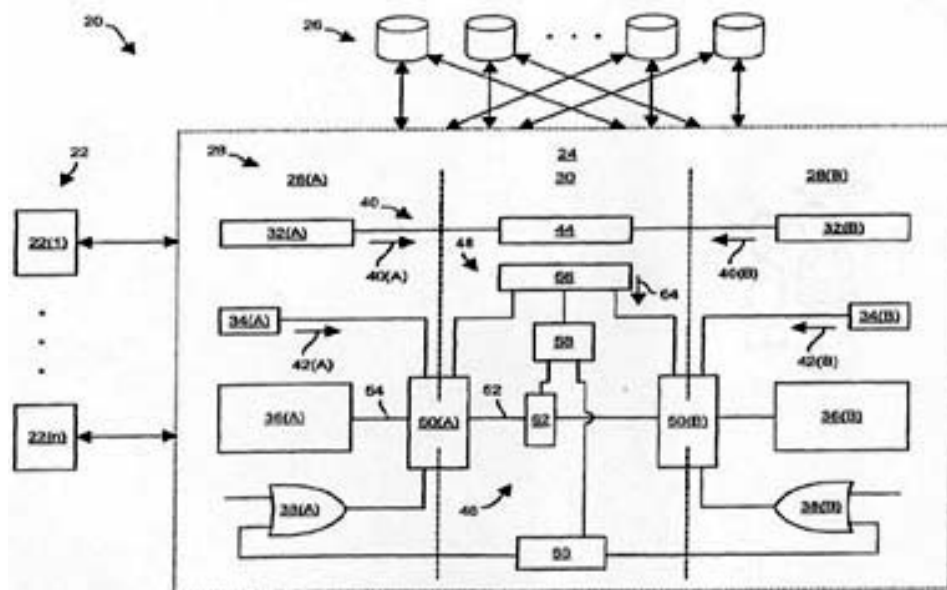
(51) International classification	:G06F11/00; G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:10/808,839	1)EMC CORPORATION
(32) Priority Date	:25/03/2004	Address of Applicant :176,SOUTH STREET, HOPKINTON,MA 01748 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/041240	1)STRICKLAND,STEPHEN
Filing Date	:10/12/2004	2)BURROUGS,JOHN,V.
(87) International Publication No	:WO 2005/101991 A2	3)DORR,TIMOTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

A data storage system has a first storage processor, a second storage processor, and a communications subsystem. The communications subsystem has (i) an interfacing portion interconnected between the first storage processor and the second storage processor, (ii) a clock circuit coupled to the interfacing portion, and (iii) a controller coupled to the interfacing portion and the clock circuit. The controller is configured to enable operation of the interfacing portion to provide communications between the first and second storage processors, sense a failure within the clock circuit, and reset the interfacing portion in response to the sensed failure to enable one of the first and second storage processors to continue operation. Such resetting of the interfacing portion prevents the remaining storage processor from locking up, thus freeing that storage processor so that it is capable of continuing to operate even after the failure.



(54) Title of the invention : A DEVICE AND PROCESS FOR DEPOSITING DROPS OF ADHESIVE MATERIAL ON A SURFACE IN A PREDETERMINED DISTRIBUTION PATTERN

(51) International classification :B05C1/00;
B05C1/02
(31) Priority Document No :MO2004A000047
(32) Priority Date :27/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2005/000379
Filing Date :24/01/2005
(87) International Publication No :WO 2005/084822
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

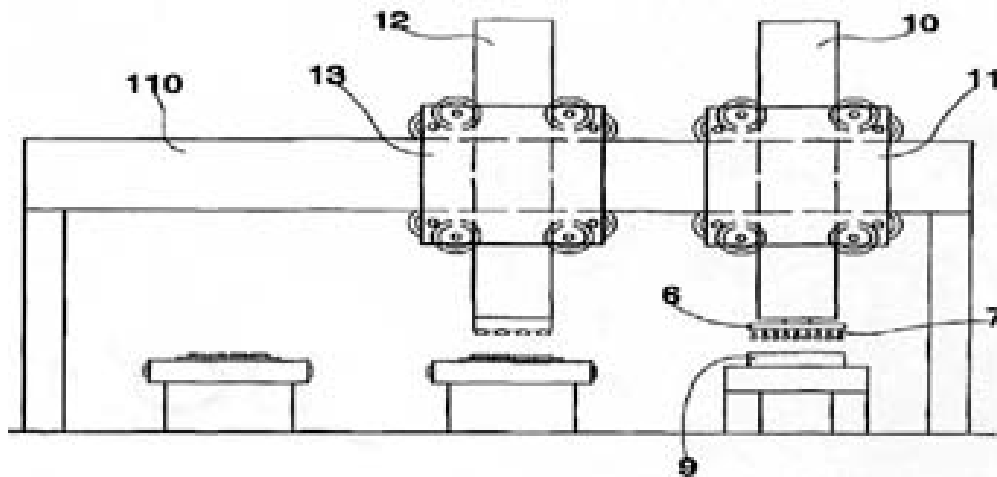
(71)Name of Applicant :
1)SYSTEM S. p. A.
Address of Applicant :VIA GHIAROLA VECCHIA 73, I-
41042,FIORANO MODENESE, MODENA Italy
(72)Name of Inventor :
1)TORO, ANDREA

No of Pages : 16

No of Claims : 10

(57) Abstract :

The device comprises at least a support element (6) to which a plurality of projecting appendages (7) are fixed in a predetermined distribution. The support element (6) is mobile between at least a first position, in which at least ends of the projecting appendages (7) are immersed at least partially in a recipient (9) containing the glue, so that small quantities of the glue remain adhering to the ends of the projecting appendages (7) and at least a second position, in which the ends of the projecting appendages (7) are brought up to at least a surface so that at least a part of the small quantities of glue come into contact with the surface and remain deposited thereon.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2779/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : POLYMERIZATION INITIATOR SYSTEMS CONTAINING ALUMINUM COMPOUNDS AS CURING INHIBITORS AND POLYMERIZABLE COMPOSITIONS MADE THEREWITH

(51) International classification	:C09J 4/06
(31) Priority Document No	:60/548,828
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/001991
Filing Date	:23/02/2005
(87) International Publication No	:WO 2005/085376
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL N. V.
Address of Applicant :VELPERWEG 76,NL-6824, BM
ARNHEM,THE NETHERLANDS Netherlands
(72)**Name of Inventor :**
1)ROSINI, GLEN

No of Pages : 12

No of Claims : 8

(57) Abstract :

The invention is directed to a composition comprising an organoborane/amine complex and an effective amount of an aluminum compound to inhibit curing of the organoborane/amine complex when used as part of a polymerization initiator system in a polymerizable composition containing one or more monomers, oligomers or polymers having olefinic unsaturation. The compositions of the invention can be used in polymerizable compositions, adhesive compositions and coatings compositions containing compounds having moieties which polymerize under free radical polymerization conditions.

(54) Title of the invention : AEROBIC WASTE TREATMENT SYTEM

(51) International classification	:C05F 17/02
(31) Priority Document No	:0406347.5
(32) Priority Date	:22/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/003055
Filing Date	:22/03/2005
(87) International Publication No	:WO 2005/092819
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COMP-ANY GMBH
 Address of Applicant :GRAF-SEINSHEIM-STR.16, 85461
 GRUNBACH,GERMANY Germany

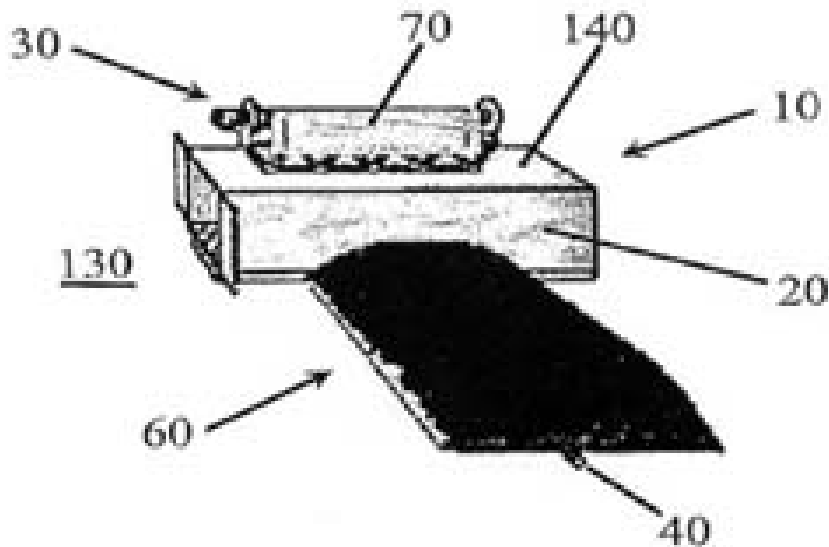
(72)**Name of Inventor :**
1)BINDING,MARKUS
2)GRESSMANN,JAN

No of Pages : 24

No of Claims : 12

(57) Abstract :

An aerobic waste treatment system, such as a composting system, comprising a movable push wall (20). The movable push wall (20) is preferably part of a container (10). In use of the aerobic waste treatment system, waste is heaped against the movable push wall (20) to build a waste heap (60). The waste is coverable with a removable flexible enclosure. The removable flexible enclosure is preferably a liquid-tight but gas-permeable cover (70). A deployment apparatus (30) for covering or uncovering the waste heap (60) with the removable flexible enclosure can facilitate the handling of the removable flexible enclosure.



(54) Title of the invention : STACKED SELF-PRIMING PUMP AND CENTRIFUGAL PUMP

(51) International classification	:F04D13/14; F04D29/60
(31) Priority Document No	:10/794,400
(32) Priority Date	:08/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007593
Filing Date	:08/03/2005
(87) International Publication No	:WO2005/088136 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GORMAN-RUPP CO

Address of Applicant :305 Bowman Street,Mansfield oh 44903 U.S.A.

(72)Name of Inventor :

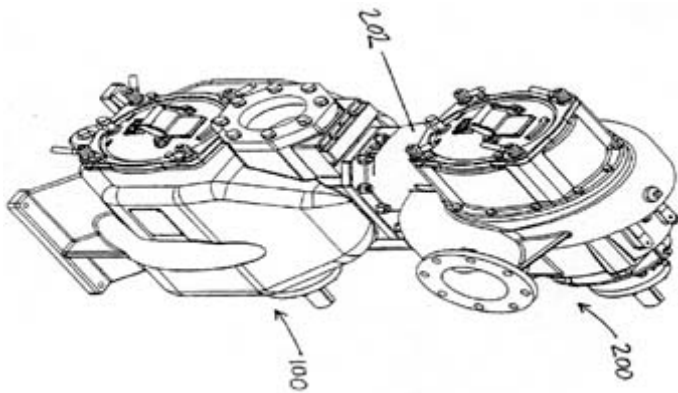
1)RACER,Donald ,W**2)KEITH,Michael,L**

No of Pages : 30

No of Claims : 29

(57) Abstract :

A stacked pump arrangement for mixed-media flow includes a first, self-priming, centrifugal pump with a volute having an inlet and an outlet and a second straight centrifugal pump mounted to an upper portion of the first centrifugal pump, the second straight centrifugal pump also having a volute with an inlet and an outlet. A transition chamber is connected, at one end, to the first centrifugal pump volute outlet and is connected, at another end, to the second straight centrifugal pump volute inlet.



(54) Title of the invention : COMPOSITION OF SOLIFENACIN OR SALT THEREOF FOR USE IN SOLID FORMULATION

(51) International classification	:C07D 453/02
(31) Priority Document No	:60/556,025
(32) Priority Date	:25/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2005/00537
Filing Date	:24/03/2005
(87) International Publication No	:WO2005/092889
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTELLAS PHARMA INC.Address of Applicant :3-11,Nihonbashi-Honcho 2-Chome Chuo-ku
Tokyo 103-8411 Japan

(72)Name of Inventor :

1)AKIO SUGIHARA**2)TAKEHIKO YASUJI****3)KATSUHIRO MASAKI****4)DALSUKE MURAYAMA**

No of Pages : 48

No of Claims : 12

(57) Abstract :

A solid pharmaceutical preparation of solifenacin or a salt thereof, the preparation being stable and inhibited from decomposing with time when supplied to clinical fields. In a pharmaceutical preparation containing solifenacin or a salt thereof, the compound in an amorphous form was revealed to be causative of cardinal-drug decomposition with time. The composition for a solid pharmaceutical preparation of solifenacin or a salt thereof contains solifenacin or its salt each in a crystalline form, and the content provided are: a process for producing the composition; and a medicinal composition for solid pharmaceutical preparations which contains solifenacin and an amorphization inhibitor.

(54) Title of the invention : BIPOLAR PLATE AND ITS USE AS WELL AS A METHOD FOR ITS MANUFACTURE AND AN ELECTROCHEMICAL SYSTEM

(51) International classification :H01M8/02;
H01M8/02
(31) Priority Document No :102004016318.9
(32) Priority Date :30/03/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003475
Filing Date :29/03/2005
(87) International Publication No :WO/2005/096421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

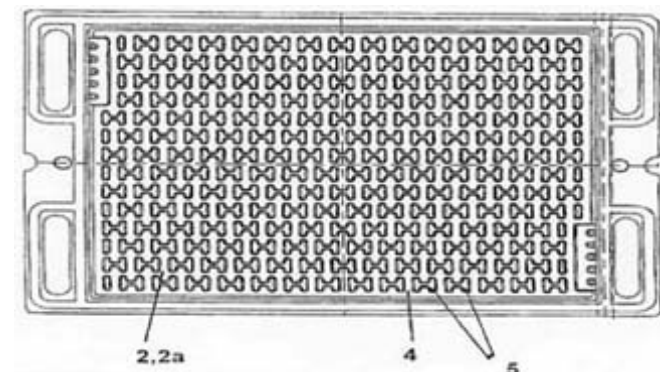
(71)Name of Applicant :
1)REINZ-DICHTUNGS-GMBH
Address of Applicant :REINZSTRASSQ 3-7,89233 NEUULM
GERMANY, Germany
(72)Name of Inventor :
1)RAIMUND STROBLE
2)GAUGLER,BERND
3)SOMMER, STEFAN
4)GAUGLER,BERND
5)KUNZ,CALAUDIA
6)SCHERER,JOACHIM
7)SCHLEIER,CHRISTIAN

No of Pages : 30

No of Claims : 17

(57) Abstract :

The present invention relates to a bipolar plate (1) for electrochemical systems which contains a first plate (2) with a first flow-field (2a) for media distribution as well as a second plate (3) with a second flowfield (3a) for media distribution. This first plate in the region of the first How field at least in regions comprises a plane surface section (4) from which discrete projections (5) distanced to one another project arranged in a distributed manner. Furthermore a method for manufacturing this bipolar plate is suggested as well as an electrochemical system which contains this bipolar plate. According to the invention it is possible in an inexpensive manner to manufacture a bipolar plate which permits the construction of fuel cells functioning with a low peripheral consumption (pumps, compressors) and which arc safer with regard to their operation.



(54) Title of the invention : ENERGY METER ARRAY AND METHOD FOR CALIBRATION

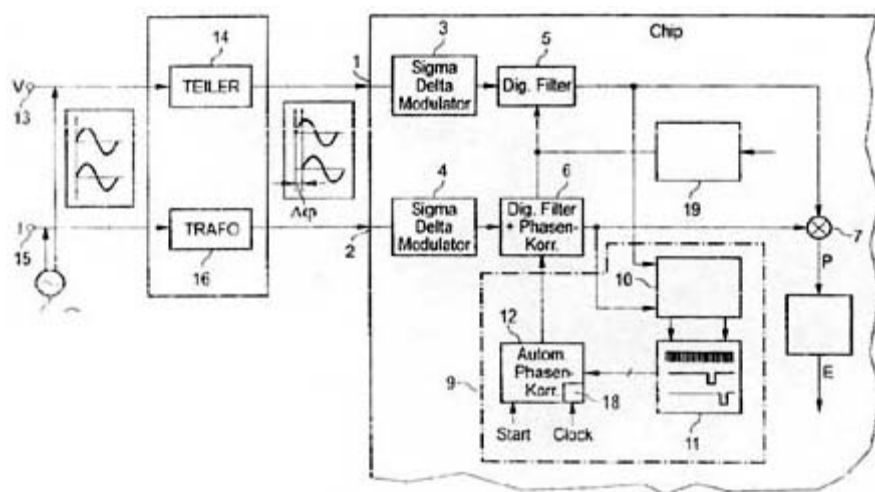
(51) International classification	:G01R21/06; G01R21/08	(71) Name of Applicant : 1)AUSTRIAMICRO SYSTEMS AG
(31) Priority Document No	:102004010707.6	Address of Applicant :SCHLOSS
(32) Priority Date	:04/03/2004	PREMSTATTEN,8141,UNTERPREMSTATTEN,AUSTRIA Austria
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/002264	1)FRITZ,GERHARD
Filing Date	:03/03/2006	
(87) International Publication No	:WO2005/085881 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 20

(57) Abstract :

An energy meter array with inputs (1, 2) is presented, to which signals are fed that are dependent on electrical voltage (V) and an electrical current (I). These are digitised in analogous-/digital-converters (3, 4) and linked to one another. For correcting phase fluctuations that are caused by agents for launching the signals (14, 16), a phase evaluation block (9) is coupled with outputs of the analogous-/digital-converters. The phase evaluation block (9) activates a phase correction block (6) at the output of the analogous-/digital-converters (4). The phase evaluation can take place in digital signal processing. In this way, a cost-effective compensation of phase errors with least complication is possible, so that while avoiding measuring errors, a galvanic separation is possible at the input. The described meter array is particularly suited for implementation in integrated circuit technology.



(54) Title of the invention : BENZIMIDAZOLE DERIVATIVE AND USE AS AII RECEPTOR ANTAGONIST

(51) International classification :C07D 413/14
 (31) Priority Document No :2204-048928
 (32) Priority Date :25/02/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/003422
 Filing Date :23/02/2005
 (87) International Publication No :WO 2005/080384
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)taked pharmaceutical company limited

Address of Applicant :1-1, DOSDHOMACHI 4-CHOME, CHUO-DU, OSAKA-SHI, OSAKA 541-0045 Japan

(72)Name of Inventor :

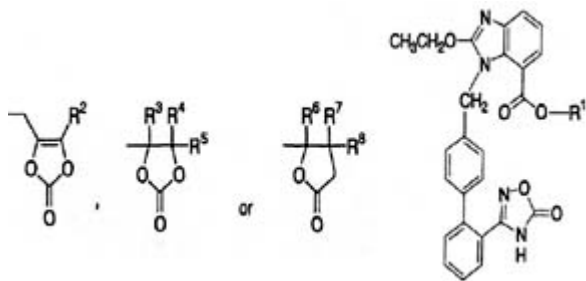
1)TAKANOBU KUROITA**2)HIROKI SAKAMOTO****3)MAMI OJIMA**

No of Pages : 51

No of Claims : 13

(57) Abstract :

The present invention relates to a compound represented by the formula (I) wherein R¹ is a group represented by the formula wherein R², R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are each independently a hydrogen atom or a C₆₋₁ alkyl, or a salt thereof, The compound of the present invention is useful as an agent for the prophylaxis or treatment of circulatory diseases such as hypertension and the like and metabolic diseases such as diabetes and the like.



(54) Title of the invention : SYSTEM AND METHODS FOR TRANSACTION PROCESSING

(51) International classification :G06F 17/60
 (31) Priority Document No :60/547,651
 (32) Priority Date :24/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/005525
 Filing Date :23/02/2005
 (87) International Publication No :WO 2005/081917 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)FIRST DATA CORPORATIONAddress of Applicant :12500 East Belford Avenue Englewood, CO
80112-5939 U.S.A.

(72)Name of Inventor :

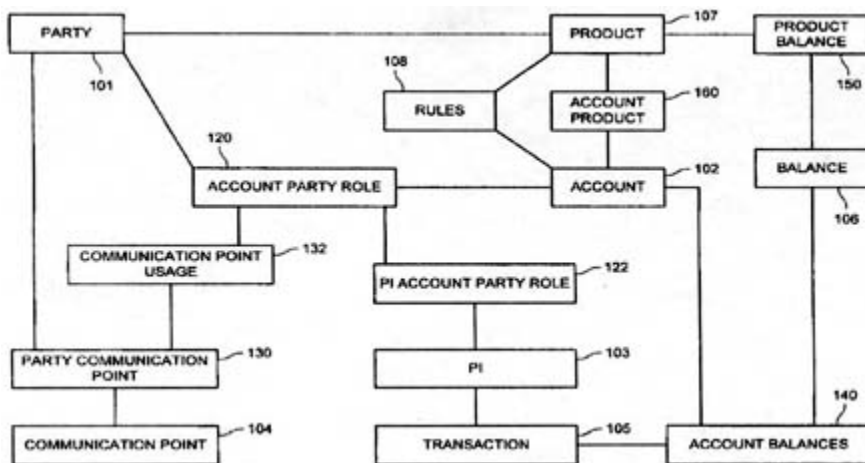
1)Michael B. Grear**2)Gretchen Donlin****3)Teresa M. Harrington****4)Richard T. Bell****5)Thomas M. Miller****6)Kimberly Higgins-Mormann****7)Margaret Henry****8)Patricia L.Melanson**

No of Pages : 89

No of Claims : 24

(57) Abstract :

According to one embodiment of the invention, an architecture is provided for a data processing system that processes data for a service provider itself or a client of a service provider as in the case of a third party processor. The elements of the architecture can be managed separately. For example, the architecture can be organized around eight subject areas, such an account, party, communication point, presentation instrument, rules, balances, transactions, and product. Relationships between each of the subject areas as well as between sub-types of each subject area can be established to provide flexibility in the management of the data.



(54) Title of the invention : POST CIRCUMCISION DIAPER.

(51) International classification	:A61F13/00; A61F13/15
(31) Priority Document No	:10/787,752
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/033486
Filing Date	:13/10/2004
(87) International Publication No	:WO2005/092266 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REDDY,Usha,P

Address of Applicant :H.D.Productions,5605 Kugler Mill Road,Cincinnati,OH 45236 U.S.A.

(72)Name of Inventor :

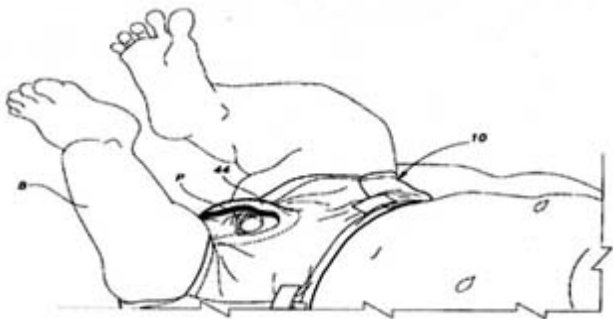
1)REDDY,Usha,P

No of Pages : 21

No of Claims : 14

(57) Abstract :

The post circumcision diaper (10) has an integrated protective cup situated between the outer fluid-impervious and inner absorbent layers of the diaper's front portion. The protective cup is constructed of plastic and forms an area (44) of the diaper that is convex outward and concave inward to protect the penis (P) of a recently circumcised baby boy (B) from both direct and incidental pressure. In an alternative embodiment, the post circumcision diaper is formed from a protective cup that is configured for aftermarket attachment to the inside of a commercially available disposable or cloth diaper. In this embodiment, the protective cup has adhesive on its outer surface and a layer of absorbent material on its inner surface.



(54) Title of the invention : MANUAL/AUTOMATIC PRESSURE CONTROL MECHANISM FOR CENTRIFUGAL CLUTCH.

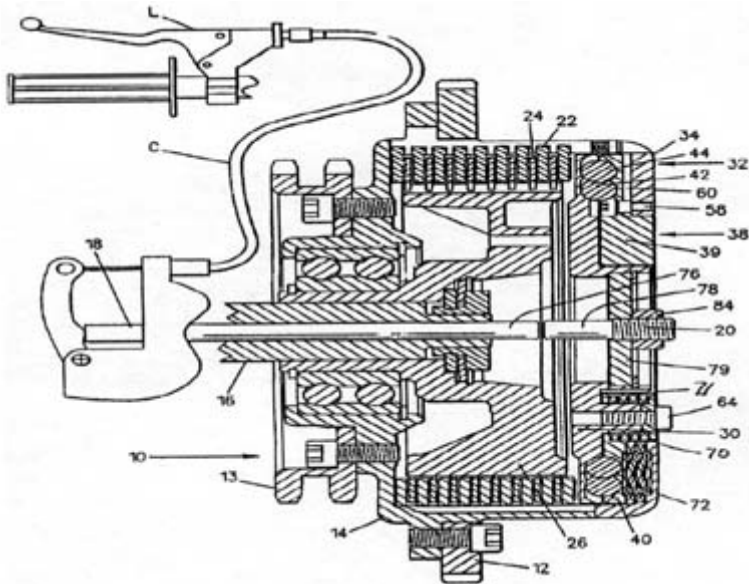
(51) International classification	:B62M9/00; F16D13/42	(71)Name of Applicant :
(31) Priority Document No	:10/791,949	1)DRUSSEL WILFLEY DESIGN LLC
(32) Priority Date	:02/03/2004	Address of Applicant :P.O.BOX 2330 Denever,CO 80201, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/007171	1)DRUSSEL,Douglas,W
Filing Date	:02/03/2005	
(87) International Publication No	:WO2005/083284 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 12

(57) Abstract :

A centrifugal clutch (10) for motorcycles having a cam-actuating mechanism (28) to force a series of clutch plates (22,24) into clutching engagement at a predetermined speed, a pressure limiting spring assembly (72, 72A) limits the axial force transmitted to the clutch plates at higher speeds so that the torque transmission characteristics of the clutch are similar to a manual clutch, and a manual override (76) is capable of maintaining the clutch plates in the disengaged position at lower speeds as well as shifting the clutch plates out of clutching engagement at higher speeds with relatively low exertion of manual or hand pressure.



(54) Title of the invention : DATABASE MANAGEMENT SYSTEM WITH PERSISTENT USER-ACCESSIBLE BITMAP VALUES

(51) International classification	:G06F 17/30	(71) Name of Applicant :
(31) Priority Document No	:10/810,756	1)ORACLE INTERNATIONAL CORPORATION
(32) Priority Date	:26/03/2004	Address of Applicant :500 ORACLE PARKWAY, REDWOOD
(33) Name of priority country	:U.S.A.	SHORES CA 94065, U.S.A.
(86) International Application No	:PCT/US05/009052	(72) Name of Inventor :
Filing Date	:17/03/2005	1)HU,YING
(87) International Publication No	:WO/2005/101250	2)CHORMA,TIMOTHY
(61) Patent of Addition to Application Number	:NA	3)SUNDARA,SEEMA
Filing Date	:NA	4)CHONG,EUGENE INSEOL
(62) Divisional to to Application Number	:NA	5)DAS,SOURIPRIYA
Filing Date	:NA	6)SRINIVASN, JAGGANNATHAN

No of Pages : 52

No of Claims : 47

(57) Abstract :

A database management system that has bitmap values in which set bits in a representation of a 5bitstnng specify a set of objects whose definitions are built into the database management system The database management system further includes user-accessible operations on the bitmap values The bitmap values are represented by means of a mapping specifier that specifies a range of the set of objects and a representation of a string of bits that has been mapped onto the set of object specified by the range specifier The representation of the string of bits may be compressed Bitmap operations on the values may alter the range specifier, the size of the string of bits, or individual bits in the string of bits The objects represented by the bitmap values may be objects in the database management system or objects external thereto An example of bitmap values of the first kind are bitmap values representing sets of rowids rowid bitmap values may be used to make a user-defined index of attribute values for any set of objects contained in fields in the database management system An example of bitmap values of the second kind are bitmap values representing sets of electronic product codes ePC bitmap values may be used in any application where a compact representation of a set of ePC codes is desired

(54) Title of the invention : AIR-CONDITIONER WITH AIR TO AIR HEAT EXCHANGER.

(51) International classification :F24F5/00; F28D5/00
 (31) Priority Document No :10/807,667
 (32) Priority Date :24/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/SG2005/000091
 Filing Date :22/03/2005
 (87) International Publication No :WO 2005/090869
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ACMA LIMITEDAddress of Applicant :17 JURONG PORT ROAD, SINGAPORE
619092 Singapore

(72)Name of Inventor :

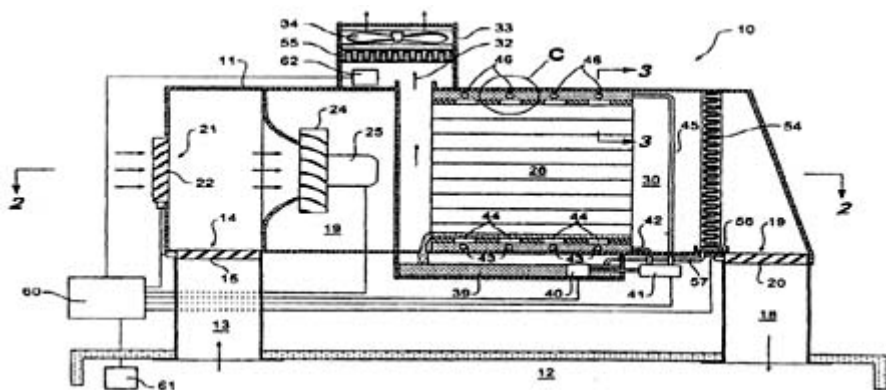
1)CHEE HANG JOON

No of Pages : 20

No of Claims : 21

(57) Abstract :

The invention is an air-conditioning unit (10) consisting of a housing (11) having at least one air inlet (21) for receiving air to be conditioned and at least one outlet (19) for discharging conditioned air, at least one fan (24) for moving air from the inlet (21) to the outlet (19), an air to air heat exchanger (26) of the type that cools the air by diverting and cooling a portion of the air through an evaporating cooling means, heat exchange occurring across a plurality of barriers (27) between the evaporatively cooled air and said incoming air, a vapour compression-type cooling system having an evaporator coil (54) through which the outlet stream of air passes for further cooling of the outlet air, a condenser coil (55) through which the evaporatively cooled air stream that exits the air to air heat exchanger (26) passes, and a control system (60) that at least determines the temperature of the room (12) air and controls the operation of the air-conditioner to operate only the air to air heat exchanger (26) when the temperature is maintained below a pre-determined level, and operates both said air to air heat exchanger (26) and the vapour compression-type cooling system when the temperature increases above a pre-determined level. The advantage of the invention is that it has a seasonal power efficiency of two to three times greater by comparison to an air-conditioning system operating only with a vapour compression-type system.



(54) Title of the invention : CLOSURE WITH INTEGRAL GAS BARRIER.

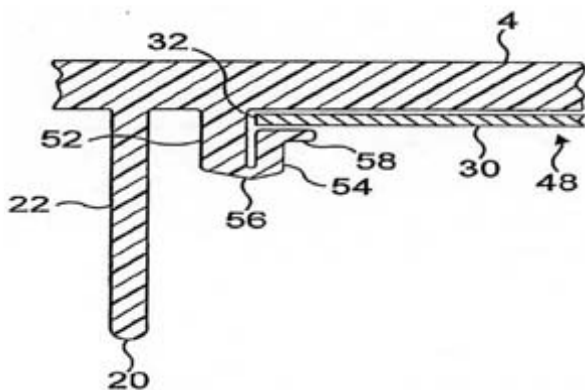
(51) International classification	:B65D41/04; B65D41/32	(71)Name of Applicant :
(31) Priority Document No	:0406630.4	1)BAPCO CLOSURES RESEARCH LTD
(32) Priority Date	:24/03/2004	Address of Applicant :SUNDIAL HOUSE,HIGH STREET,HORSELL
(33) Name of priority country	:U.K.	WORKING,SURREY GU21 4 SU U.K.
(86) International Application No	:PCT/GB2005/001109	(72)Name of Inventor :
Filing Date	:24/03/2005	1)MCGEOUGH PETER MICHAEL
(87) International Publication No	:WO2005/092728 A1	2)VON SPRECKELSEN HENNING
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 27

(57) Abstract :

A cap (2) suitable for use with a PET beverage hottle has an integral gas barrier provided by a plastics-coated aluminium foil disc (30) having its peripheral edge (32) embedded into the plastics internal or external surface (40) of a top panel (4) of the cap or of a valve (20). A plastics component (28) from which the cap (2) can be produced is described. The component (28) has a recess (48) defined by a sacrificial wall (50) formed inwardly of a resealing valve (20).



(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMAL PRICING AND ALLOCATION.

(51) International classification :G06Q 40/00
 (31) Priority Document No :60/550,963
 (32) Priority Date :05/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/007212
 Filing Date :04/03/2005
 (87) International Publication No :WO2005/086728 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AVERY,N.CALEB

Address of Applicant :P.O.BOX 8659 INCLINE VILLAGE,NV 89452 U.S.A.

(72)Name of Inventor :

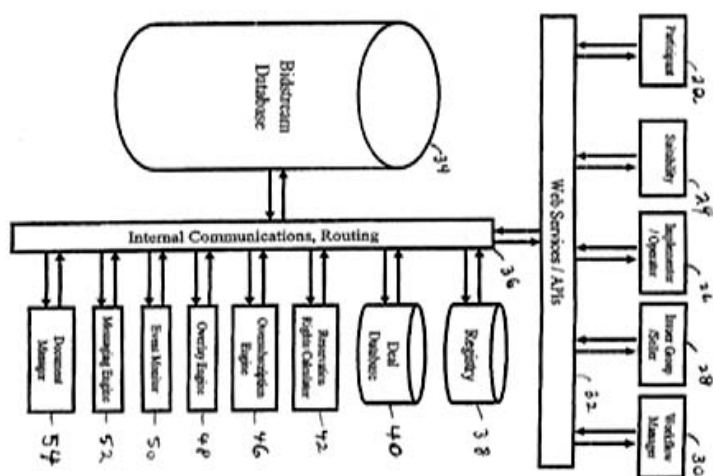
1)AVERY,N.CALEB

No of Pages : 102

No of Claims : 62

(57) Abstract :

A method and system for the determination of optimal pricing and allocation of securities in an open, competitive environment. The method and system may also be used in developing premarkets of other items that are difficult to price and allocate in a competitive manner, such as the underwriting/securitization of contracts for property; future revenue/earning streams from an asset and/or group of assets; underwritten insurance portfolios, intellectual property and other goods and services. The system of price optimization and allocation is accomplished by interactive feedback of information using a display and including competitive participation of individual members of the public (and/or their agents) or institutional buyers over a data network e.g., the Internet, uncovering the nature and identification of demand in a self-organizing fashion. Demand emerges through participants' interaction with the system and with each other, via a graphically-supported, interactive reservation process.



(54) Title of the invention : MATERIALS AND METHODS FOR TREATING COAGULATION DISORDERS.

(51) International classification :A61K 31/366
 (31) Priority Document No :60/561,121
 (32) Priority Date :08/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012091
 Filing Date :08/04/2005
 (87) International Publication No :WO2005/100336 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

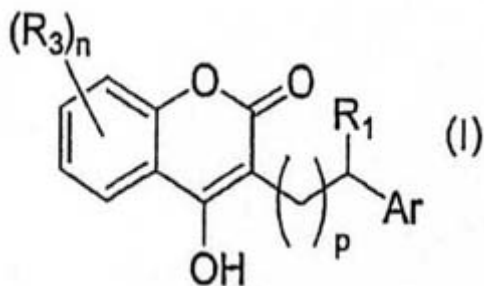
(71)Name of Applicant :
1)ARYX T HERAPEUTICS
 Address of Applicant :6300,DUMBARTON CIRCLE
 FREMONT,CALIFORNIA 94555 U.S.A.
 (72)Name of Inventor :
1)DRUZGALA,PASCAL
2)BECKER,CYRUS

No of Pages : 121

No of Claims : 13

(57) Abstract :

The subject invention provides anticoagulant compounds of formula (I) and pharmaceutically acceptable salts thereof wherein R₁, R₃, n and Ar are as defined herein The compounds of the subject invention can be used to treat at-risk populations thereby bringing relief of symptoms, improving the quality of Me, preventing acute and long-term complications, reducing mortality and treating accompanying disorders. The invention further comprises pharmaceutical compositions comprising the compounds and salts of the invention, as well as methods of using the compounds, salts, and compositions of the invention.



(54) Title of the invention : CONTROLLED RELEASE DOSAGE FOR GABA RECEPTOR AGONIST.

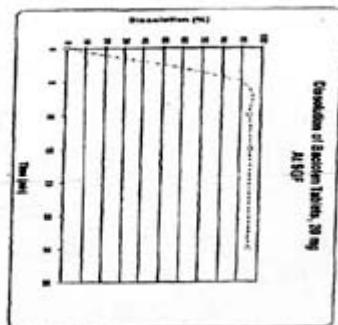
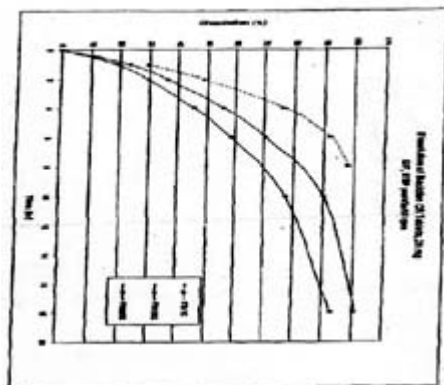
(51) International classification	:A61K9/22; A61K9/22	(71)Name of Applicant :	1)IMPAX LABORATORIES,INC.
(31) Priority Document No	:10/815,930		Address of Applicant :30831,HUNTWOOD AVENUE,
(32) Priority Date	:02/04/2004		HAYWARD,CALIFORNIA 94544, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:PCT/US2005/011032	1)HAN, CHIEN-HSUAN	
Filing Date	:01/04/2005	2)HSU,ANN	
(87) International Publication No	:WO 2005/097079 A3	3)HSU,LARRY	
(61) Patent of Addition to Application Number	:NA	4)HSIAO,CHARLES	
Filing Date	:NA	5)TENG,CHING-LING DIANA	
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 52

No of Claims : 36

(57) Abstract :

The present invention relates generally to pharmaceutical dosage forms having immediate release and controlled release properties that contain a γ -aminobutyric acid (GABA_B) receptor agonist, e.g., baclofen, for the treatment of medical conditions, which includes spasms, cramping, and tightness of muscles, associated with ailments such as multiple sclerosis or certain spinal injuries.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : RAB9A, RAB11A, AND MODULATORS THEREOF RELATED TO INFECTIOUS DISEASE

(51) International classification	:C07K14/82; A61K48/00; C12N5/10;	(71)Name of Applicant : 1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH
(31) Priority Document No	:60/547,328	Address of Applicant :TECHNOLOGY TRANSFER OFFICE, 4770
(32) Priority Date	:24/02/2004	BUFORD HWY (K79), ATLANTA, GA 30341 U.S.A.
(33) Name of priority country	:U.S.A.	2)VANDERBILT UNIVERSITY
(86) International Application No	:PCT/US2005/006396	(72)Name of Inventor :
Filing Date	:24/02/2005	1)HODGE THOMA W
(87) International Publication No	:WO 2005/092924	2)MCDONALD NATALIE J
(61) Patent of Addition to Application Number	:NA	3)RUBIN DONALD
Filing Date	:NA	4)SHAW MICHAEL W
(62) Divisional to to Application Number	:NA	5)SANCHEZ ANTHONY
Filing Date	:NA	6)MURRAY JAMES L.

No of Pages : 101

No of Claims : 24

(57) Abstract :

Disclosed herein are methods of reducing infection of a cell by a pathogen, for example to treat or prevent a pathogen infection. Exemplary pathogens include those that use a lipid raft. The disclosure also relates to methods of identifying agents involved in pathogen infection, such as modulators of Rab9A and Rab11A.

(54) Title of the invention : METHOD AND DEVICE FOR RECORDING PROCESS PARAMETERS OF REACTION FLUIDS IN SEVERAL AGITATED MICROREACTORS

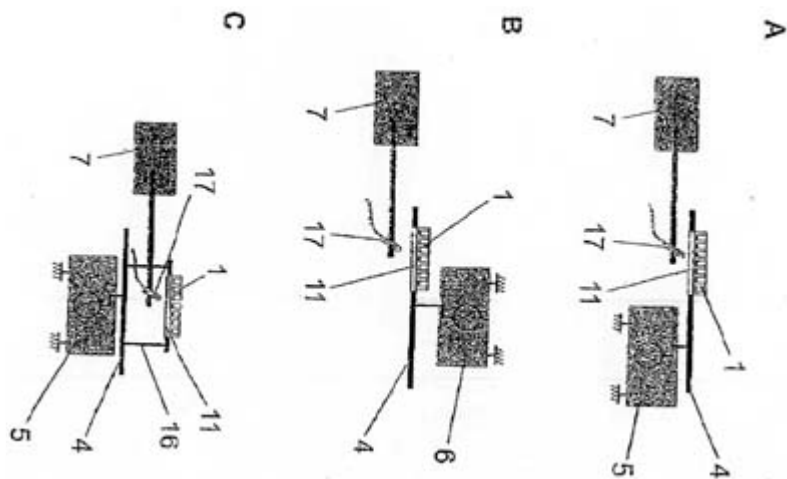
(51) International classification	:G01N21/25; G01N35/00	(71)Name of Applicant :
(31) Priority Document No	:102004017039.8	1)RWTH AACHEN
(32) Priority Date	:02/04/2004	Address of Applicant :TEMPLEGRABEN 55, 52062 AACHEN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/002928	(72)Name of Inventor :
Filing Date	:18/03/2005	1)BUCHS JOCHEN
(87) International Publication No	:WO2005/098397 A1	2)KENSY,FRANK
(61) Patent of Addition to Application Number	:NA	3)SAMORSKI,MARKUS
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 12

(57) Abstract :

The invention relates to a method and a device for the recording of process parameters of reaction fluids in several microreactors which are continuously agitated, at least until the termination of the reaction in all the microreactors. The process parameters in the microreactors are recorded during the reaction by means of at least one sensor optical system. According to the invention, the reliability of the method may be increased, whereby, during the recording of the value of a process parameter, for example, on recording an instantaneous value of the auto-fluorescence of the reaction fluids, the sensor optical system is held stationary. The relative movement of the agitated microreactor and each sensor optical system thus produced is not problematical when the electromagnetic radiation from each sensor optical system is introduced exclusively into one of the microreactors concerned during the recording of the process parameter in said microreactor and the radiation emitted from the reaction fluid is only incident on the sensor of the corresponding sensor optical system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2797/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : ANTIVIRAL COMPOSITION COMPRISING P-MENTHANE--3, 8-DIOL.

(51) International classification	:A61K 31/047
(31) Priority Document No	:0405636.2
(32) Priority Date	:12/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000803
Filing Date	:02/03/2005
(87) International Publication No	:WO2005/087209 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CLARKE,Paul,Douglas
Address of Applicant :201 Dilwich Grove,London SE22 8sy U.K.
(72)**Name of Inventor :**
1)CLARKE,Paul,Douglas

No of Pages : 35

No of Claims : 17

(57) Abstract :

The use of p-menthane-3,8-diol (PMD) as an antiviral agent.

(54) Title of the invention : PRINT INK SYSTEM AND PRINT METHOD USED FOR PRINT 'IT' SHOPPING-LINKED PRINTED MATTER AND PRINT 'IT' SHOPPING-LINKED PRINTED MATTER.

(51) International classification :B41J5/30;
C09D11/02
(31) Priority Document No :2004-098583
(32) Priority Date :30/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/005884
Filing Date :29/03/2005
(87) International Publication No :WO 2005/096211
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DAINICHISEIKA COLOR & CHEMICALS MFG. CO. LTD.

Address of Applicant :7-6,Nihonbashi Bakuro-cho 1-chome, Chuo-ku,
Tokyo 103-8383 Japan

(72)Name of Inventor :

1)KOSHO Hiroshi

2)SANO Kazuo

3)HARADA Osamu

4)EGI Shinichiro

5)MATSUMOTO Kazuyori

6)OSONOI Satoshi

7)NAKAMURA Michiei

8)MIZUNO Izumi

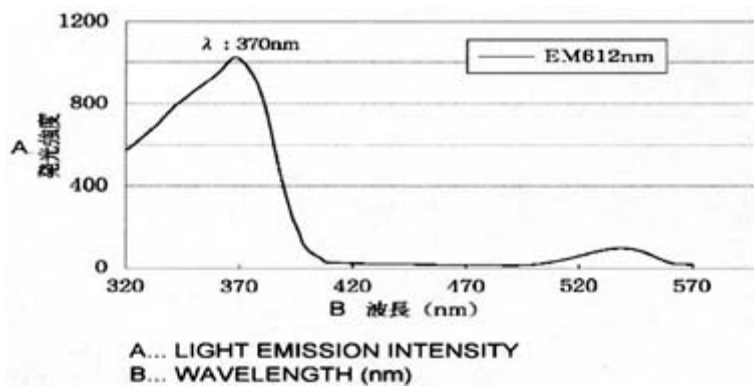
9)ISOZAKI Susumu

No of Pages : 59

No of Claims : 13

(57) Abstract :

A printed matter for IT-dependent, printed-matter-linked shopping is useful in a sales method of a merchandise. According to this sales method, a purchaser chooses the merchandise shown in the printed matter, and shoots it by information terminal equipment. A merchandise information image of the thus-shot section is converted into electrical signals, which are then transmitted via a predetermined network to order the merchandise. A reply is sent to the order for the merchandise, so that the order is accepted and the merchandise is delivered. Further, an accounting of a merchandise bill is performed. The printed matter, therefore, allows consumers to readily and very conveniently order merchandises when the consumers want to purchase them. A printing ink system for printing the printed matter is composed, in combination, of (a) a printing ink for printing a visible picture (A) of the merchandise and (b) a printing ink for printing a merchandise information code (B).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : NOVEL USE OF PEPTIDE COMPOUNDS FOR TREATING PAIN IN PAINFUL DIABETIC NEUROPATHY.

(51) International classification	:A61K 31/165
(31) Priority Document No	:04007360.3
(32) Priority Date	:26/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/003176
Filing Date	:24/03/2005
(87) International Publication No	:WO2005/092313 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHWARZ PHARMA AG
Address of Applicant :ALfred-Nobel-Str.10, 40789 Monheim Germany
(72)**Name of Inventor :**
1)RAUSCHKOLB-LOFFLER,Christine

No of Pages : 49

No of Claims : 38

(57) Abstract :

The present invention concerns the use of certain peptide derivatives for treating pain in painful diabetic neuropathy, preferably in diabetic distal sensory polyneuropathy.

(54) Title of the invention : METHODS AND APPARATUSES FOR MOUNTING A FILTRATION HOUSING FOR SOLID FILTRATION MEDIA.

(51) International classification	:B01D46/00; B01D46/42
(31) Priority Document No	:10/311,120
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/008321
Filing Date	:14/03/2005
(87) International Publication No	:WO2005/099866 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PURAFIL,INC

Address of Applicant :2654 Weaver Way, Doraville,GA 30340 U.S.A.

(72)Name of Inventor :

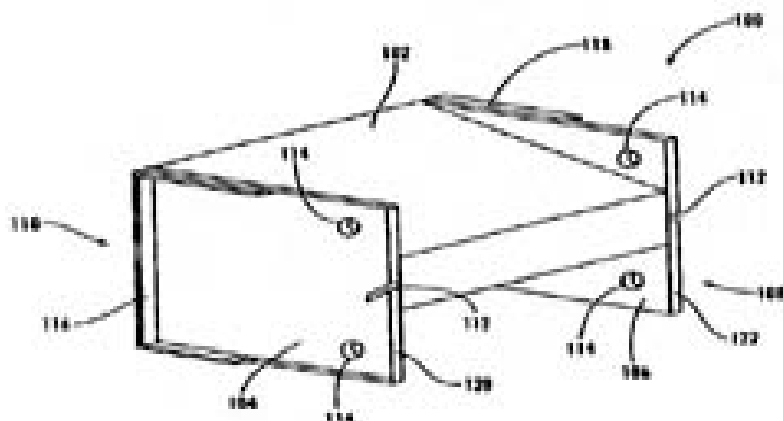
1)NICHOLAS,DAVID,W**2)NICHOLAS,JAMES,ARRON**

No of Pages : 22

No of Claims : 27

(57) Abstract :

Methods and apparatuses for mounting a filtration housing for solid filtration media. One aspect of the invention comprises a method for mounting an air circulation component to an air circulation system, wherein the air circulation component comprises a center of gravity. The method includes providing a notch associated with an air circulation component, wherein the notch comprises a contact surface; providing a guide associated with the air circulation system, wherein the guide comprises a load bearing surface; and positioning the air circulation component with respect to the air circulation system such that a portion of the contact surface is adjacent to a portion of the load bearing surface, wherein the adjacent surfaces comprise a contact angle that is substantially coplanar with a center of gravity of the air circulation component, and wherein a portion of the weight of the air circulation component transferred between the surfaces causes a sealing pressure against a portion of the air circulation system.



(54) Title of the invention : SECURITY ELEMENT AND METHOD FOR MANUFACTURING THE SAME.

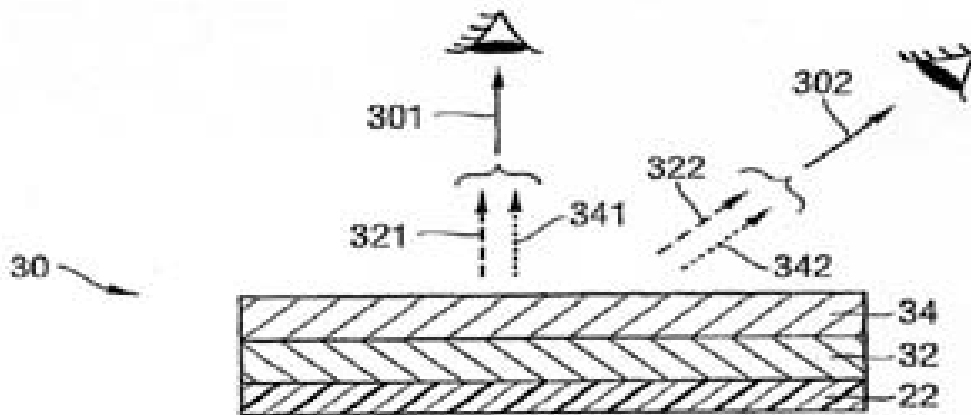
(51) International classification	:B32B27/36; B42D15/00	(71)Name of Applicant :
(31) Priority Document No	:102004021246.5	1)GIESECKE&DEVRIENT GMBH
(32) Priority Date	:30/04/2004	Address of Applicant :PRINZREGENTENSTRASSE
(33) Name of priority country	:Germany	159,81677,MUNCHEN Germany
(86) International Application No	:PCT/EP2005/004683	(72)Name of Inventor :
Filing Date	:29/04/2005	1)HOFFMILLER,WINFRIED
(87) International Publication No	:WO2005/105474 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 70

(57) Abstract :

The present invention relates to a security element (30) for securing valuable 5articles, having a first optically active layer (32) that is present at least in some areas and comprises a cholesteric liquid crystal material. According to the present invention, a second optically active layer (34) that is present at least in some areas is provided, the first and the second layer (32, 34) being stacked in an overlap area. Here, the first optically active layer (32) selectively reflects light in a first wavelength range having a first circular polarization direction, and the second optically active layer (34), either itself or, in the overlap area, in coaction with the first optically active layer (32), selectively reflects light in a second wavelength range having a second direction of circular polarization.



(54) Title of the invention : SECURITY ELEMENT AND METHOD FOR MANUFACTURING THE SAME.

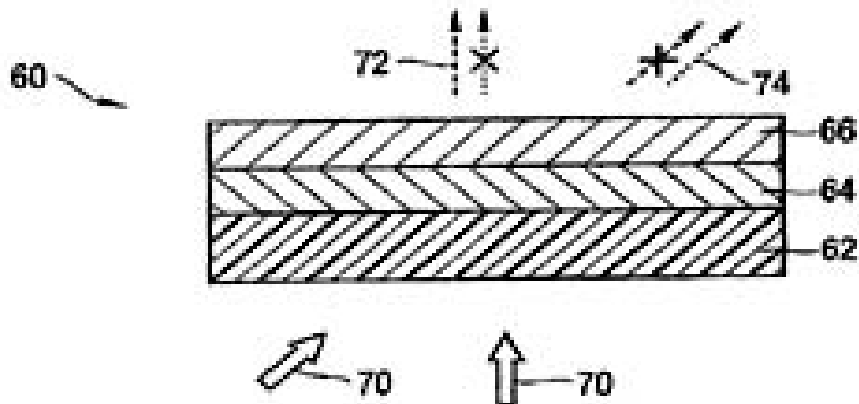
(51) International classification	:B42D15/00; G02B5/30	(71)Name of Applicant :
(31) Priority Document No	:102004021247.3	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:30/04/2004	Address of Applicant :PRINZREGENTENSTRASSE 159,
(33) Name of priority country	:Germany	81677,MUNCHEN Germany
(86) International Application No	:PCT/EP2005/004673	(72)Name of Inventor :
Filing Date	:29/04/2005	1)HOFFMULLER,WINFRIED
(87) International Publication No	:WO2005/105473 A1	2)BURCHARD,THEODOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 43

(57) Abstract :

The present invention relates to a security element for securing value documents, having a first light-polarizing layer (64) that is present at least in some areas and comprises a cholesteric liquid crystal material, that selectively reflects light having a predetermined circular polarization, and that selectively reflects light of a first wavelength range in a first reflection direction and light of a second wavelength range having a second, different reflection direction, having a second light-polarizing layer (66) that is present at least in some areas and selectively reflects light having the opposite circular polarization to the predetermined circular polarization and that selectively reflects light of the first and second wavelength range in the first and second reflection direction, respectively, and having a semi-transparent filter layer (62) on which the first and second light-polarizing layer (64,66) are stacked. The filter layer (62) at least partially absorbs light from the visible spectral range and transmits light from the first and/or second wavelength range.



(54) Title of the invention : FOIL MATERIAL AND METHOD FOR MANUFACTURING THE SAME.

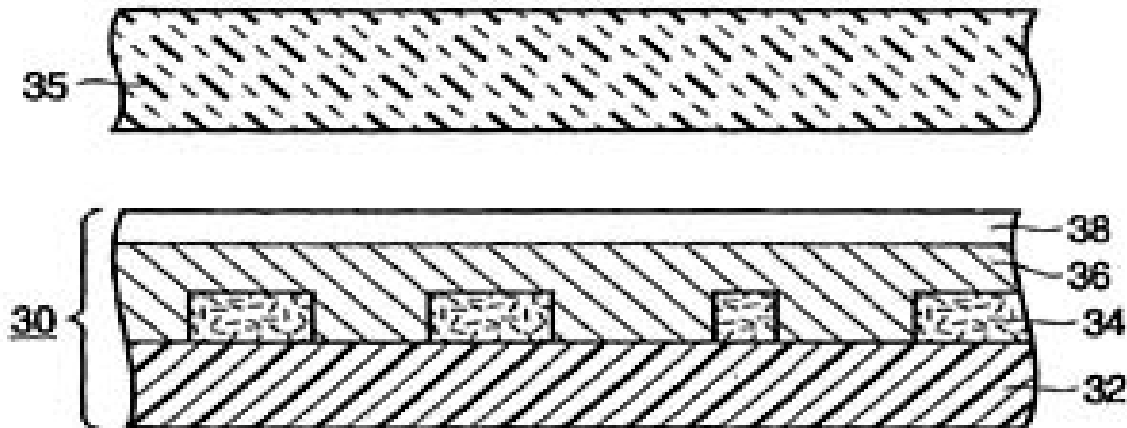
(51) International classification	:B32B27/36; B41M3/14	(71)Name of Applicant :
(31) Priority Document No	:102004021246.5	1)GIESECKE & DEVRIENT GMBH
(32) Priority Date	:30/04/2004	Address of Applicant :PRINZREGENTENSTRASSE 159, 81677
(33) Name of priority country	:Germany	MUNCHEN Germany
(86) International Application No	:PCT/EP2005/004684	(72)Name of Inventor :
Filing Date	:29/04/2005	1)HOFFMULLER,WINFRIED
(87) International Publication No	:WO2005/105475 A1	2)BURCHARD,THEODOR
(61) Patent of Addition to Application Number	:NA	3)PILLO,THORSTEN
Filing Date	:NA	4)HEIM,MANFRED
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 45

No of Claims : 54

(57) Abstract :

The present invention relates to a foil material for transfer to a target substrate, and methods for manufacturing such a foil material. In a method according to the present invention, a plastic substrate foil (32) is provided that is suitable for aligning liquid crystal material. To the substrate foil (32) is discontinuously applied a layer (34) comprising a liquid crystal material that is aligned.



(54) Title of the invention : REDUCED COMPUTATIONAL COMPLEXITY OF BIT ALLOCATION FOR PERCEPTUAL CODING.

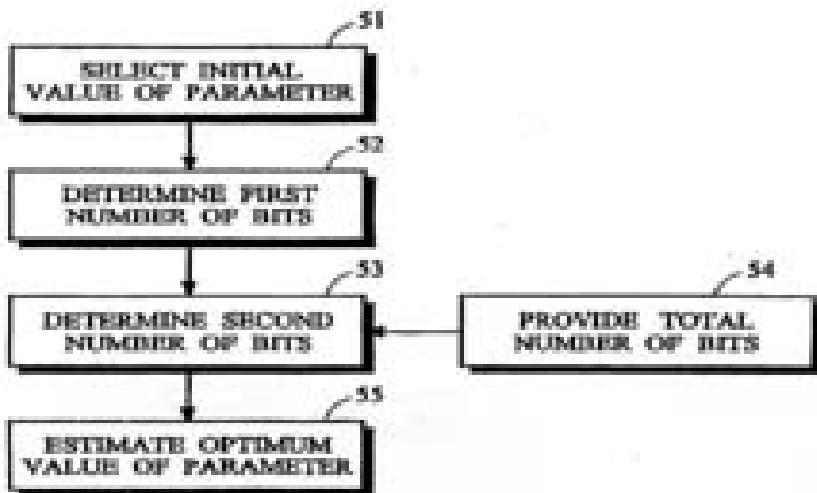
(51) International classification	:G10L19/02; G10L19/00	(71)Name of Applicant :
(31) Priority Document No	:10/829,453	1)DOLBY LABORATORIES LICENSING CORPORATION
(32) Priority Date	:20/04/2004	Address of Applicant :100 POTRERO AVENUE, SAN FRANCISCO
(33) Name of priority country	:U.S.A.	CA 94103-4813 U.S.A.
(86) International Application No	:PCT/US2005/009083	(72)Name of Inventor :
Filing Date	:18/03/2005	1)VERNON,STEPHEN,DECKER
(87) International Publication No	:WO2005/106851 A1	2)ROBINSON,CHARLES,QUITO
(61) Patent of Addition to Application Number	:NA	3)ANDERSEN,ROBERT,LORING
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 18

(57) Abstract :

A process that allocates bits for quantizing spectral components in a perceptual coding system is performed more efficiently by obtaining an accurate estimate of the optimal value for one or more coding parameters that are used in the bit allocation process. In one implementation for a perceptual audio coding system, an accurate estimate of an offset from a calculated psychoacoustic masking curve is derived by selecting an initial value for the offset were used for coding, and estimating the optimum value of the offset from a difference between this calculated number and the number of bits that are actually available for allocation.



(54) Title of the invention : NOVEL BENZOTHAZOLES AND THE USE THEREOF AS MEDICAMENTS.

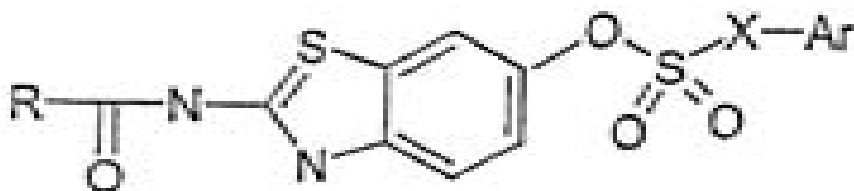
(51) International classification	:C07D417/12; A61K31/428; A61K31/4439	(71)Name of Applicant : 1)AVENTS PHARMA S.A Address of Applicant :20 AVENUE RAYMOND ARON FR-92160 ANTONY France
(31) Priority Document No	:04/03,421	(72)Name of Inventor :
(32) Priority Date	:01/04/2004	1)DEPRETS STEPHANIE
(33) Name of priority country	:France	2)STEEINMETZ ANKE
(86) International Application No	:PCT//FR2005/000761	3)ANGOULILLAT BONIFACE ODILE
Filing Date	:30/03/2005	4)BEZARD DANIEL
(87) International Publication No	:WO2005/097787 A3	5)ZHANG JIDONG
(61) Patent of Addition to Application Number	:NA	6)BENEDETTI YANNICK
Filing Date	:NA	7)CLERC FRANCOIS
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 102

No of Claims : 14

(57) Abstract :

The invention especially relates to novel chemical compounds, especially novel benzothiazole derivatives, to compositions containing said compounds, and to the use thereof as medicaments.



(54) Title of the invention : AUDIO BITSTREAM FORMATION IN WHICH THE BITSTREAM SYNTAX IS DESCRIBED BY AN ORDERED TRANSVERSAL OF A TREE HIERARCHY DATA STRUCTURE.

(51) International classification	:G10L19/14; G10L19/00
(31) Priority Document No	:60/564,465
(32) Priority Date	:21/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012493
Filing Date	:13/04/2005
(87) International Publication No	:WO2005/109403 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOLBY LABORATORIES LICENSINGAddress of Applicant :100 POTRERO AVENUE SAN FRANCISCO
CA 94103-4813 U.S.A.

(72)Name of Inventor :

1)LEMIEUX,PIERRE-ANTHONY,STIVELL

No of Pages : 41

No of Claims : 19

(57) Abstract :

A bitstream format for representing audio information in which the bitstream syntax is described by an ordered transversal of a tree hierarchy data structure, has a tree hierarchy comprising a plurality of tree hierarchy levels, each having one or more nodes, in which at least some progressively smaller subdivisions of the audio information are represented in progressively lower levels of the tree hierarchy, wherein the audio information is included among nodes in one ore more of said levels.

(54) Title of the invention : PROLONGED-RELEASE COMPOSITIONS COMPRISING TORASEMIDE AND A MATRIX-FORMING POLYMER.

(51) International classification :A61K 9/20
 (31) Priority Document No :P200400740
 (32) Priority Date :25/03/2004
 (33) Name of priority country :Spain
 (86) International Application No :PCT/EP2005/051340
 Filing Date :23/03/2005
 (87) International Publication No :WO2005/092291 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

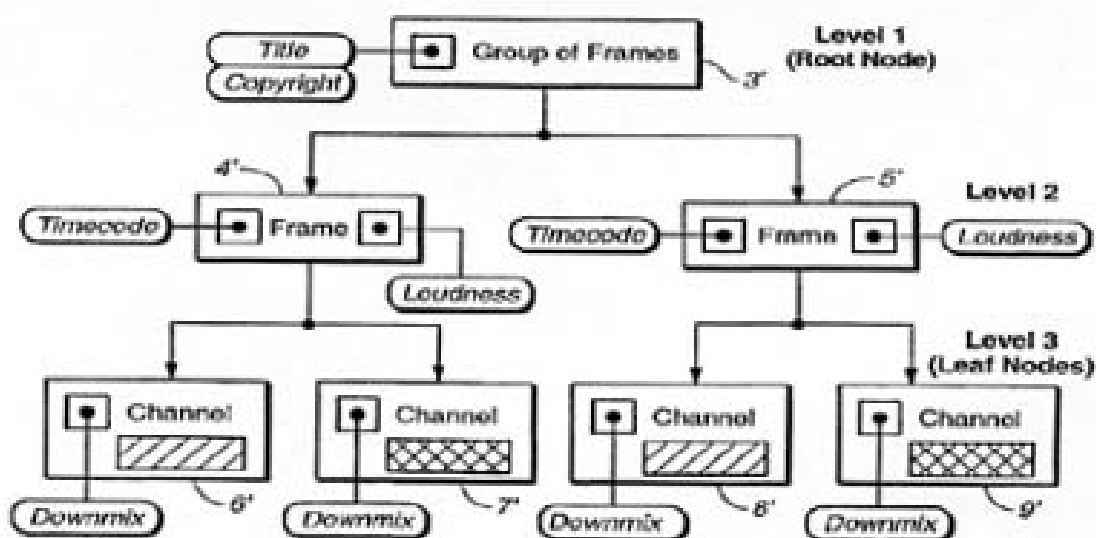
(71)Name of Applicant :
1)FERRER INTERNACIONAL,S.A
 Address of Applicant :GRAN VIA CARLOS III,94,E-08028
 BARCELONA Spain
 (72)Name of Inventor :
1)ROMERO,ALFONSO
2)GUERRERO,MARTA
3)GUGLIETTA,ANTONIO

No of Pages : 17

No of Claims : 15

(57) Abstract :

Prolonged-release diuretic compositions containing torasemide as active ingredient. The compositions of the invention are useful to be able to avoid the troublesome urinary urgencies caused by conventional immediate- release compositions.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2809/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : SYNTHESIS OF PYRROLE-2-CARBONITRILES.

(51) International classification	:C07D 207/416
(31) Priority Document No	:60/557,807
(32) Priority Date	:30/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014068
Filing Date	:28/03/2005
(87) International Publication No	:WO2005/097743 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940
U.S.A.

(72)Name of Inventor :

1)HELOM JEAN LOUISE

2)RUBEZHOV ARKADIY ZINOVII

3)PILCHER ANTHONY SCOTT

4)WILK BOGDAN KAZIMIERZ

No of Pages : 9

No of Claims : 18

(57) Abstract :

The instant invention concerns processes for the production of pyrrole-2-carbonitriles such as 1-methylpyrrole-2-carbonitrile. Such processes preferably comprise the steps of reacting a pyrrole with chlorosulfonyl isocyanate in the presence of a solvent and contacting the resulting product with a molar excess of an amide such as N,N-dimethylformamide. The product of this contacting step is then contacted with a molar excess of an organic base to produce a precipitate and a solution phase. The precipitate is then separated from the solution phase and the corresponding pyrrole-2-carbonitrile is isolated from the resulting solution phase.

(54) Title of the invention : ILLUMINABLE INFORMATION UNIT.

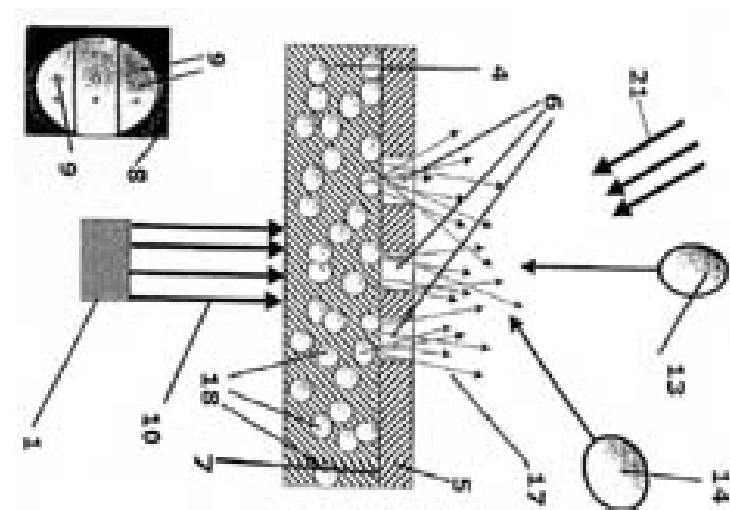
(51) International classification	:F21V8/00; G02B6/00	(71)Name of Applicant :
(31) Priority Document No	:102004015293.4	1)ALBIS PLASTIC GMBH
(32) Priority Date	:29/03/2004	Address of Applicant :20531 HAMBURG Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/003283	1)FLEHINGHAUS MICHAEL
Filing Date	:29/03/2005	2)TEITGE ANDREAS
(87) International Publication No	:WO2005/093477 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 13

(57) Abstract :

The aim of said invention is to produce an information unit for technical devices and machines, in particular for vehicle accessories which is readable day and night independently of the angle of view. For this purpose, the visible display elements (6) of said information unit comprises at least one light-diffusing plastic element (4) in which transparent and/or coloured transparent diffusers are inserted into a transparent and/or coloured transparent plastic compound (4).



(54) Title of the invention : NOVEL PYRROLO (2,3-B) PYRIDINE DERIVATIVES,THE PREPARATION AND THE PHARMACEUTICAL USE THEROF IN THE FORM OF KINASE INHIBITORS.

(51) International classification :A61K 31/437
 (31) Priority Document No :04/03,354
 (32) Priority Date :31/03/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000773
 Filing Date :30/03/2005
 (87) International Publication No :WO2005/095399 A3
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

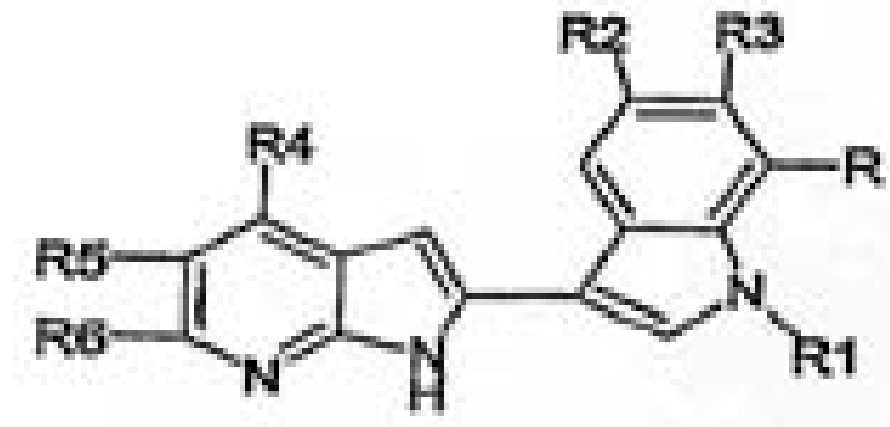
(71)Name of Applicant :
1)AVENTIS PHARM A S.A.
 Address of Applicant :20 AVENUE RAYMOND ARON FR-92160
 ANTONY FRANCE France
 (72)Name of Inventor :
1)WENTZLER SYLVIE
2)EL-AHMAD YOUSSEF
3)FILOCHE-ROMME BRUNO
4)NEMCEK CONCEPTION
5)VENOT CORINNE
6)HITTINGER AUGUSTIN

No of Pages : 327

No of Claims : 62

(57) Abstract :

The invention relates to novel products of formula (I), wherein R is hydrogen or selected from R2 or R3, R1 is alkenyl or alkyl possibly substituted by CO-NR7R8, -NR7R8, carboxy, hydroxyl, alkoxy or halogen, identical or different R2 and R3 are alkyl or -O-alkyl or possibly substituted by -CO-NR7R8, -NR7R8, alkoxy, alkoxy-NR7R8, carboxy or phenyl, identical or different R4, R5 and R6 are hydrogen, halogen, cyano, amino, alkoxy or alkyl, R4 is also -CH=O, -CH=N-OH and -CH2NHOH, R7 and R8 are, in particular hydrogen, alkyl, alkenyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, aryl and heteroaryl or R7 and R8 form with an nitrogen atom a possibly substituted heterocycle, said products are embodied in the form of all types of isomers and salts used as drugs.



(54) Title of the invention : PROJECTION DISPLAY AND PROJECTION DISPLAY SYSTEM.

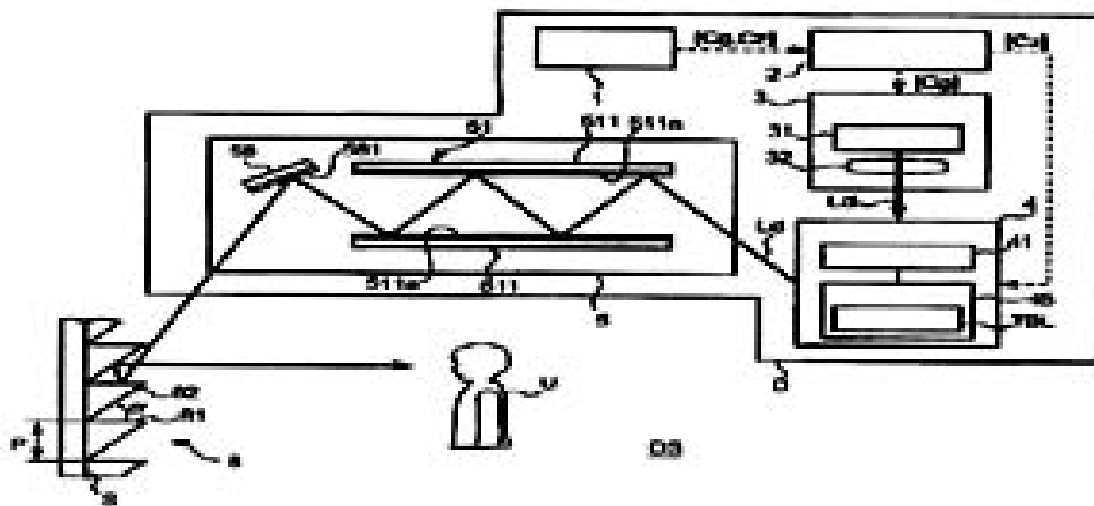
(51) International classification	:G03B35/00; G02B27/22	(71)Name of Applicant :
(31) Priority Document No	:2004-110254	1)ERA KAZUNARI
(32) Priority Date	:02/04/2004	Address of Applicant :4-1-11-201,MATSUBA-CHO,KASHIWA-SHI
(33) Name of priority country	:Japan	CHIBA 277-0827 Japan
(86) International Application No	:PCT/JP2005/006478	(72)Name of Inventor :
Filing Date	:01/04/2005	1)ERA KAZUNARI
(87) International Publication No	:G03B35/00; G02B27/22 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 74

No of Claims : 15

(57) Abstract :

A projection display device D includes an acquiring means 2 that acquires a pixel value C_g and a depth value C_z for each of a plurality of pixels constituting an image, a light output means 3 that outputs pixel display light L_d per pixel according to the pixel value, a light guide body 5 that guides the pixel display light L_d to a position corresponding to the pixel on a projection surface 8, and changes the light path length of the pixel display light L_d to the projection surface 8 according to the depth value C_z of the pixel. The light guide body 5 includes a reflector 51 that has mirror surfaces 511a opposing each other. The light path length control means 3 changes the number of times the pixel display light is reflected by the mirror surfaces 511a of the reflector 51 according to the depth value C_z of the pixel.



(54) Title of the invention : SYNTHESIS OF EPOTHILONES, INTERMEDIATES THERETO, ANALOGUES AND USES THEREOF.

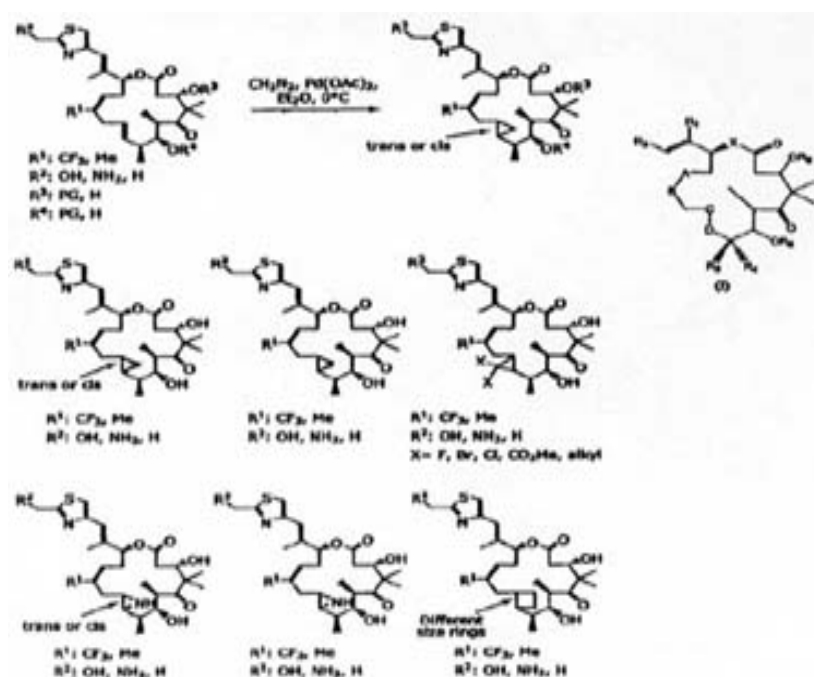
(51) International classification	:H01F27/32; H01F41/06	(71) Name of Applicant : 1)ABB TECHNOLOGY AG
(31) Priority Document No	:102004016197.6	Address of Applicant :Affoltemstrasse 44,CH-8050 Zurich Switzerland
(32) Priority Date	:01/04/2004	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)WEBER BENJAMIN
(86) International Application No	:PCT/EP2005/002520	2)GRUTNNER,CHRISTIAN
Filing Date	:10/03/2005	
(87) International Publication No	:WO2005/098881 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 210

No of Claims : 56

(57) Abstract :

The invention relates to a winding for a transformer or a coil. Said winding is made of a winding material (11) comprising a strip-type electric conductor (10) which is connected in a detachable manner to at least one wide side (101) having at least one layer of insulating material (12). The winding material (11) is wound about a winding axis (16) in order to prevent axial offset in order to form the threads (20). The invention further relates to a method for the production of said type of winding.



(54) Title of the invention : SINGLE PASS DRILLING APPARATUS, USE A ONE-PIECE DRILL BIT,METHOD AND ROCK BOLTING.

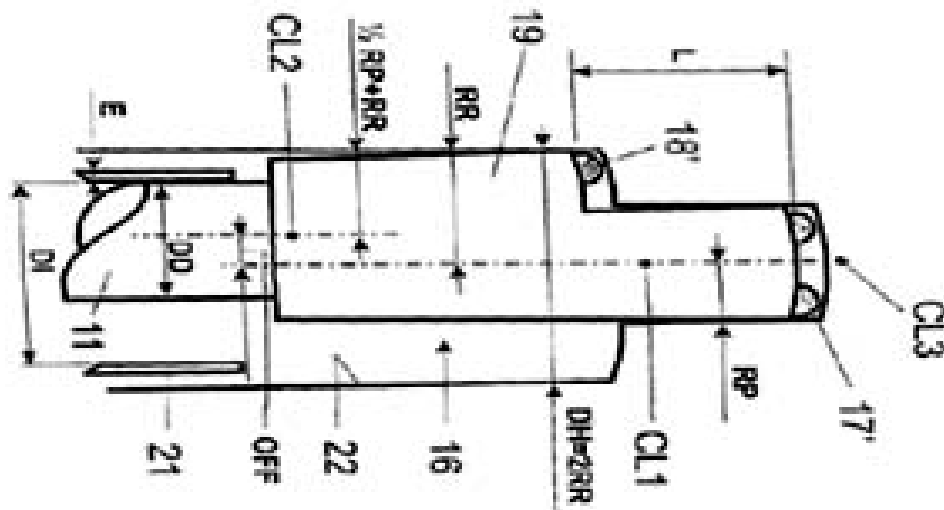
(51) International classification	:E21B7/20; E21B10/66	(71)Name of Applicant :
(31) Priority Document No	:0400597-1	1)SANDVIK INTELLECTUAL AB
(32) Priority Date	:10/03/2004	Address of Applicant :S-81181 Sandviken Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2005/000219	1)RAVAT,Pierre
Filing Date	:18/02/2005	
(87) International Publication No	:WO2005/085582 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 9

(57) Abstract :

The present invention relates to a single pass drilling apparatus, a rock bolt, use of a drill bit and a method for single pass rock bolting for reinforcement and stabilization of excavations. The single pass drilling apparatus comprises an elongated drill steel (11) having a leading (12) and a trailing end (13) with reference to a drilling direction (F). The leading end (12) has a connection portion. A one-piece drill bit (16) is utilized having rock machining means (17,18;17'18')- The drill bit is connectable to the drill steel. The single pass drilling apparatus (10) further comprises a rock bolt (21;121,221;321) adapted to at least partially enclose the drill steel (11). The greatest diametrical dimension (DB) of the drill bit (16) is smaller than the smallest diametrical dimension (DI) of the rock bolt.



(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A BATTERY.

(51) International classification :H02J7/00; H02J9/00
 (31) Priority Document No :10/793,951
 (32) Priority Date :08/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/000925
 Filing Date :22/06/2004
 (87) International Publication No :WO2005/086315 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ELECTROVAYA INC

Address of Applicant :2465 Royal Windsor Dr.Mississauga Ontario L5J 1 K9 Canada

(72)Name of Inventor :

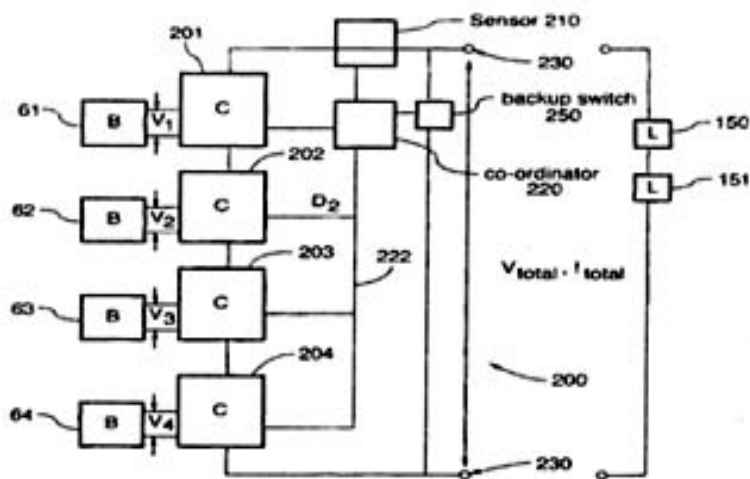
1)JACOBS,James,K

No of Pages : 34

No of Claims : 29

(57) Abstract :

A battery controller for charging and discharging a plurality of batteries is disclosed. The battery controller has a plurality of direct current to direct current (DC to DC) converters connected to each other in series. Each battery of a plurality of batteries is electrically connectable to a respective DC to DC converter. A co-ordinator connected to each of the plurality of DC to DC converters controls charging and discharging of the battery electrically connected to the respective converter. The co-ordinator can also control charging and discharging of any one of the batteries to ensure that the battery retains sufficient electrical capacity, and, to increase the longevity of the respective batteries. Because each battery is electrically connected to a respective DC to DC converter, the energy from one battery can be used to charge another battery in order to monitor battery characteristics including energy capacity of each battery. Each of the DC to DC converters is selected to operate preferably below 30 volts while the total voltage of the entire battery system can be much more than 30 volts depending on the number of DC to DC converters placed in series.



(54) Title of the invention : PYRIMIDINE DERIVATIVES AND METHODS OF TREATMENT RELATED TO THE USE THEREOF.

(51) International classification :C07D 239/48
 (31) Priority Document No :60/557406
 (32) Priority Date :30/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/JP05/006582
 Filing Date :04/03/2005
 (87) International Publication No :WO 2005/095357
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TAISHO PHARMACEUTICAL CO.,LTD
 Address of Applicant :24-1,TAKADA-3-CHOME, TOSHIMA-KU,TOKYO, JAPAN Japan
 (72)Name of Inventor :
1)YOSHINORI SEKIGUCHI
2)KOSUKE KANUMA
3)KATSUNORI OMODERA
4)THUY-ANH TRAN
5)GRAEME SEMPLE
6)BRYAN A.KRAMER

No of Pages : 281

No of Claims : 45

(57) Abstract :

The present invention encompasses novel substituted pyrimidine compounds of Formula (I): which act as MCH receptor antagonists. These compounds are useful in pharmaceutical compositions whose use includes prophylaxis or treatment of improving memory function, sleeping and arousal, anxiety, depression, mood disorders, seizure, obesity, diabetes, appetite and eating disorders, cardiovascular disease, hypertension, dyslipidemia, myocardial infarction, binge eating disorders including bulimia, anorexia, mental disorders including manic depression, schizophrenia, delirium, dementia, stress, cognitive disorders, attention deficit disorder, substance abuse disorders and dyskinesias including Parkinson's disease, epilepsy, and addiction.



(54) Title of the invention : LIFTING DEVICE.

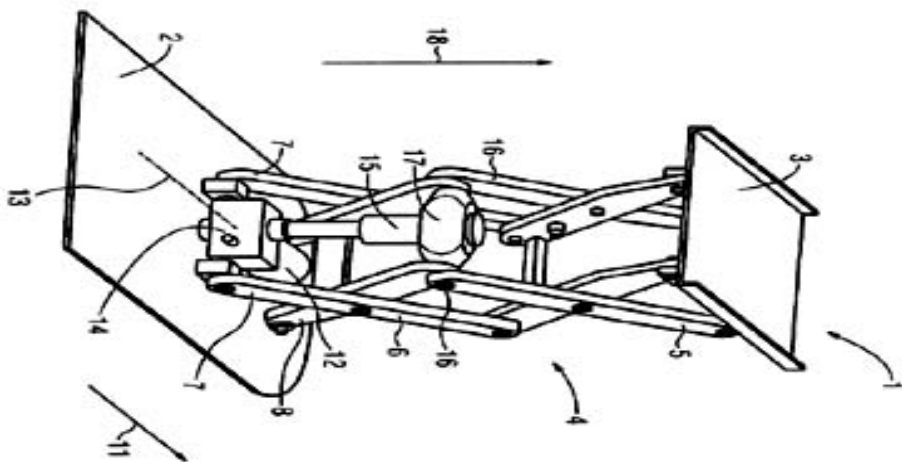
(51) International classification	:B66F7/06; B66F7/06	(71)Name of Applicant :	
(31) Priority Document No	:102004016728.1	1)SIEMENS AKTIENGESELLSCHAFT	
(32) Priority Date	:05/04/2004	Address of Applicant :Wittelsbacherplatz 2,80333 Munchen Germany	
(33) Name of priority country	:Germany	Germany	
(86) International Application No	:PCT/EP2005/051223	(72)Name of Inventor :	
Filing Date	:16/03/2005	1)KONRAD PIEGER	
(87) International Publication No	:WO2005/097662 A1	2)PAUL WEIDNER	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 10

No of Claims : 7

(57) Abstract :

The invention relates to a lifting device (1) comprising a top part (3), a bottom part (2), a lifting rod assembly (4) that connects the top part (3) to the bottom part (2) and is provided with at least two partial rod assemblies (5, 6) which are interconnected via a central joint (16), and a drive unit (12, 14, 15, 19) for adjusting the height of the top part (3). In order to create a particularly simple lifting device, the drive unit (12, 14, 15, 19) grips the central joint (16).



(54) Title of the invention : SEPARATING FLOOR FOR A DISTILLATION COLUMN.

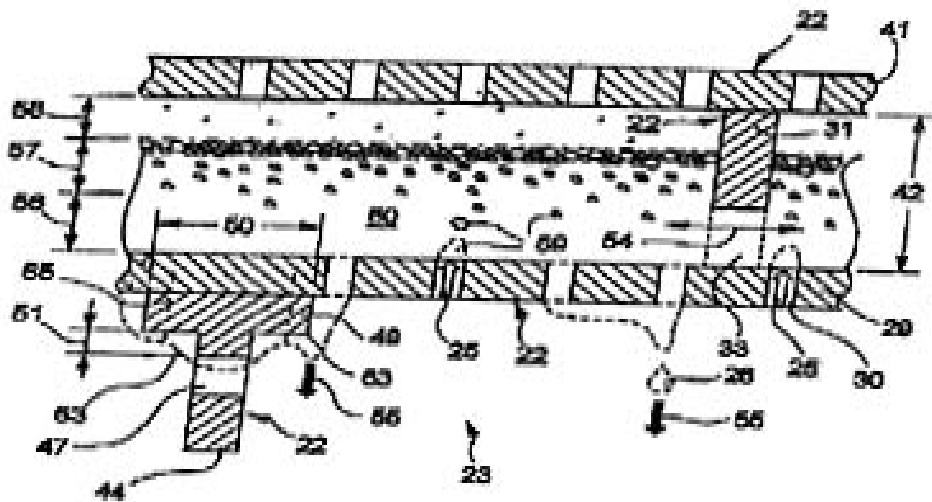
(51) International classification	:B01D3/22; B01D3/14	(71)Name of Applicant :
(31) Priority Document No	:102004015714.6	1)STOCKHAUSEN GMBH
(32) Priority Date	:29/03/2004	Address of Applicant :Germany,Bakerpfad 25 47805 Krefeld Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/003271	1)MOSLER,JURGEN
Filing Date	:29/03/2005	2)SPARENBERG,HANS-GUNTER
(87) International Publication No	:WO2005/092464 A1	3)PAPAJEWSKI,LUDWIG
(61) Patent of Addition to Application Number	:NA	4)SELBACH,ARNDT
Filing Date	:NA	5)LEISTNER,JORG
(62) Divisional to to Application Number	:NA	6)KOHN,JURGEN
Filing Date	:NA	

No of Pages : 49

No of Claims : 23

(57) Abstract :

A battery controller for charging and discharging a plurality of batteries is disclosed. The battery controller has a plurality of direct current to direct current (DC to DC) converters connected to each other in series. Each battery of a plurality of batteries is electrically connectable to a respective DC to DC converter. A co-ordinator connected to each of the plurality of DC to DC converters controls charging and discharging of the battery electrically connected to the respective converter. The co-ordinator can also control charging and discharging of any one of the batteries to ensure that the battery retains sufficient electrical capacity, and, to increase the longevity of the respective batteries. Because each battery is electrically connected to a respective DC to DC converter, the energy from one battery can be used to charge another battery in order to monitor battery characteristics including energy capacity of each battery. Each of the DC to DC converters is selected to operate preferably below 30 volts while the total voltage of the entire battery system can be much more than 30 volts depending on the number of DC to DC converters placed in series.



(54) Title of the invention : WINDING FOR A TRANSFORMER OR A COIL AND METHOD FOR THE PRODUCTION THEREOF.

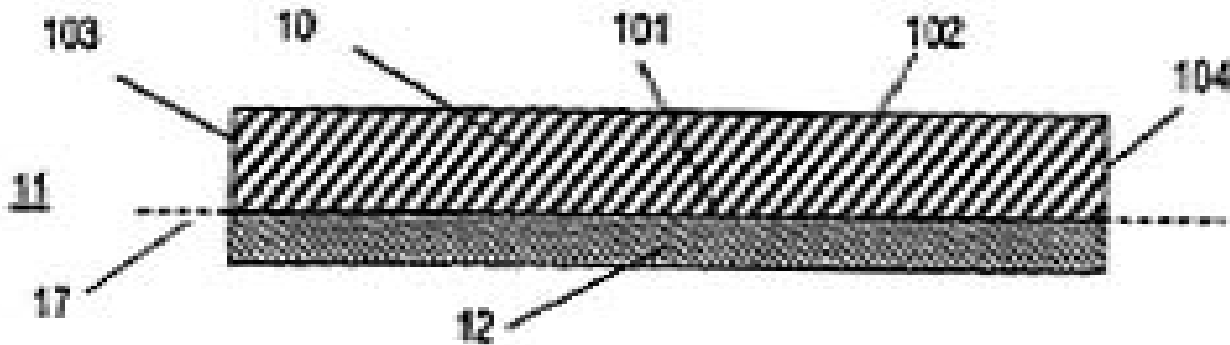
(51) International classification	:H01F 27/32	(71)Name of Applicant :
(31) Priority Document No	:102004016197.6	1)ABB TECHNOLOGY AG
(32) Priority Date	:01/04/2004	Address of Applicant :Affoltemstrasse 44, CH-8050 Zurich Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/002520	1)WEBER BENJAMIN
Filing Date	:10/03/2005	2)GRUTTNER, CHRISTIAN
(87) International Publication No	:WO 2005/098881	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 22

(57) Abstract :

The invention relates to a winding for a transformer or a coil Said winding is made of a winding material (11) comprising a strip-type electric conductor (10) which is connected in a detachable manner to at least one wide side (101) having at least one layer of insulating material (12). The winding material (11) is wound about a winding axis (16) in order to prevent axial offset in order to form the threads (20). The invention further relates to a method for the production of said type of winding.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2820/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : TREATING OR PREVENTING EXTRACELLULAR MATRIX BUILD-UP.

(51) International classification	:A61K38/22; C07K14/57	(71)Name of Applicant : 1)REGENERX BIOPHARMACEUTICALS,INC
(31) Priority Document No	:60/549,911	Address of Applicant :3 BETHESDA METRO CENTER, SUITE
(32) Priority Date	:05/03/2004	630,BETHESDA, MARYLAND 20814 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/007448	1)GOLDSTEIN,ALLAN,L
Filing Date	:07/03/2005	
(87) International Publication No	:WO2005/087805 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 18

(57) Abstract :

A method of treatment for treating, preventing, inhibiting or reducing extracellular matrix build-up in a body tissue or a bodily fluid transport vessel, in a subject, includes administering to a subject in need of such treatment an effective amount of a composition including a peptide agent including amino acid sequence LKKTET, a conservative variant thereof, or a peptide agent that stimulates production of an LKKTET peptide, or a conservative variant thereof, in the tissue.

(54) Title of the invention : MOBILE RADIO ANTENNA WITH BEAMFORMING ELEMENT.

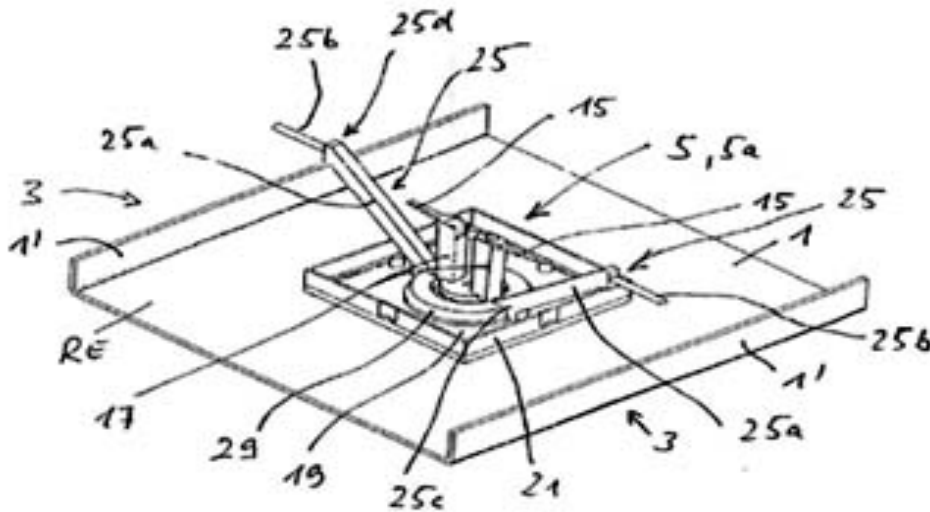
(51) International classification	:H01Q1/24; H01Q3/26	(71)Name of Applicant :
(31) Priority Document No	:102004025904.6	1)KATHEIN-WERKE KG
(32) Priority Date	:27/05/2004	Address of Applicant :ANTON-KATHREIN-STR,1-3 83022
(33) Name of priority country	:Germany	ROSENHEIM Germany
(86) International Application No	:PCT/EP2005/005456	(72)Name of Inventor :
Filing Date	:19/05/2005	1)GOTTL,MAXIMILIAN
(87) International Publication No	:WO2005/119835 A1	2)KINKER,ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 18

(57) Abstract :

An improved antenna arrangement is characterised by the following features: the passive and electrically conducting element comprises a beam forming element (25), at least one provided beam forming element (25) is divided into at least two sections, namely a support section (25a) and a working section (25b), connected to the region of the support section (25a) lying furthest from the reflector (1).



(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
 (31) Priority Document No :102004024194.5
 (32) Priority Date :13/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/005073
 Filing Date :11/05/2005
 (87) International Publication No :WO 2005/110084
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN Germany
 (72)Name of Inventor :
1)TORMO I BLASCO JORDI
2)GROTE THOMAS
3)SCHERER MARIA
4)STIERL REINHARD
5)STRATHMANN SIEFRIED
6)SCHOFEL ULRICH
7)RADEMACHER WILHELM

No of Pages : 20

No of Claims : 13

(57) Abstract :

Fungicidal mixtures comprising,as active components 1)a triazolopyrimidine derivative of the formula 1, in which the variables are as defined below: R is alkyl,haloalkyl or alkenyl; R is hydrogen or one of the groups mentioned for R and R together may also form a straight-chain or branched alkylene chain; L is fluorine, chlorine or bromine; m is 2 or 3 and 2) one or more inhibitors of gibberellin biosynthesis (II) and /or auxin transport (III); in a synergistically effective amount, methods for controlling harmful fungi using mixtures of compounds of the formula I with inhibitors II and /or III by using the mixtures according to the invention and the use of the compounds I with inhibitors II and /or III for preparing such mixtures, and also compositions comprising these mixtures.



(54) Title of the invention : FUNGICIDAL MIXTURES.

(51) International classification :A01N 43/90
 (31) Priority Document No :102004024192.9
 (32) Priority Date :13/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/005067
 Filing Date :11/05/2005
 (87) International Publication No :WO/2005/110087
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

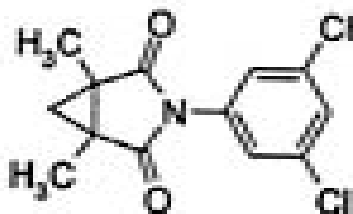
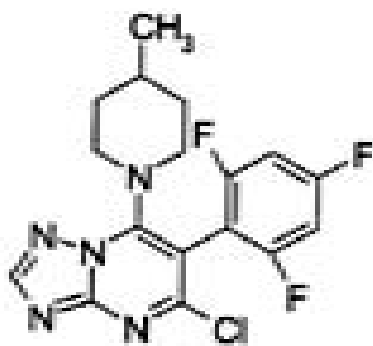
(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN Germany
 (72)Name of Inventor :
1)TORMO I BLASCO JORDI
2)GROTE THOMAS
3)SCHERER MARIA
4)STIERL REINHARD
5)STRATHMANN SIEGFRIED
6)SCHOFEL ULRICH

No of Pages : 13

No of Claims : 10

(57) Abstract :

Fungicidal mixtures comprising, as active components, 1) the triazolopyrimidine derivative of the formula I I and 2) procymidone of the formula II II in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2824/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/09/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : RECORDING MEDIUM, READ/WRITE METHOD THEREOF AND READ/WRITE APPARATUS THEREOF.

(51) International classification	:G11B7/00; G11B7/09	(71) Name of Applicant : 1)LG ELECTRONICS INC.
(31) Priority Document No	:10-2004-0034022	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(32) Priority Date	:13/05/2004	SEOUL 150-721 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2005/001403	1)KIM JIN YONG
Filing Date	:13/05/2005	
(87) International Publication No	:WO2005/109999 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 26

(57) Abstract :

A recording medium read/write method and apparatus are disclosed. The present invention records version information of a corresponding recording medium as read/write control information within the recording medium. The version information includes write compatibility version information and read compatibility version information. The read/write apparatus efficiently performs the read/write of the recording medium with reference to the version informations recorded within the recording medium.

(54) Title of the invention : FUEL RELEASE MANAGEMENT FOR FUEL CELL SYSTEMS.

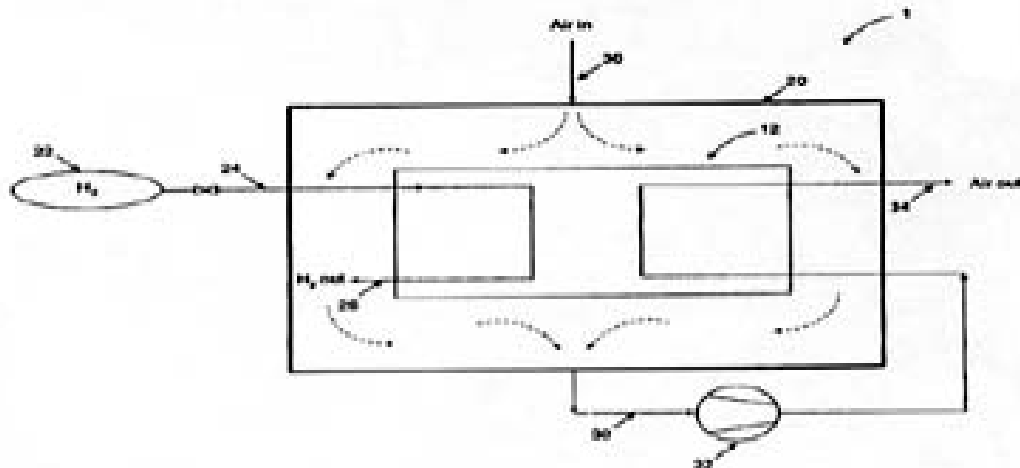
(51) International classification	:H01M8/04; H01M8/24	(71)Name of Applicant :
(31) Priority Document No	:60/559,670	1)BALLARD POWER SYSTEMS INC
(32) Priority Date	:05/04/2004	Address of Applicant :4343 NORTH FRASER WAY, BURNABY, BRITISH COLUMBIA V5J5J9 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/011822	1)SEDERQUIST,RICHARD,A
Filing Date	:04/04/2005	2)BLASZCZYK,JANUSZ
(87) International Publication No	:WO2005/099017 A2	3)PROCTER,MICHAEL,J
(61) Patent of Addition to Application Number	:NA	4)FLECK,WOLFRAM
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 47

(57) Abstract :

Methods and apparatus for fuel release mitigation including enclosing a fuel cell stack within an enclosure, supplying oxidant to the enclosure, circulating the oxidant within the enclosure to mix with any fuel present in the enclosure, withdrawing circulated oxidant from the enclosure; and supplying at least a portion of the circulated oxidant withdrawn from the enclosure to the stack as the cathode inlet stream.



(54) Title of the invention : METHODS FOR TREATING DISORDERS OR DISEASES ASSOCIATED WITH HYPERLIPIDEMIA AND HYPERCHOLESTEROLEMIA AND HYPERCHOLESTEROLEMIA WHILE MINIMIZING SIDE EFFECTS

(51) International classification	:A61K31/21; A61K31/40	(71)Name of Applicant :
(31) Priority Document No	:60/550,915	1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
(32) Priority Date	:05/03/2004	Address of Applicant :3160 CHESTNUT STREET,SUITE 200, PHILDELPHIA,PA 19104-6283 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/007435	1)RADER,DANIEL,J
Filing Date	:07/03/2005	
(87) International Publication No	:WO2005/087234 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 25

(57) Abstract :

The present invention provides methods and compositions for treating hyperlipidemia and/or hypercholesterolemia comprising administering to the subject an effective amount of an MTP inhibitor to inhibit hyperlipidemia and/or hypercholesterolemia in said subject, wherein said administration comprises an escalating series of doses of the MPT inhibitor. In some embodiments the method comprises administering at least three stepwise, increasing dosages of the MPT inhibitor to the subject. In some embodiments, the method further comprises the administration of one or more other lipid modifying compounds.

(54) Title of the invention : HETEROCYCLIC PHENYLAMINOPROPANOL DERIVATIVES AS MODULATORS OF THE MONOAMINE REUPTAKE FOR THE TREATMENT OF VASOMOTOR SYMPTOMS (VMS)

(51) International classification :C07D 265/36
 (31) Priority Document No :60/557,831
 (32) Priority Date :30/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010510
 Filing Date :29/03/2005
 (87) International Publication No :WO2005/097761 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ
 07940-0874 U.S.A.

(72)Name of Inventor :

1)VU,AN,THIEN

2)MAHANEY,PAIGE,ERIN

3)COHN,STEPHEN,TODD

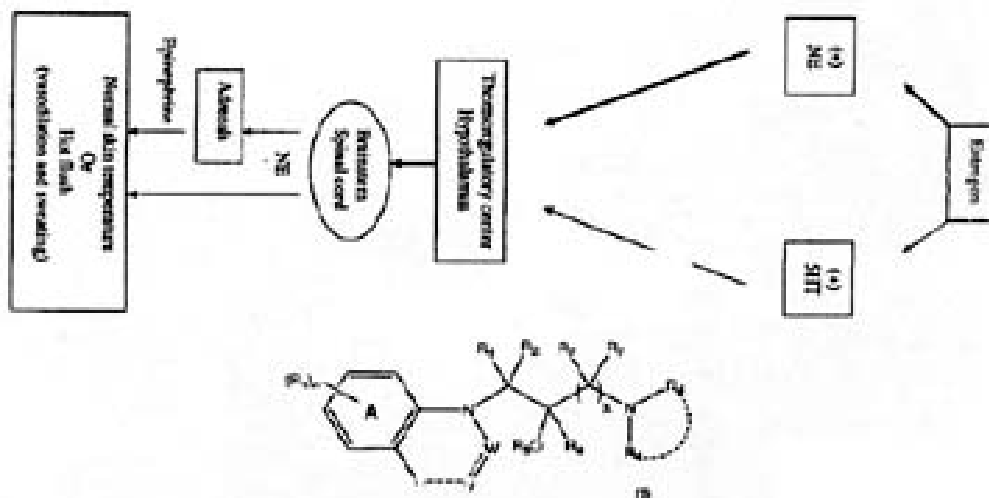
4)COHN,STEPHEN,TODD

No of Pages : 90

No of Claims : 49

(57) Abstract :

The present invention is directed to phenylaminopropanol derivatives of formula 1: or a pharmaceutical ly acceptable salt thereof, compositions containing these derivatives, and methods of their use for the prevention and treatment of conditions ameliorated by monoamine reuptake including, inter alia, vasomotor symptoms (VMS), sexual dysfunction, gastrointestinal and genitourinary disorders, chronic fatigue syndrome, fibromyalgia syndrome, nervous system disorders, and combinations thereof, particularly those conditions selected from the group consisting of major depressive disorder, vasomotor symptoms, stress and urge urinary incontinence, fibromyalgia, pain, diabetic neuropathy, and combinations thereof.



(54) Title of the invention : 2-SUBSTITUTED PYRIMIDINES AND THEIR USE AS PESTICIDES.

(51) International classification :C07D 401/04
 (31) Priority Document No :102004025363.3
 (32) Priority Date :19/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/005333
 Filing Date :17/05/2005
 (87) International Publication No :WO2005113538
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BASF AKTIENGESELLSCHAFT

Address of Applicant :67056 LUDWIGSHAFEN Germany

(72)Name of Inventor :

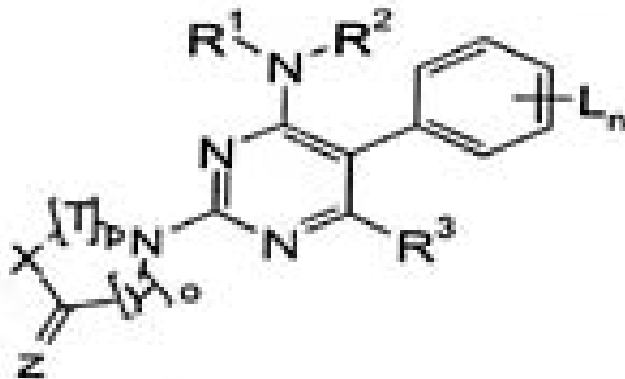
1)SCHWOGGLER ANJA**2)SCHIEWECK FRANK****3)RHEINHEIMER JOACHIM****4)GEWEHR MARKUS****5)MULLER BERND****6)GROTE THOMAS****7)GRAMMENOS WASSILIOS****8)HUNGER UDO****9)BLETTNER CARSTEN****10)SCHAFFER PETER****11)WAGNER OLIVER****12)STIERL REINHARD****13)SCHOFEL ULRICH****14)STRATHMANN SIEGFRIED****15)SCHERER MARIA**

No of Pages : 57

No of Claims : 9

(57) Abstract :

The invention relates to 2-substituted pyrimidines of the formula I in which the index n and the substituents L AND R to R are as X is a group-CH R-N-R-,O-OR -S- R may be hydrogen halogen,c1-c6 alkyl,c1-c6-alkoxy,cyano or c1-c6-alkoxycarbonyl; Rb is hydrogen,c1-c6 alkyl or c3-c6-cycloalkyl; T is a group-CH-Ra P is an integer from 1 to 4; Y is a group-CH-Ra-or N-RB- o is 0 or 1; Z is O,S OR A GROUP N(RC) RC IS Hydrogen,C1-C6-alkyl OR C1-C6-alkoxy and the processes for their preparation,to pesticidal compositions compositions them and to their use as pesticides.



(54) Title of the invention : RECORDING MEDIUM AND METHOD AND APPARATUS FOR RECORDING DATA IN THE RECORDING MEDIUM .

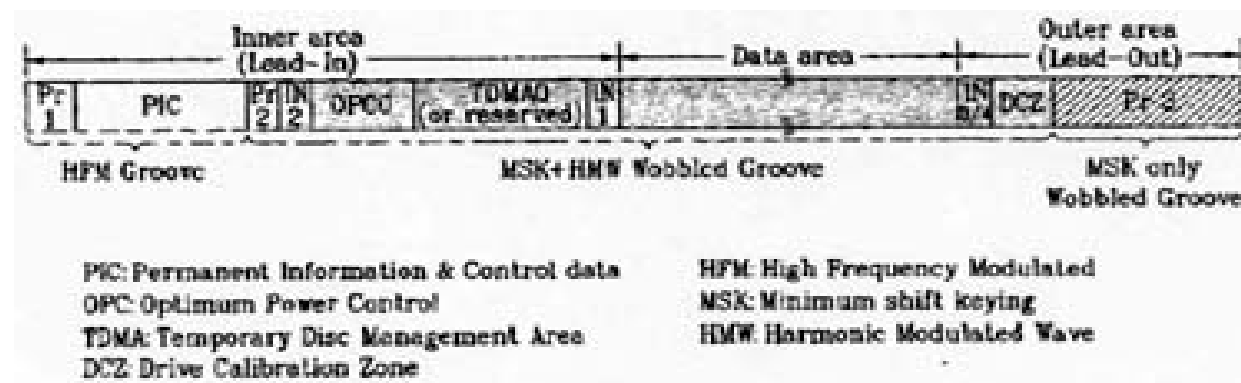
(51) International classification	:G11B7/00; G11B7/00	(71)Name of Applicant :
(31) Priority Document No	:60/608,901	1)LG ELECTRONICS INC.
(32) Priority Date	:13/09/2004	Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(33) Name of priority country	:U.S.A.	SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2005/003003	(72)Name of Inventor :
Filing Date	:12/09/2005	1)SUH SANG WOON
(87) International Publication No	:WO2006/031041 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66

No of Claims : 31

(57) Abstract :

A recording medium, and a method and apparatus for recording data in the recording medium are disclosed. The recording medium including an inner area, a data area, and an outer area includes a first test area contained in the inner area, and a second test area contained in the outer area, wherein the first and second test areas are formed by a predetermined wobble modulation method equal to that of the data area. Therefore, the recording medium can be applied to a method for manufacturing a Blu-ray disc, and data can be effectively recorded/reproduced in/from the recording medium, such as the Blu-ray disc.



(54) Title of the invention : NEW CONTAINER AND LID ASSEMBLY

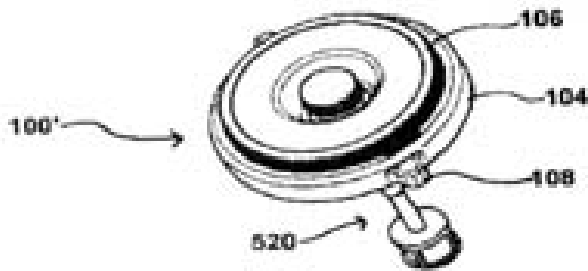
(51) International classification	:B44D3/12; B05C	(71)Name of Applicant :
(31) Priority Document No	:60/557,860	1)THE SHERWIN-WILLIAMS COMPANY
(32) Priority Date	:31/03/2004	Address of Applicant :101 Prospect Avenue,NW,Cleveland, ohio 44115
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/010902	(72)Name of Inventor :
Filing Date	:31/03/2005	1)NOTTINGHAM,,JOHN R.
(87) International Publication No	:WO2005/097351 A2	2)SPIRK,,JOHN W
(61) Patent of Addition to Application Number	:NA	3)PANASEWICZ,DALE A.
Filing Date	:NA	4)IREDELL,ROBERT
(62) Divisional to to Application Number	:NA	5)STANCA,NICK E.
Filing Date	:NA	

No of Pages : 28

No of Claims : 20

(57) Abstract :

An assembly for facilitating the use of paint applicator accessories in connection with a plastic container is provided. The assembly includes a nozzle device housed within a container lid and having a suction line, which extends into the paint container. The assembly also includes one or more vent holes. The assembly can be used to supply paint to a paint applicator device by attaching an intake conduit of the paint applicator to the nozzle device. As paint is siphoned out of the container by the applicator device, the vent holes allow air to flow into the container to replace the volume of withdrawn paint.



(54) Title of the invention : STACKED ORGANIC LIGHT EMITTING DEVICE HAVING HIGH EFFICIENCY AND BRIGHTNESS

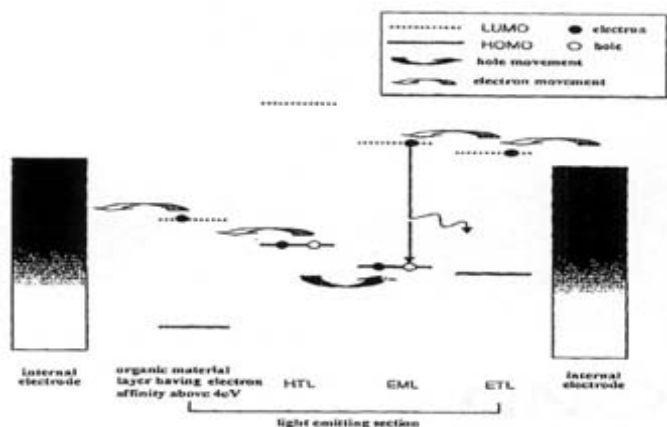
(51) International classification	:H05B33/26; H05B33/26	(71)Name of Applicant :	1)LG CHEM.LTD
(31) Priority Document No	:10-2004-0024470		Address of Applicant :20,YOIDO-DONG YOUNGDUNGPO-GU
(32) Priority Date	:09/04/2004		SEOUL 150-721 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :	
(86) International Application No	:PCT/KR2005/001001		1)JEONG JI WEON
Filing Date	:07/04/2005		2)LEE YOUNG CHUL
(87) International Publication No	:WO2006/075822 A1		3)NOH JEOUNG KWEN
(61) Patent of Addition to Application Number	:NA		4)HAHM YUN HYE
Filing Date	:NA		5)JEONG DONG SEOB
(62) Divisional to Application Number	:NA		6)JANG JUN GI
Filing Date	:NA		

No of Pages : 37

No of Claims : 8

(57) Abstract :

Disclosed is a stacked organic light emitting device and a display apparatus including the stacked organic light emitting device. The stacked organic light emitting device includes an anode connected to an external power source, a cathode connected to the external power source, at least two light emitting sections aligned between the anode and the cathode, including a light emitting layer, and an internal electrode aligned between the light emitting sections. The internal electrode is a single-layered internal electrode which is made from one selected from the group consisting of a metal, alloys of the metal, and metal oxides thereof, having a work function below 4.5 eV, each light emitting section includes an organic material layer containing an organic material having an electron affinity above 4 eV, and the organic material layer is formed between the light emitting layer of the light emitting section and the electrode facing the anode connected to the external power source in two electrodes which make contact with the light emitting section.



(54) Title of the invention : ID-OD DISCRIMINATION SENSOR CONCEPT FOR A MEGNATIC FLUX LEAKAGE INSPECTION TOOL

(51) International classification :G01N27/90;
G01N27/90
(31) Priority Document No :10/825,873
(32) Priority Date :15/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/010295
Filing Date :28/03/2005
(87) International Publication No :WO2005/106451 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

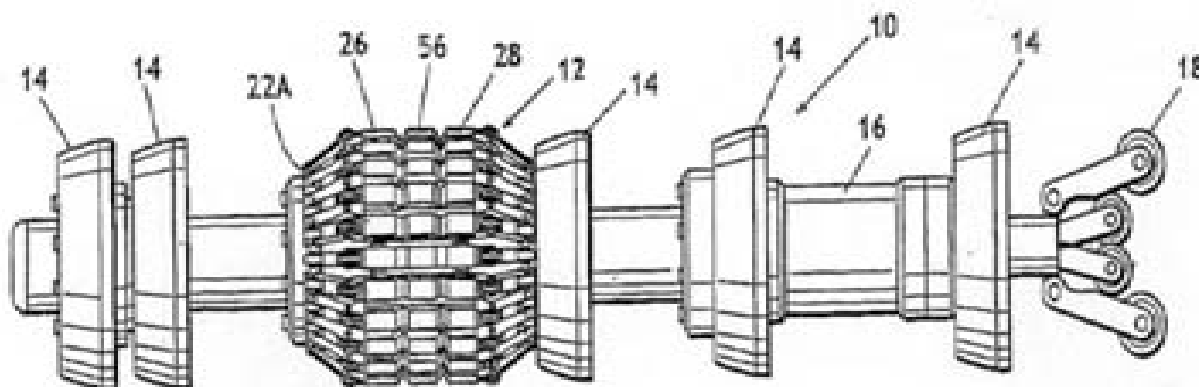
(71)Name of Applicant :
1)TDW DELAWARE,INC
Address of Applicant :1100,MARKET STREET,SUITE 780,
WILMINGTON,DELAWARE 19801 U.S.A.
(72)Name of Inventor :
1)VEACH,WILLIAM D
2)LLYOD,TYLER S
3)LUDLOW,JED C

No of Pages : 24

No of Claims : 16

(57) Abstract :

An instrument pig and method of operation thereof for determining the characteristics of a ferromagnetic pipeline through which it passes, including a pig body, first and second coaxial circumferential, spaced apart magnets of opposed polarities supported to the pig body and providing substantially complete magnetic saturation of an area of the pipeline between the magnets, first instruments between the magnets arranged to generate signals that are responsive to flux leakage providing first information as to anomalies in the pipeline interior and/or exterior surfaces, second instruments supported by the pig body between the magnets and arranged to generate signals that are responsive to eddy currents induced in the pipeline interior surface providing second information as to anomalies in the pipeline interior surface, signal processing circuitry combining the first and second signals and wherein the second instruments are energized only in response to signals generated by the signal processing circuitry.



(54) Title of the invention : DEVICES SYSTEMS AND METHODS FOR PROVIDING SET AVAILABILITY INFORMATION IN A BOOKING CLASS

(51) International classification :G06F17/60
 (31) Priority Document No :60/557,632
 (32) Priority Date :30/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/003489
 Filing Date :28/01/2005
 (87) International Publication No :WO 2005/103986
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

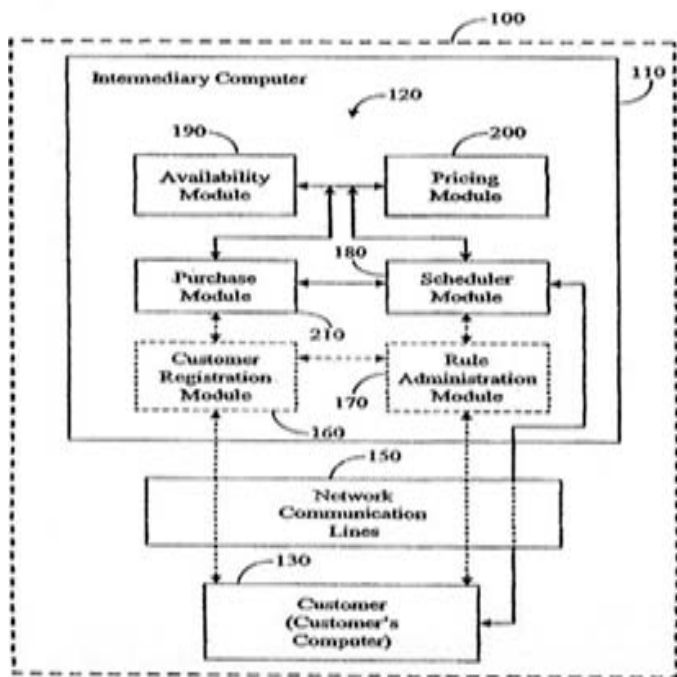
(71)Name of Applicant :
1)TRA VELOCITY.COM LP
 Address of Applicant :3150 SABRE DRIVE, SOUTHLAKE,TX 76092,
 U.S.A. U.S.A.
 (72)Name of Inventor :
1)FAIRBANKS,CHRISTOPHER,JON
2)RICHARDSON,BRIAN,DAVIS
3)KANG,ALICE,H
4)SHAH,FAYYAZ,H
5)HARTMANN,JOSHUA

No of Pages : 37

No of Claims : 27

(57) Abstract :

A computer device is provided for determining remaining seats in a booking class having a maximum number of seats, which communicates with a user's computer device over a network to receive a user query, associated with travel parameters and including an amount of persons and at least two connect points, and obtains a schedule corresponding thereto. The schedule includes a cabin class with booking classes ranked by a criteria between a highest and a lowest booking class, the lowest booking class being a subset of the highest booking class. The computer device selects a least-cost-fare booking class from the ranked booking classes, which has an actual number of available seats at least equal to the amount of persons requesting seats and an applicable fare meeting the travel parameters, and provides an indicia thereof to the user, in direct response to the query. Associated systems and methods are also provided.



(54) Title of the invention : FUEL CELL COMPRISING CAPILLARIES

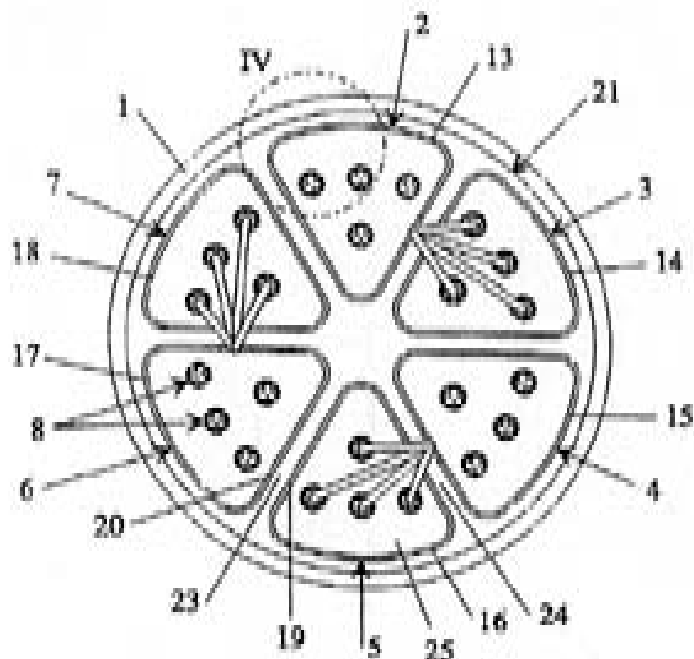
(51) International classification	:H01M8/10; H01M8/12	(71)Name of Applicant :
(31) Priority Document No	:102004010995.8	1)WHITE FOX TECHNOLOGIES LIMITED
(32) Priority Date	:03/03/2004	Address of Applicant :10 CROMWELL PLACE,LONDON,SW72JN
(33) Name of priority country	:Germany	U.K.
(86) International Application No	:PCT/DE2005/000350	(72)Name of Inventor :
Filing Date	:01/03/2005	1)BLUM,STEPHAN,RUDIGER
(87) International Publication No	:WO2005/086270 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 36

(57) Abstract :

The invention relates to a fuel cell comprising a number of capillaries (34) each with an electrode (41) and a fuel component running thereon and/or there through, arranged in bundles in adjacent segments (35-40) each within a reaction chamber (68,69) with electrodes (41) projected from both ends of each capillary. The electrodes (41) of the capillaries (34) of a segment (35-40) are electrically connected to lie at essentially the same voltage and at least one wall section (45) of each segment (35-40) is provided or at least embodied with a counter-electrode (46,47).



(54) Title of the invention : IMPROVED APPARATUS FOR ELECTRICALLY MEDIATED DELIVERY OF THERAPEUTIC AGENTS

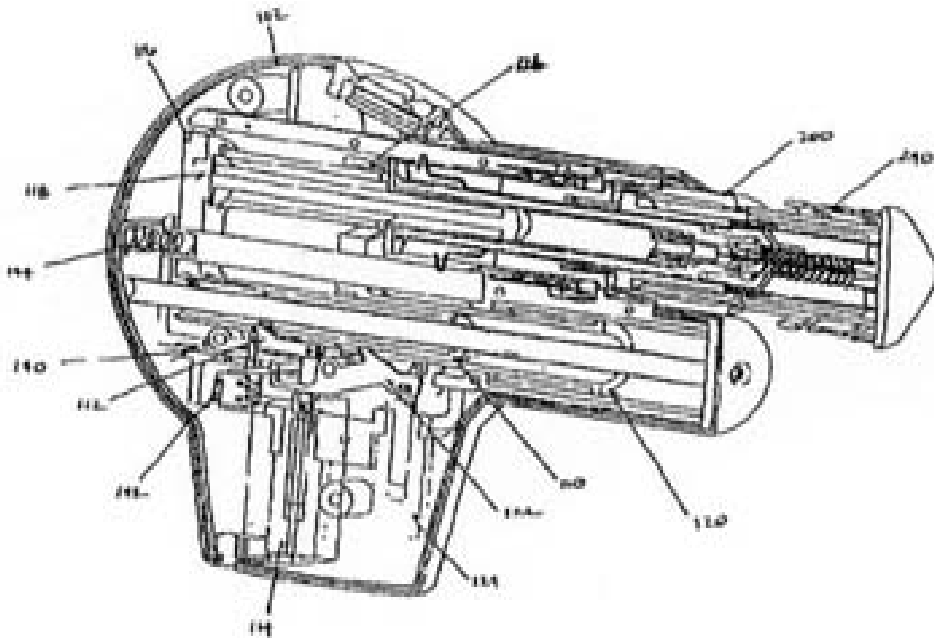
(51) International classification	:A61N1/32	(71)Name of Applicant :	
(31) Priority Document No	:60/551,679	1)ICHOR MEDICAL SYSTEMS,INC	
(32) Priority Date	:08/03/2004	Address of Applicant :6310 NANCY RIDGE DRIVE,NO.107,SAN	
(33) Name of priority country	:U.S.A.	DIEGO CA 92121 U.S.A.	
(86) International Application No	:PCT/US2005/007936	(72)Name of Inventor :	
Filing Date	:08/03/2005	1)MASTERSON STEVEN P	
(87) International Publication No	:WO2005/087311 A1	2)HANNAMAN ANDREW W	
(61) Patent of Addition to Application Number	:NA	3)BERNARD ROBERT M	
Filing Date	:NA		
(62) Divisional to to Application Number	:NA		
Filing Date	:NA		

No of Pages : 31

No of Claims : 30

(57) Abstract :

Apparatus for the delivery of an electrical field which facilitates the intracellular delivery of a therapeutic agent to a predetermined site within the tissue of a patient. The apparatus will comprise a plurality of penetrating electrodes arranged in a predetermined spatial relationship, each electrode with a cross sectional area contributing to the total cross sectional area of all electrodes, and structural means incorporating an inanimate source of energy operatively connected to the plurality of electrodes for deploying the electrodes, wherein the source of energy is sufficient to impart a force of at least 1000 pounds per square inch (0.7 kilogram per square millimeter) of total cross sectional area of all electrodes at the initiation of the deployment of the electrodes. The apparatus will also comprise means for generating an electrical field which facilitates the intracellular delivery of a therapeutic agent, which means is operatively connected to said electrodes at least in their deployed state.



(54) Title of the invention : AMMONIUM NITRATE CRYSTALS,AMMONIUM NITRATE BLASTING AGENT AND METHOD OF PRODUCTION

(51) International classification :C06B 31/28
 (31) Priority Document No :2,464,278
 (32) Priority Date :08/04/2004
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2005/000528
 Filing Date :07/04/2005
 (87) International Publication No :WO2005/097710 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NEXCO INC

Address of Applicant :19 LEGAULT STREET,P.O.BOX 23040
 NORTH BAY,ONTARIO PIA 4K6 Canada

(72)Name of Inventor :

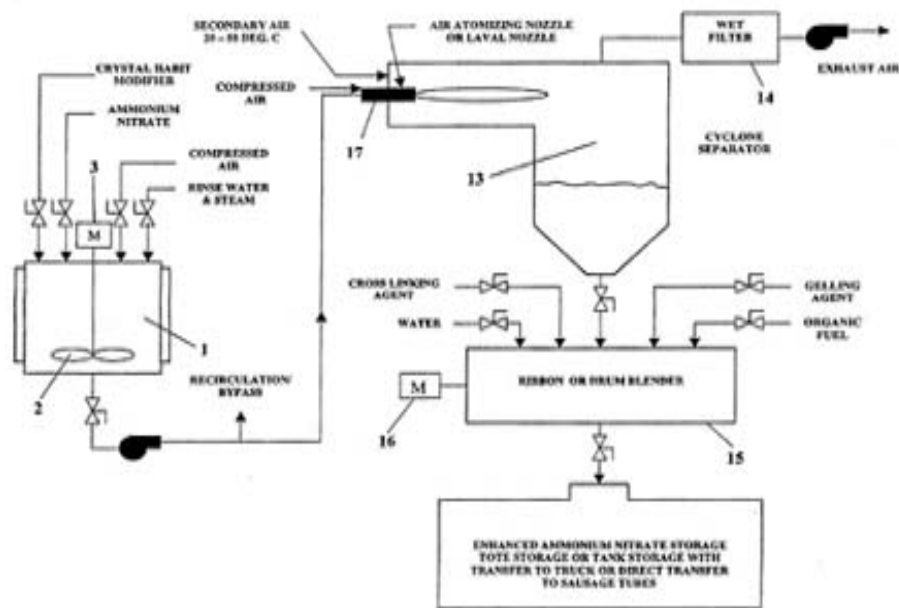
1)PRESTON CHRISTOPHER

No of Pages : 31

No of Claims : 22

(57) Abstract :

A blasting agent comprised of an ammonium nitrate component and an organic carbonaceous fuel component. The ammonium nitrate component includes ammonium nitrate crystals having a particle size of from about 1 to about 500 , microns and further includes one or more crystal habit modifiers.



(54) Title of the invention : QUICK LNG OFFLOADING

(51) International classification :F17C 9/02
 (31) Priority Document No :60/566,680
 (32) Priority Date :30/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013984
 Filing Date :25/04/2005
 (87) International Publication No :WO2005/110016 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SBM-IMODCO,INC
 Address of Applicant :1255,ENCLAVE PARKWAY,SUITE
 400,HOUSTON,TX 77077 U.S.A.
 (72)Name of Inventor :
1)POLLACK,JACK
2)WILLE,HEIN

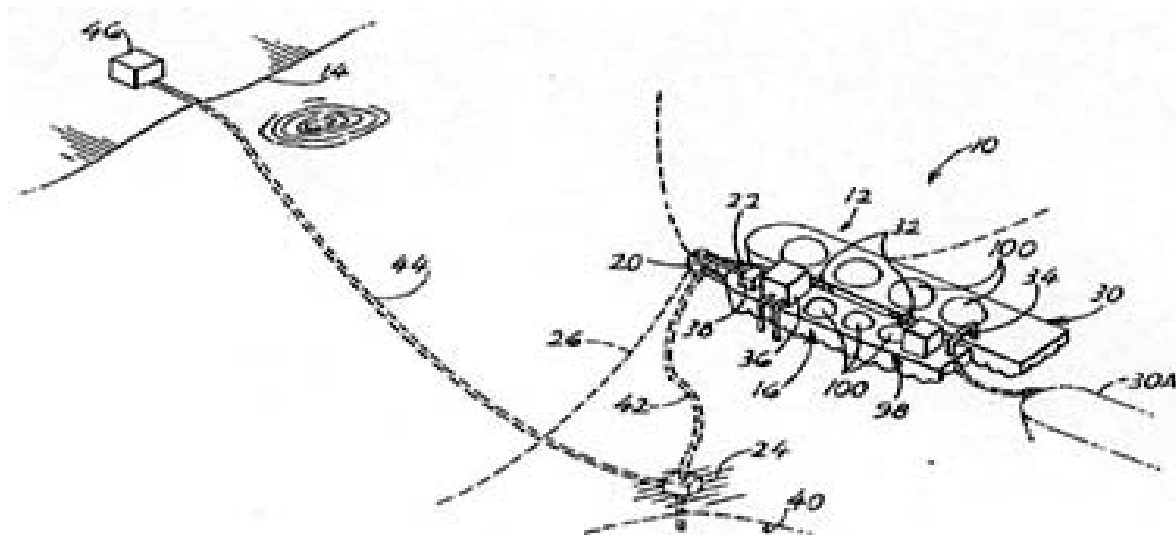
No of Pages : 15

No of Claims : 9

(57) Abstract :

A system of the type wherein LNG from a tanker (30) is offloaded to a moored vessel (16), which has a regas unit (36) which heats the LNG to transform it into gaseous hydrocarbons, and which has a pump unit (38) that pumps the gaseous hydrocarbons to a consumer (46) such as an onshore gas distribution facility. The system is constructed to enable more rapid tanker unloading so the tanker is released earlier to sail back to a pickup location.

The moored vessel has a thermally insulated LNG storage facility such as LNG tanks (100), with a capacity to store all LNG not regassed during offloading of the tanker. The regas unit has sufficient capacity to regas all LNG received in one tanker load, before the tanker returns with another load of LNG.



(54) Title of the invention : BIOSENSORS, COMMUNICATORS AND CONTROLLERS MONITORING EYE MOVEMENT AND METHOD FOR USING THEM

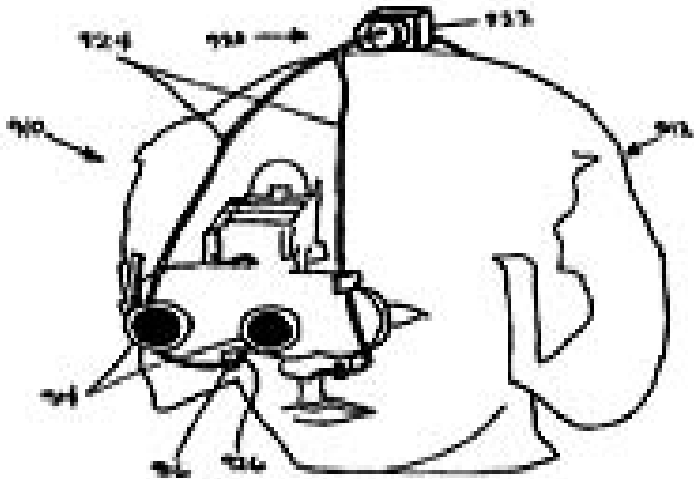
(51) International classification	:A61B3/11; A61B3/113	(71)Name of Applicant :
(31) Priority Document No	:60/559,135	1)TORCH WILLIAM C
(32) Priority Date	:01/04/2004	Address of Applicant :4100 RAMROD CIRCLE,RENO,NV 89509
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/011104	(72)Name of Inventor :
Filing Date	:01/04/2005	1)TORCH WILLIAM C
(87) International Publication No	:WO2005/094667 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 87

No of Claims : 42

(57) Abstract :

Biosensor, communicator, and/or controller apparatus, systems, and methods are provided for monitoring movement of a person's eye. The apparatus includes a device configured to be worn on a user's head, a light source for directing light towards one or both eyes of the user, one or more image guides on the device for viewing one or both eyes of the user, and one or more cameras carried on the device and coupled to the image guides for acquiring images of the eyes and/or the user's surroundings. The apparatus may include a cable and/or a transmitter for transmitting image data from the camera to a remote location, e.g., to processor and/or display for analyzing and/or displaying the image data. A system including the apparatus may be used to monitor one or more oculometric parameters, e.g., pupillary response, and/or to control a computer using the user's eyes instead of a mouse.



(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE MODULATION .

(51) International classification	:H04L 27/00
(31) Priority Document No	:60/550,517
(32) Priority Date	:05/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/007213
Filing Date	:04/03/2005
(87) International Publication No	:WO2005/086729 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEXTNET WIRELESS INC

Address of Applicant :2900 W.County Road 42 Burnsville Minnesota 55306 U.S.A.

(72)Name of Inventor :

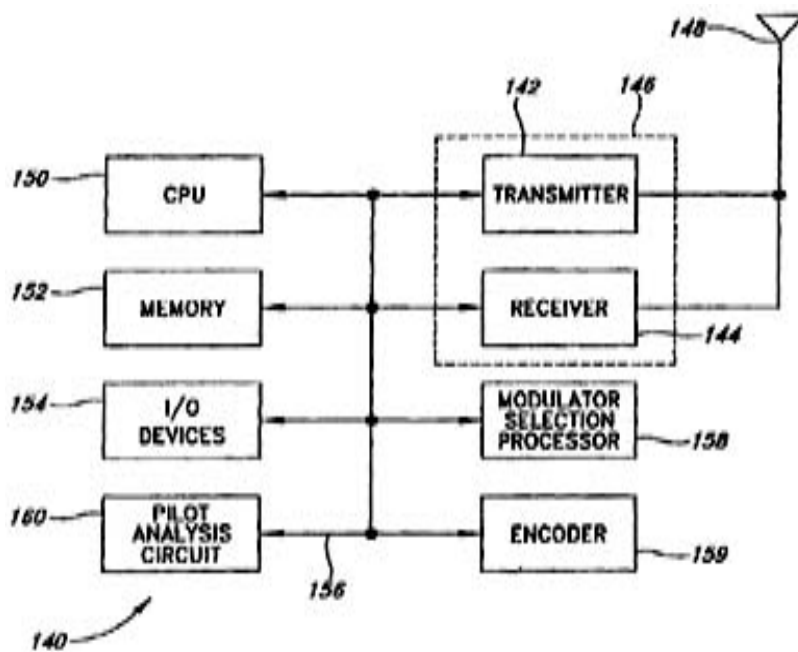
1)Eric J.DUNN**2)Mervin L.GRINDAHL****3)Keith BARNES**

No of Pages : 23

No of Claims : 39

(57) Abstract :

A wireless communication system is configured for adaptive modulation of a transmitted symbol. The specific modulation and/or coding is uniquely identified and data related thereto is embedded within the transmitted symbol. A receiver extracts pilot signals from the transmitted symbol and performs a correlation analysis to identify the particular modulation/coding used for that particular transmitted symbol. This permits adaptive modulation on a symbol-by-symbol basis. A base station communicating with a plurality of peripheral subscribers may utilize different modulation/coding for each subscriber depending on channel conditions.



(54) Title of the invention : METALLIZATION PROCESS AND PRODUCT PRODUCED THEREBY.

(51) International classification	:B32B15/08
(31) Priority Document No	:10/794,382
(32) Priority Date	:05/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006902
Filing Date	:03/03/2005
(87) International Publication No	:WO2005/091949 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIFOL CORPORATION

Address of Applicant :12 Daniel Road Fairfield NJ 07004-2507 U.S.A.

(72)Name of Inventor :

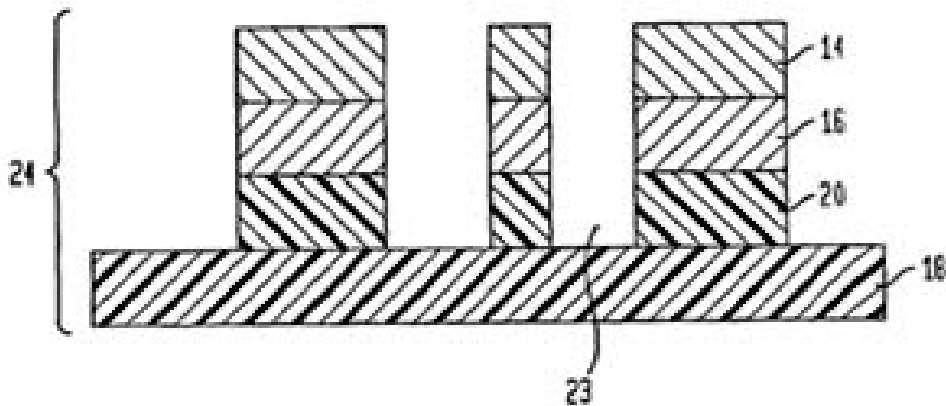
1)FUNICELLI,Joseph**2)GALLINO,Robert**

No of Pages : 42

No of Claims : 30

(57) Abstract :

A layered structure produced by metallizing a substrate including: (a) providing a transfer film including film layer and metal layer bonded together by a cured breakaway layer; (b) providing a substrate; (c) applying electron beam curable transfer adhesive to a portion of the substrate; (d) securing the transfer film to the substrate, where the transfer adhesive is between the metal layer and substrate, forming an intermediate product; (e) passing the intermediate product through an electron beam curing apparatus to cure the transfer adhesive; and (f) removing the transfer film. In the metallized product, the cured breakaway coating is bonded only to the metal. The cured breakaway layer preferably has a cured elongation at break, in tension, of less than about 20%. Precise metallized edges are produced, e.g., edge variation of about ± 0.010 in., or better. The process can be utilized with total or selective metal transfer.



(54) Title of the invention : METHOD AND APPARATUS FOR ISOCHRONOUS DATAGRAM DELIVERY OVER CONTENTION BASED DATA LINK.

(51) International classification :H04L12/56;
H04L12/64
(31) Priority Document No :60/550,722
(32) Priority Date :05/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007211
Filing Date :04/03/2005
(87) International Publication No :WO2005/088903 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NEXTNET WIRELESS

Address of Applicant :2900W.County Road 42 Burnsville Minnesota
55306 U.S.A.

(72)Name of Inventor :

1)Tony J.KLEIN

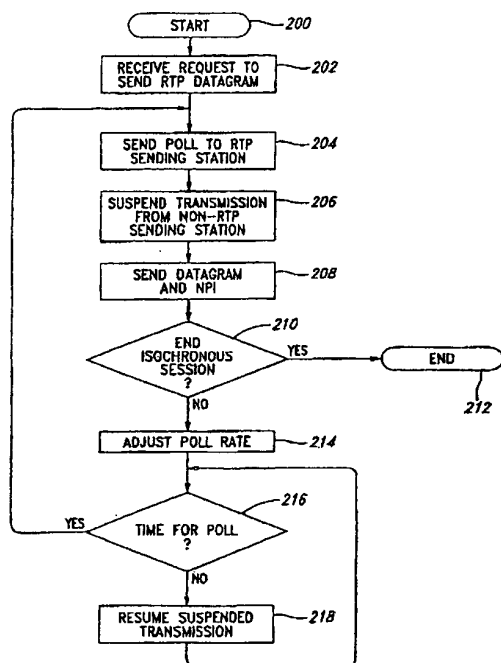
2)Jeff STERN

No of Pages : 37

No of Claims : 41

(57) Abstract :

A contention-based data link couples a receiving station and a plurality of sending stations. A first sending station has established a communication session with the receiving station. If a second one of the plurality of sending stations requests a call setup for a higher priority low-latency transmission, the receiving station sends a poll to the second sending station. The poll causes the first sending station to temporarily suspend its transmission activities and permits the second sending station to transmit a real time protocol (RTP) datagram. Upon completion of transmission from the second sending station, the suspended transmission from the first sending station resumes in a transparent fashion. The receiving station controls transmission rate by sending poll requests at intervals determined by a data value transmitted from sending station. Within the sending station, data grams in an output queue are monitored and polling rate varied so as to maintain the number of data grams in the output queue at an optimal level.



(54) Title of the invention : METHOD AND PRODUCTS FOR THE SELECTIVE DEGRADATION OF PROTEINS.

(51) International classification	:C12N9/99; C12N15/87	(71) Name of Applicant : 1)UNIVERSITY OF LEEDS
(31) Priority Document No	:040731.2	Address of Applicant :Leeds LS29 JT U.K.
(32) Priority Date	:03/03/2004	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)COLYER,John
(86) International Application No	:PCT/GB2005/000811	2)BHOGAL,Moninder,Singh
Filing Date	:03/03/2005	
(87) International Publication No	:WO2005/085457 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 52

No of Claims : 29

(57) Abstract :

The present invention provides a method of controlling levels/concentrations of a target moiety. The method of the present invention includes introducing into a cell a product comprising at least one of each of the following modules: a targeting module, a destruction module and a replacement module. The method further comprises targeting the target moiety with the targeting module so that the destruction module can effect degradation of the target moiety and replacing the target moiety with a replacement: module. The replacement module may be either a modified form of the target moiety itself or a functional unit which restores normal metabolic activity of the cell. The present invention also provides products comprising targeting modules, a destruction module and a replacement module, nucleic acids encoding the products and vectors. The present invention also provides for use of the method and products in treating various clinical disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2843/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/10/2006

(43) Publication Date : 01/06/2007

(54) Title of the invention : METHODS OF MAKING TITANIUM CATALYZED POLETHYLENE TEREPHTHALATE RESINS.

(51) International classification	:C08G63/02; C08G63/80	(71)Name of Applicant : 1)WELLMAN,INC
(31) Priority Document No	:60/559,983	Address of Applicant :SUITE 302,1040 BROAD
(32) Priority Date	:06/04/2004	STREET,SHREWSBURY NJ 0702-4318 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/039726	1)NICHOLS CARL STEVEN
Filing Date	:24/11/2004	2)THOPSON DAVID EUGENE
(87) International Publication No	:WO2005/103110 A3	3)GRIFFITH SHARON SUE
(61) Patent of Addition to Application Number	:NA	4)MORRE TONY CLIFFORD
Filing Date	:NA	5)HUMELSINE BILLY MACK
(62) Divisional to to Application Number	:NA	6)SCHIAVONE ROBERT JOSEPH
Filing Date	:NA	7)HUMELSINE BILLY MACK
		8)SCHIAVONE ROBERT JOSEPH

No of Pages : 63

No of Claims : 56

(57) Abstract :

The present invention relates to methods of making titanium-catalyzed polyethylene terephthalate resins having reduced comonomer substitution, as well as preforms, bottles, and films made from these resins.

(54) Title of the invention : ELECTRONIC DEVICE AND RECHARGING CONNECTOR ARRANGEMENT.

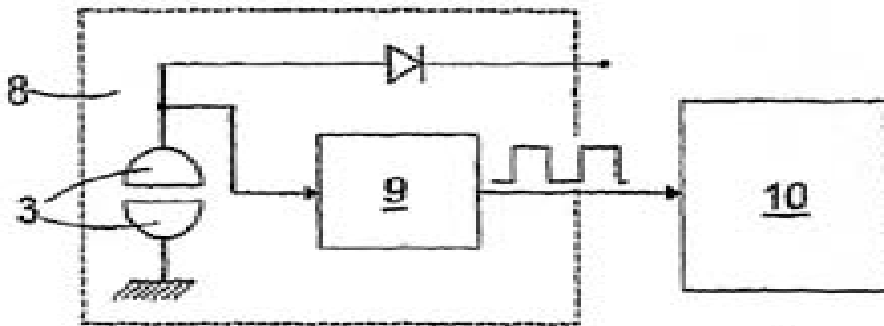
(51) International classification	:H02J7/00; H03K17/96	(71)Name of Applicant : 1)PERLOS OYJ
(31) Priority Document No	:20040368	Address of Applicant :AYRITIE 12 C,FI-01510 VANTAA Finland
(32) Priority Date	:08/03/2004	(72)Name of Inventor :
(33) Name of priority country	:Finland	1)BLOM CARL-GUSTAF
(86) International Application No	:PCT/FI2005/050065	
Filing Date	:07/03/2005	
(87) International Publication No	:WO2005/086314	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 13

(57) Abstract :

An electronic device comprising a rechargeable power source and a recharging connector arrangement (8) arranged at least partly on an outer surface of the device (1) and configured to connect the power source to a charging apparatus thereof. The recharging connector arrangement (8) is configured to operate as a user interface of the device (1) to control functions of the device.



(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING OLEFIN POLYMERS .

(51) International classification	:C08F10/00; C08F10/02	(71)Name of Applicant :
(31) Priority Document No	:04396032.7	1)BOREALIS TECHNOLOGY OY
(32) Priority Date	:29/04/2004	Address of Applicant :P.O.BOX 330,FIN-06101,PORVOO Finland
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/FI2005/000202	1)VOURIKARI MARIANNA
Filing Date	:29/04/2005	2)KORHONEN,ESA
(87) International Publication No	:WO2005/105862	3)ANDTSJO HENRIK
	A1	4)ZITTING,SAMULI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 24

(57) Abstract :

The present invention concerns a process and an apparatus for continuous polymerisation of olefin monomers. In particular, the present invention concerns a process and an apparatus for continuous polymerisation olefin monomers like ethylene and other monomers, wherein an olefin monomer is polymerised in slurry phase in an inert hydrocarbon diluent in at least one loop reactor. According to the invention, a polymer slurry is continuously withdrawn from the loop reactor and concentrated. The concentrated slurry is conducted to a flash unit in order to remove the remaining fluid phase, and gas obtained is compressed in a flash gas compressor before it is being fed to a distillation section. By means of the present invention it is possible reduce the size of the flash gas compressor and the capacity of the distillation sections. This significantly reduces investment cost for a continuously operated polymerization apparatus.

(54) Title of the invention : METHOD OF ANODIC CLEANING OF A SENSOR ELECTRODE.

(51) International classification :G01N 27/38
 (31) Priority Document No :60/521,171
 (32) Priority Date :03/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/007339
 Filing Date :03/03/2005
 (87) International Publication No :WO2005/085828 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

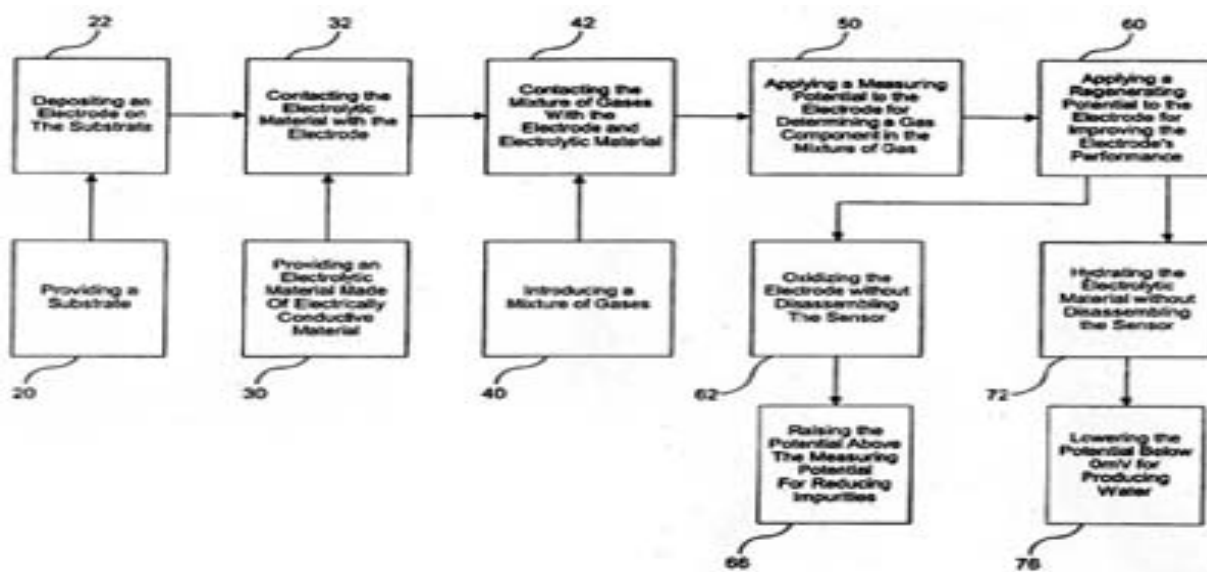
(71)Name of Applicant :
1)PERKINELMER LAS,INC
 Address of Applicant :549 ALBANY STREET,BOSTON,MA 02118
 U.S.A.
 (72)Name of Inventor :
1)DALMIA,AVINASH

No of Pages : 26

No of Claims : 23

(57) Abstract :

The present teachings relate to systems and methods for oxidizing a sensor having a substrate, an electrode in contact with the substrate, and an electrolytic material in contact with the electrode, where oxidizing includes applying an oxidizing potential (between approximately 350mV and 700 mV) to the electrode. In some embodiments, the methods and systems include hydrating the sensor by applying a hydrating potential (between approximately 0mV and -500mV) to the electrode. In some embodiments, the applied potential can vary cyclically between an oxidizing and hydrating potential.



(54) Title of the invention : A HOME LOCATION REGISTER SYSTEM OF SUPPORTING MULTI OF NETWORK TYPE USE.

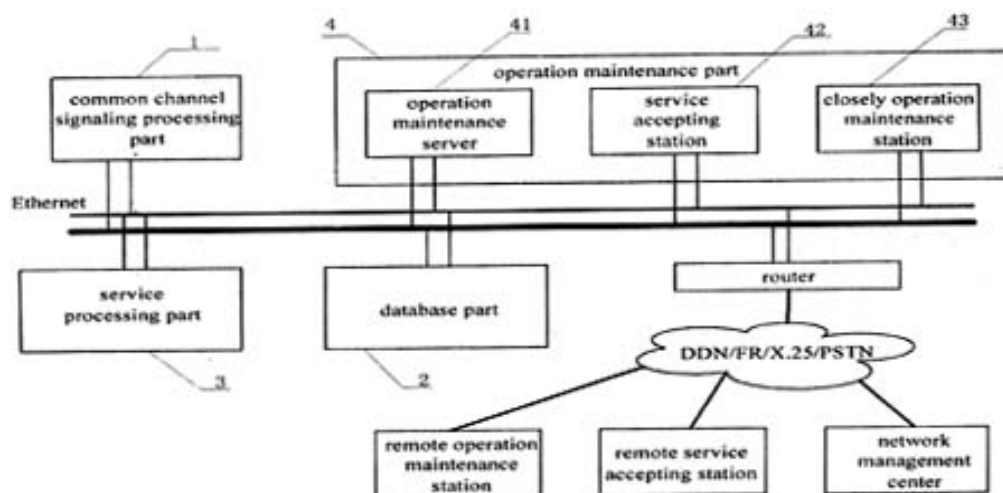
(51) International classification	:H04L29/06; H04M3/42	(71)Name of Applicant :
(31) Priority Document No	:200410026662.2	1)ZTE CORPORATION
(32) Priority Date	:26/03/2004	Address of Applicant :ZTE PLAZA KEJI ROAD SOUTH HI-TECH
(33) Name of priority country	:China	INDUSTRIAL PARK NANSHAN DISTRICT GUANGDONG
(86) International Application No	:PCT/CN2005/000152	PROVINCE 518057 China
Filing Date	:03/02/2005	(72)Name of Inventor :
(87) International Publication No	:WO2005/094088 A1	1)LU YUNCHUAN
(61) Patent of Addition to Application Number	:NA	2)ZHU KUN
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 5

(57) Abstract :

The present invention disclosed a home location register system of supporting multi of network type user, The system comprises common signaling processing part, database part, service processing part, and operation maintenance part, all the parts connect with the communication network and perform information changing respectively; the common signaling processing part performs function of processing No.7 signaling; the database part is used for storing user data; the service processing part comprises one or more home area location register service processing module; the operation maintenance part comprises operation maintenance server, service accepting station and closely operation maintenance station. The present invention is the central data processing center in the network, through the home area location register system that supported multi of network type user, it can be performing data management for different network type user, and provides PSTN user mixed give number, service of activating intelligent service in total network, and PHS user roaming service and supports smoothly change from PHS/PSTN user to 3G user.



(54) Title of the invention : METHODS AND SYSTEMS FOR INFORMATION CAPTURE AND RETRIEVAL.

(51) International classification :G06F7/00; G06F7/00
 (31) Priority Document No :10/814,773
 (32) Priority Date :31/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010985
 Filing Date :30/03/2005
 (87) International Publication No :WO2005/098594 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GOOGLE INCAddress of Applicant :1600 AMPHITHEATRE PARKWAY
MOUNTAIN VIEW CALIFORNIA 94043 U.S.A.

(72)Name of Inventor :

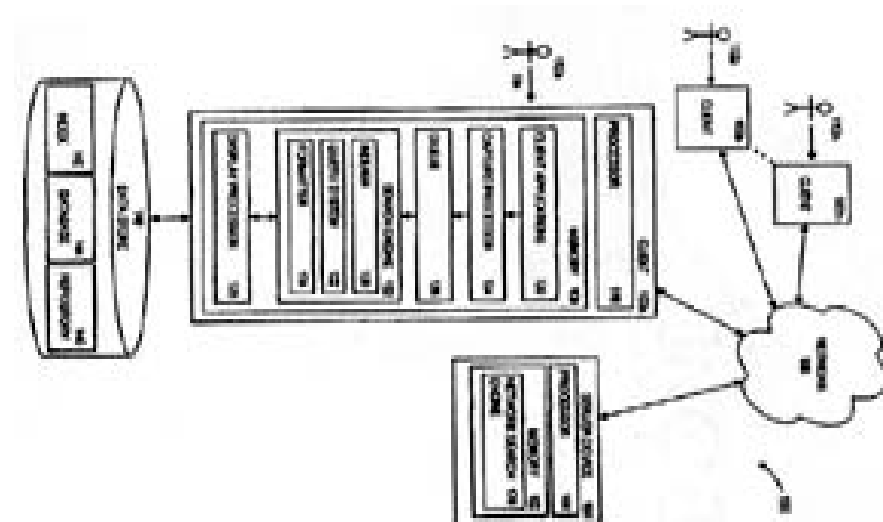
1)LAWRENCE STEPHEN R.**2)MARMAROS DAVID****3)WANG NINIANE****4)KHAN OMAR HABIB****5)IONESCU MIHAI FLORIN**

No of Pages : 46

No of Claims : 52

(57) Abstract :

Systems and methods that identify and extract information from articles are described. In one embodiment, a search engine implements a method comprising capturing an event in real time upon the occurrence of the event, wherein the event comprises a user interaction with an article on a client device, wherein the article is capable of being associated with at least one of a plurality of client applications, determining if the event should be indexed, and if the event should be indexed, indexing the event and storing the event and at least a portion of content associated with the article.



(54) Title of the invention : A DEVICE FOR OPENING FLEXIBLE CONTAINERS.

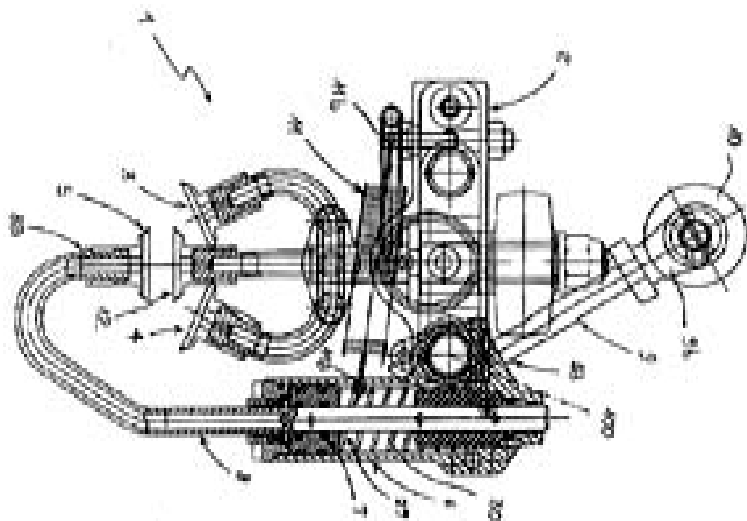
(51) International classification	:B65B43/30; B65B43/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH& CO.BETRIEBS KG
(32) Priority Date	:NA	Address of Applicant :RUDOLF-WILD-STRASSE 107-115 69214,EPPELHEIM Germany
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/IT2004/000210	1)FURLOTTI,FILIPPO
Filing Date	:14/04/2004	
(87) International Publication No	:WO2005/100164 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

A device for opening flexible containers, comprising first grip means (3, 4) active on a first portion of a container and second grip means (5) active on a second portion of the container which faces said first portion and co-operating with said first grip means (3, 4) to move said first and second portion away from each other. In operative conditions, the container is interposed between said first and said second gripping means (3, 4; 5). In new and original fashion, said second grip means (5), are movable between at least one operative configuration in which the container is interposed between said first and said second grip means (3, 4; 5) and at least one resting configuration in which the container is not interposed between said first and said second grip means (3, 4; 5), as a consequence of a movement of said second grip means (5). In particular, said first and second grip means comprise suction cups (3, 4; 5).



(54) Title of the invention : POWER GENERATION SYSTEM.

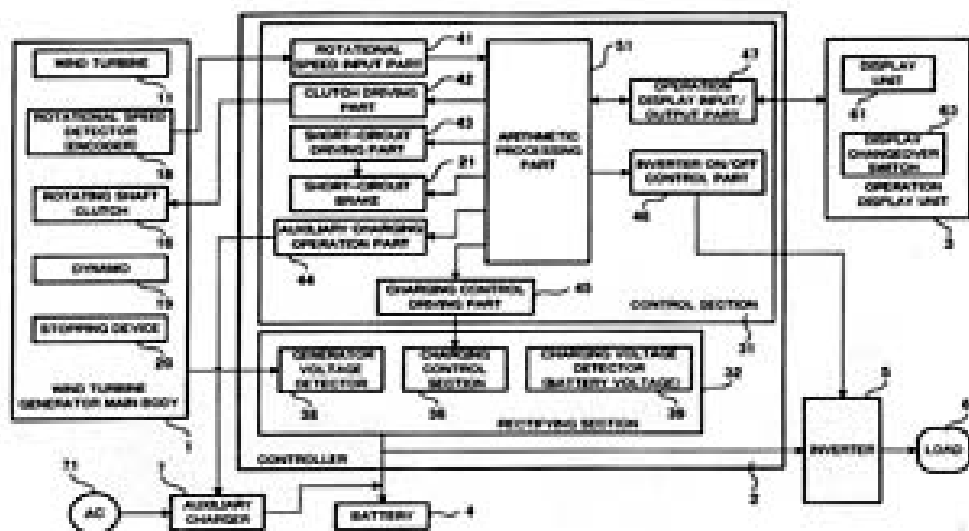
(51) International classification	:F03D7/04; F03D9/00	(71)Name of Applicant :
(31) Priority Document No	:2004-074669	1)SHINKO ELECTRIC CO.,LTD
(32) Priority Date	:16/03/2004	Address of Applicant :1-30,SHIBADAIMON 1-CHOME,MINATO-KU TOKYO 1058564 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/004515	1)OKUBO,KAZUO
Filing Date	:15/03/2005	2)MORITA,MASAMI
(87) International Publication No	:WO2005/088828	3)NAKANO.KATSUYOSHI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 6

(57) Abstract :

To reduce component costs and always detect wind power even when a wind mill (11) is forcibly braked. A power generation system comprising a wind mill (11) for generating a drive force by being rotated by wind power, a generator (19) for generating power by being operated by the drive force of the wind mill (11), a shortcircuit braking device (21) for switching the output side of the generator (19) between an output state and a shortcircuit state, a rotation speed input unit (41) and a processing unit (51) for recognizing, based on the rotation speed of the wind mill (11) in an output state and the rotation speed of the wind mill (11) in a shortcircuit state, the scale of a wind power in the both states, and a processing unit (51) for judging whether to switch the generator (19) to an output state or to a shortcircuit state based on the rotation speed of the wind mill (11) and for switch-controlling the shortcircuit braking device (21) based on the judged result.



PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents Under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form-14 under rule 85 of the Patents Rule, 2003.

PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APP. OFFICE
189543	Da La Rue Giori SA.	An apparatus for Quality Control of Printed Sheets.	12/04/2004	Delhi

PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT

Following Patents have been granted and any person interested in opposing these patents Under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office on the prescribed form 7 along with written statement and evidence if any.

SL. NO	Patent Numbers	Applica-tion Number	Date of Applica-tion	Date of Priority	Title of Invention	Name of Patentee	Date of Publica-tion of Abstract u/s 11(A)	Appro-priate Office
1	189466	1391/CAL/1996	5/8/1996	4/8/1995	DOOR FOR A REFRIGERATOR HAVING ROTATABLE POCKETS	DAEWOO ELECTRONICS CO. LTD.	1/3/2003	KOLKATA
2	207196	00177/KOLNP/2003	13/02/2003	29/09/2000	" PROCESS FOR THE PREPARATION OF N-1 PROTECTED N RING NITROGEN CONTAINING CYCLIC POLYAMINES AND NOVEL INTERMEDIATES".	ANORMED INC	11/3/2005	KOLKATA
3	207197	617/KOLNP/2003	14/05/2003	15/12/2000	MICROELECTRONIC PACKAGE HAVING BUMPLESS LAMINATED INTERCONNECTION LAYER	INTEL CORPORATION	17/03/2006	KOLKATA
4	207198	IN/PCT/2001/00049/KOL	12/1/2001	13/05/1999	"A SYSTEM AND METHOD FOR MEASURING AN ABILITY	ORDINATE CORPORATION	10/2/2006	KOLKATA
5	207199	IN/PCT/2001/00199/KOL	19/02/2001	2/2/1998	"PROCESS FOR CONTROLLING AND MONITORING A TECHNICAL TRAFFIC SYSTEM"	SIEMENS SCHWEIZ AG., SWITZERLAND	10/3/2006	KOLKATA
6	207200	IN/PCT/2001/00274/KOL	8/3/2001	8/9/1998	MICROBIAL PROCESS FOR THE PREPARATION OF ACETIC ACID AS WELL AS SOLVENT FOR ITS EXTRACTION FROM THE FERMENTATION BROTH	BIOENGINEERING RESOURCES, INC.	10/2/2006	KOLKATA
7	207201	IN/PCT/2001/00277/KOL	8/3/2001	12/8/1998	"VESSEL FOR WITHDRAWING BLOOD"	PREANALYTIX GMBH FELDBACHSTRASSE	7/4/2006	KOLKATA
8	207202	IN/PCT/2001/00922/KOL	6/9/2001	11/3/1999	A METHOD FOR COMMUNICATING MESSAGES	THOMSON LICENSING S.A.	7/4/2006	KOLKATA
9	207203	IN/PCT/2001/01373/KOL	28/12/2001	9/8/1999	"ELECTRIC AXIAL FLOW MACHINE"	PERM MOTOR GMBH,	3/3/2006	KOLKATA
10	207204	IN/PCT/2001/1123/KOL	29/10/2001	29/04/1999	"APPARATUS FOR BINDING A BOOK BLOCK AND A COVER AND A METHOD OF MANUFACTURING A BOUND BOOK"	MARSH JEFFREY D	3/2/2006	KOLKATA

11	207205	IN/PCT/2002/00090/KOL	21/01/2002	10/8/1999	ADHESIVE COMPOSITION COMPRISING THERMOPLASTIC POLYESTER AND TRAPPED GAS BUBBLES	BAIN PETER STEWART	3/2/2006	KOLKATA
12	207206	IN/PCT/2002/00230/KOL	14/02/2002	7/9/1999	"METHOD FOR SYNTHESISING METHANOL"	UHDE GMBH., GERMANY, FRIEDRICH-UHDE-STRASSE	17/02/2006	KOLKATA
13	207207	IN/PCT/2002/00273/KOL	22/02/2002	10/8/1999	HIGH-STRENGTH POLYESTER FILAMENTS AND PROCESS FOR THE PRODUCTION THEREOF	ZIMMER AKTIENGESLLSCHAFT, ROHM GMBH & CO. KG,	3/2/2006	KOLKATA
14	207208	IN/PCT/2002/00297/KOL	1/3/2002	5/8/1999	"METHOD AND DEVICE FOR AMPLIFYING TARGET NUCLEIC ACID MOLECULE IN A SAMPLE"	ASP DIAGNOSTICS PTY LTD.	17/02/2006	KOLKATA
15	207209	IN/PCT/2002/00700/KOL	23/05/2002	7/12/1999	"A PROCESS FOR RECLAIMING HALOGENATED RESIDUES AND AN INSTALLATION THEREOF"	ATOFINA	11/3/2005	KOLKATA
16	207210	IN/PCT/2002/00804/KOL	17/06/2002	30/12/1999	DATA CARRIER WITH A SECURITY IMAGE, A PRINTING PLATE THEREFOR AND A METHOD FOR PRODUCTION OF A SECURITY ELEMENT.	GIESECKE & DEVRIENT GMBH	3/2/2006	KOLKATA
17	207211	IN/PCT/2002/00828/KOL	20/06/2002	23/12/1999	"A PROCESS FOR THE HEAT TREATMENT OF AGE-HARDENABLE ALUMINIUM ALLOYS".	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION,	3/2/2006	KOLKATA
18	207212	IN/PCT/2002/01488/KOL	3/12/2002	15/06/2000	METHOD AND APPARATUS FOR REDUCTION OF INTERFERENCE IN FM IN-BAND ON-CHANNEL DIGITAL AUDIO BROADCASTING RECEIVERS	IBIQUITY DIGITAL CORPORATION	11/3/2005	KOLKATA
19	207213	00495/KOLNP/2003	22/04/2003	8/11/2000	"METHOD AND DEVICE FOR MANUFACTURING SHEETS OF PLASTERBOARD.	LAFARGE PLATRES	27/01/2006	KOLKATA
20	207214	00884/CAL/1999	4/11/1999	13/11/1998	AN IMPROVED METHOD FOR CONTROLLING A VEHICULAR DRIVE LINE SYSTEM AND AN IMPROVED VEHICULAR DRIVE LINE SYSTEM.	EATON CORPORATION	3/3/2006	KOLKATA
21	207215	01064/KOLNP/2005	3/6/2005	13/01/2003	MACHINE FOR FORMING CAPS BY COMPRESSION MOLDING	SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA	9/6/2006	KOLKATA

22	207216	IN/PCT/2000/00060/KOL	2/6/2000	17/12/1997	GLASS YARN COATED WITH A SIZING COMPOSITION	VITROTEX FRANCE ,	20/01/2006	KOLKATA
23	207217	IN/PCT/2001/00129/KOL	1/2/2001	10/8/1998	A METHOD OF PREPARING A GREEN SHADE YELLOW PIGMENT COMPOSITION	ENGELHARD CORPORATION	3/2/2006	KOLKATA
24	207218	IN/PCT/2001/00218/KOL	23/02/2001	16/09/1998	"A METHOD OF CO ORDINATING THE TASKS IN ADD-ON AND CORE SOFTWARE AND A METHOD OF INTEGRATING AN ADD-ON SOFTWARE TASK WITH A CORE SOFTWARE TASK"	INTEL CORPORATION	16/12/2005	KOLKATA
25	207219	IN/PCT/2001/01034/KOL	4/10/2001	14/04/1999	METHOD AND MACHINE FOR UNRAVELING KNITTED FABRICS	AGRIKLI MEHMET	16/12/2005	KOLKATA
26	207220	IN/PCT/2001/01148/KOL	2/11/2001	29/04/1999	A METHOD FOR SYNCHRONIZING A BASE STATION WITH A MOBILE STATION AND A BASE STATION AND A MOBILE STATION THEREFOR	SIEMENS AKTIENGESELLSCHAFT	3/2/2006	KOLKATA
27	207221	IN/PCT/2002/00167/KOL	1/2/2002	19/05/2000	"A DEVICE FOR MOVING AND ORIENTING SPRAYING NOZZLES IN A COATING PAN".	G.S.S.R.L. COATING SYSTEM	27/01/2006	KOLKATA
28	207222	IN/PCT/2002/00198/KOL	7/2/2002	28/06/2000	FILLED WIRE FOR INTRODUCING ADDITIVES INTO A MOLTEN METAL BATH	AFFIVAL S.A .,	27/01/2006	KOLKATA
29	207223	IN/PCT/2002/00235/KOL	18/02/2002	18/08/1999	A CIRCUIT INTERRUPTER DEVICE	EATON CORPORATION	27/01/2006	KOLKATA
30	207224	IN/PCT/2002/00858/KOL	25/06/2002	15/01/2000	PROCESS OF DISCONTINUOUS POLYCONDENSATION AND STIRRING REACTOR THEREFORE	ZIMMER AG.,,	3/2/2006	KOLKATA
31	207225	IN/PCT/2002/00928/KOL	17/07/2002	21/12/1999	"A STRUCTURE FOR AN ELECTROSTATIC V-BANK AIR FILTER"	ENGINEERING DYNAMICS LTD.	6/1/2006	KOLKATA
32	207226	00200/KOLNP/2004	16/02/2004	16/07/2001	FLAME RETARDANT FOR POLY MERIC MATERIALS	ISLE FIRESTOP LIMITED	27/01/2006	KOLKATA
33	207227	00557/KOLNP/2005	4/4/2005	6/9/2002	A PROCESS FOR PRODUCING AN AMINOALKYLSULFONIC ACID AND A METHOD OF PREPARING A SALT THEREOF"	WAKO PURE CHEMICAL INDUSTRIES, LTD	24/03/2006	KOLKATA
34	207228	01126/KOLNP/2004	9/8/2004	15/01/2002	SPATIAL FIELD EFFECT PHYSICAL THERAPY DEVICE	ZHENG JIBING ZHENG, JIBING	24/02/2006	KOLKATA

35	207229	1037/CAL/1996	5/6/1996	8/6/1995	A METHOD FOR MAKING A SUPPOSITORY IN A UNIT-DOSE APPLICATOR.	ORTHO PHARMACEUTICAL CORPORATION,	10/6/2005	KOLKATA
36	207230	IN/PCT/2002/00078/KOL	16/01/2002	19/07/1999	MULTIFOCAL OPHTHALMIC LENSES	JOHNSON & JOHNSON VISION CARE,INC	17/02/2006	KOLKATA