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Un organisme  
d'Industrie Canada



# The Patent Office Record

# La Gazette du Bureau des brevets

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Canada

CIPO  OPIC

# THE PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

# Avis

## 1. Dates et chiffres de code figurant à l'entête des brevets

### Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Code

A complete list of country codes has been published in the issue of April 27, 2004 and will be published twice a year in the last issues of April and October.

### 3. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$1 per page by visiting [www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document,	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

### 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

### 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 27 avril 2004 et sera republiée deux fois par année dans le dernier numéro des mois d'avril et d'octobre.

### 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site web au [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A OC9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur	10 \$

### 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

### 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## Notices

### 6. Licensing of Patents

#### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

#### Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

### 7. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the *Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

### 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

**2,127,159**

**2,145,858**

**2,231,810**

**2,306,928**

### 6. Octroi de licences en vertu des brevets

#### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

#### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

### 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

### 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

**2,127,159**

**2,145,858**

**2,231,810**

**2,306,928**

## Avis

### 9. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

### 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

### 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

### 10. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## Notices

### **11. PATENT COOPERATION TREATY (PCT)**

#### **SCHEDULE OF FEES APPLICABLE FROM MAY 1, 2004**

**1. Transmittal Fee (Rule 14)**

**\$300.00**

**2.\*International Filing Fee**

**\$1489.00**

Amount for each additional sheet over 30

**\$16.00**

**3. International Search Fee**

**\$2520.00**

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

**5. Late Payment Fee**

**50% of the fees that are due, or,  
Minimum: Transmittal Fee**

**Maximum: International Filing Fee  
Preliminary Examination**

**6. Handling Fee (Rule 57.2(a))**

**129 Euro**

**7. Preliminary Examination Fee**

(Rule 58)

**1530 Euro**

The Preliminary Examination Fees are payable in Euros and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will **NOT** consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

\* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE\*\*

\*\* PCT-SAFE is replacing PCT-EASY.

### **11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)**

#### **BARÈME DE TAXES À PARTIR DU 1 MAI 2004**

**1. Taxe de transmission (Règle 14)**

**300,00 \$**

**2.\*Taxe de dépôt internationale (Règle 15.2(a))**

**1489,00 \$**

Montant pour chaque feuille au delà de 30

**16,00 \$**

**3.Taxe de recherche internationale**

**2520.00 \$**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

**5. Taxe pour paiement tardif 50% du montant impayé, ou,**

**Minimum: taxe de transmission**

**Maximum: taxe de base**

**Examen préliminaire**

**6. Taxe de traitement**

**129 Euro**

**7. Taxe d'examen préliminaire**

**1530 Euro**

(Règle 58)

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets **ne** considérera **pas** les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

\* Les frais seront réduit de **106\$** pour toutes les demandes déposées en utilisant PCT-SAFE\*\*

\*\* PCT-SAFE remplacera PCT-EASY.

## Avis

### 12. PCT notices

#### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

### 12. Avis PCT

#### Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

### Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

#### Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

### 13. Canadian Laid-Open Applications

The *Canadian Patent Office Record* of May 25, 2004 contains laid-open applications from May 2, 2004 - May 8, 2004

### 13. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 2 mai 2004 - 8 mai 2004

# Canadian Patents Issued

May 25, 2004

## Brevets canadiens délivrés

25 mai 2004

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[11] 2,029,419

[13] C

[51] Int.Cl. 5C07D 311/80 5A61K 31/35  
[25] EN  
[54] NMDA-BLOCKING PHARMACEUTICAL COMPOSITIONS  
[54] COMPOSITIONS PHARMACEUTIQUES BLOQUANT LE NMDA  
[72] KLOOG, YOEL, IL  
[72] FEIGENBAUM, JEFFERY J., US  
[72] MECHOULEM, RAPHAEL, IL  
[72] SOKOLOWSKY, MORDECHAI, IL  
[72] BENITA, SIMON, IL  
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY IN JERUSALEM, IL  
[73] RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH AND INDUSTRIAL DEVELOPMENT LTD., IL  
[22] 1990-11-07  
[30] IL (92238) 1989-11-07

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[11] 2,046,337

[13] C

[51] Int.Cl. 5A61M 37/00  
[25] EN  
[54] IMPROVED TRANSDERMAL SYSTEM FOR THE ADMINISTRATION OF PHARMACOLOGICAL COMPOUNDS UNDER PH-CONTROLLED CONDITIONS  
[54] SYSTEME TRANSDERMIQUE AMELIORE POUR L'ADMINISTRATION DE COMPOSES PHARMACOLOGIQUES DANS DES CONDITIONS DE PH CONTROLE  
[72] GUPTA, ARUN RAJARAM, DE  
[72] ROHR, UWE, DE  
[72] ZIERENBERG, BERND, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 1991-07-31  
[86] 1990-11-29 (PCT/EP1990/002052)  
[87] (WO1991/007998)  
[30] DE (P 39 39 703.3) 1989-12-01

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[11] 2,048,172

[13] C

[51] Int.Cl. 5C07C 311/19 5C07D 237/04  
5C07D 257/04 5C08B 37/16 5C07D 295/185  
5A61K 31/195 5C07C 311/29 5A61K 31/33  
5C07D 333/34 5C07D 215/36 5C07D 307/64 5C07D 233/84  
[25] FR  
[54] SULFONAMIDES SUBSTITUES, PROCEDES DE PREPARATION ET MEDICAMENTS LES CONTENANT  
[54] SUBSTITUTED SULFONAMIDS, PREPARATION PROCESSES AND DRUGS CONTAINING SAME  
[72] LARDY, CLAUDE, FR  
[72] GUERRIER, DANIEL, FR  
[72] CHAVERNAC, GILLES, FR  
[72] COLLONGES, FRANCOIS, FR  
[73] LIPHA, FR  
[22] 1991-07-30  
[30] FR (90 09 737) 1990-07-31

---

[11] 2,054,360

[13] C

[51] Int.Cl. 5H04N 5/782  
[25] EN  
[54] APPARATUS FOR RECORDING AND REPRODUCING DIGITAL PICTURE DATA  
[54] APPAREIL D'ENREGISTREMENT ET DE LECTURE DE DONNEES D'IMAGERIE NUMERIQUE  
[72] SENSHU, YOICHIROU, JP  
[72] UETAKE, AKIHIRO, JP  
[72] HASEGAWA, SHINICHI, JP  
[72] KUBOTA, YUKIO, JP  
[73] SONY CORPORATION, JP  
[22] 1991-10-28  
[30] JP (294671/90) 1990-10-31

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[11] 2,061,656

[13] C

[51] Int.Cl. 5B65G 47/46  
[25] EN  
[54] SEGMENTED PUSHER CONTROL FOR CONVEYING SYSTEM  
[54] COMMANDE A POUSSOIR SEGMENTEE POUR SYSTEME DE TRANSPORT  
[72] NITSCHKE, MICHAEL L., US  
[72] SHEARER, JAMES T. JR., US  
[73] MANNESMANN AG, DE  
[22] 1992-02-21  
[30] US (686,741) 1991-03-29

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[11] 2,063,347

[13] C

[51] Int.Cl. 5B29D 30/46  
[25] EN  
[54] APPARATUS FOR BUTT SPLICING PLY STOCK  
[54] DISPOSITIF D'ASSEMBLAGE EN BOUT D'UN MATERIAU COMPORTANT DES PLIS  
[72] HART, MARY BETH, US  
[72] NASH, RICHARD BENSON, US  
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1992-03-18  
[30] US (817,226) 1992-01-06

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[11] 2,071,247

[13] C

[51] Int.Cl. 5F27B 3/24  
[25] EN  
[54] END CAP FOR COOLING COILS OF AN ELECTRIC ARC FURNACE  
[54] CAPUCHON D'EXTREMITE POUR SERPENTIN DE REFROIDISSEMENT DE FOUR A ARC ELECTRIQUE  
[72] JOHNSON, ERIC N., US  
[72] JOHNSON, ROGER E., US  
[72] JOHNSON, CRAIG S., US  
[73] J. T. CULLEN CO., INC., US  
[22] 1992-06-15  
[30] US (07/733,431) 1991-07-22

**Canadian Patents Issued**  
**May 25, 2004**

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[11] **2,072,164**  
[13] C

[51] Int.Cl. 5F16L 33/00  
[25] EN  
[54] CONNECTION FOR FLEXIBLE AND STRETCHABLE TUBES, ESPECIALLY SILICON TUBES  
[54] RACCORD POUR TUBES SOUPLES ET ETIRABLES, NOTAMMENT DES TUBES EN SILICONE  
[72] OETIKER, HANS, CH  
[72] BADERTSCHER, EMIL, US  
[73] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH  
[22] 1992-06-23  
[30] US (735,934) 1991-07-25

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[11] **2,073,139**  
[13] C

[51] Int.Cl. 5B01F 5/00  
[25] EN  
[54] METHOD AND APPARATUS FOR TREATING FLUENT MATERIALS  
[54] METHODE ET APPAREIL SERVANT A TRAITER DES MATERIAUX FLUIDES  
[72] HIDALGO, OSCAR MARIO GUAGNELLI, MX  
[73] HIDALGO, OSCAR MARIO GUAGNELLI, MX  
[22] 1992-07-07  
[30] MX (9100106) 1991-07-08  
[30] US (07/906,153) 1992-06-29

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[11] **2,076,939**  
[13] C

[51] Int.Cl. 5A61C 8/00  
[25] EN  
[54] ANCHORING MEMBER  
[54] DISPOSITIF D'ANCRAGE  
[72] JORNEUS, LARS, SE  
[72] BOSS, ANDERS, SE  
[73] NOBELPHARMA AB, SE  
[22] 1992-08-26  
[30] SE (9102451-3) 1991-08-27

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[11] **2,078,276**  
[13] C

[51] Int.Cl. 5D21C 9/153 5D21C 9/10  
[25] EN  
[54] RECOVERY OF OXYGEN-RICH GAS FROM OZONE BLEACHING PROCESSES  
[54] PROCEDE DE RECUPERATION DE GAZ A TENEUR ELEVEE EN OXYGENE A PARTIR DE PROCEDES DE BLANCHIMENT PAR L'OZONE  
[72] HORNSEY, DEREK, CA  
[72] HOMER, GORDON H., CA  
[72] AYTON, JOHN R., CA  
[73] CANADIAN LIQUID AIR LTD./ AIR LIQUIDE CANADA LTEE., CA  
[22] 1992-09-15

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[11] **2,078,898**  
[13] C

[51] Int.Cl. 5C23F 11/10 5C09K 5/00  
[25] EN  
[54] COMBINATIONS OF ALKANOIC HYDROCARBYL DICARBOXYLIC AND CARBOCYCLIC ALKANOIC ACIDS OR SALTS USEFUL AS HEAT TRANSFER FLUID CORROSION INHIBITORS  
[54] COMBINAISONS D'ACIDES ALCANOIQUES HYDROCARBYLIQUES DICARBOXYLIQUES ET D'ACIDES ALCANOIQUES CARBOCYCLIQUES OU DE LEURS SELS, UTILES COMME AGENTS ANTICORROSION DANS LES FLUIDES DE TRANSFERT THERMIQUE  
[72] MILLER, DAVID L., US  
[72] BENAC, BRIAN L., US  
[72] KNIFTON, JOHN F., US  
[73] TEXACO DEVELOPMENT CORPORATION, US  
[22] 1992-09-23  
[30] US (07/892,875) 1992-06-03

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[11] **2,081,935**  
[13] C

[51] Int.Cl. 5C07D 213/82 5A01N 43/02  
5C07D 327/06 5C07D 231/14 5A01N 37/22  
5C07D 309/28 5C07D 263/34 5A01N 43/40  
5C07D 277/56 5C07C 233/65 5C07D 307/68 5A01N 43/74  
[25] EN  
[54] ANILIDE DERIVATIVES AND THEIR USE FOR COMBATING BOTRYTIS  
[54] DERIVES D'ANILIDE ET LEUR EMPLOI CONTRE BOTRYTIS  
[72] EICKEN, KARL, DE  
[72] GOETZ, NORBERT, DE  
[72] HARREUS, ALBRECHT, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] LORENZ, GISELA, DE  
[72] RANG, HARALD, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1992-11-02  
[30] DE (P 41 38 387.7) 1991-11-22  
[30] DE (P 42 04 764.1) 1992-02-18  
[30] DE (P 42 04 766.8) 1992-02-18  
[30] DE (P 42 04 767.6) 1992-02-18  
[30] DE (P 42 04 768.4) 1992-02-18

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[11] **2,082,224**  
[13] C

[51] Int.Cl. 5A61B 17/00  
[25] EN  
[54] OCCLUDER AND METHOD FOR REPAIR OF CARDIAC AND VASCULAR DEFECTS  
[54] DISPOSITIF D'OCCLUSION ET METHODE DE REPARATION DES ANOMALIES CARDIAQUES ET VASCULAIRES  
[72] LOCK, JAMES E., US  
[72] DAVIS, RUDY, US  
[72] DUVAL, GEORGE, US  
[73] THE CHILDREN'S MEDICAL CENTER CORPORATION, US  
[22] 1992-11-05  
[30] US (07/787,940) 1991-11-05

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[11] 2,082,590  
[13] C

[51] Int.Cl. 5B05C 11/02  
[25] EN  
[54] EPOXY FLOOR ROLLER TOOL  
AND METHOD OF MAKING SAME  
[54] ROULEAU APPLICATEUR DE  
REVETEMENT DE SOL A BASE DE  
RESINE EPOXY ET METHODE DE  
FABRICATION DE CELUI-CI  
[72] JACOBS, WILLIAM A., US  
[72] CAMP, WILLIAM P., JR., US  
[73] THE WOOSTER BRUSH COMPANY,  
US  
[22] 1992-11-10  
[30] US (07/810,105) 1991-12-19

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[11] 2,083,103  
[13] C

[51] Int.Cl. 5C08L 75/04 5C09D 175/04  
5C09D 151/08 5C08L 51/08  
[25] EN  
[54] BINDER COMPOSITION AND ITS  
USE FOR THE PRODUCTION OF  
COATING OR SEALING  
COMPOSITIONS  
[54] MELANGE LIANT ET SON  
UTILISATION DANS LA PRODUCTION  
DE MELANGES ENROBANTS OU  
ETANCHEISANTS  
[72] SCHNEIDER, VOLKER, DE  
[72] BLUM, HARALD, DE  
[72] KUBITZA, WERNER, DE  
[72] PROBST, JOACHIM, DE  
[73] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1992-11-17  
[30] DE (P 41 37 896.2) 1991-11-18

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[11] 2,083,759  
[13] C

[51] Int.Cl. 5B25G 3/30 5A47L 13/24  
[25] EN  
[54] CONNECTOR FOR DETACHABLY  
CONNECTING A SHAFT TO AN  
IMPLEMENT  
[54] ORGANE D'ASSEMBLAGE  
PERMETTANT D'ENLEVER LE  
DISPOSITIF RELIE A L'ARBRE  
[72] YOUNG, RONALD ALEXANDER, GB  
[73] SCOT YOUNG RESEARCH LIMITED,  
GB  
[22] 1992-11-25  
[30] GB (9125324.5) 1991-11-28

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[11] 2,084,236  
[13] C

[51] Int.Cl. 5B62D 21/04 5B62D 21/18  
[25] EN  
[54] OFF-HIGHWAY TRUCK FRAME  
[54] CHASSIS POUR CAMION HORS-  
ROUTE  
[72] KUNZ, JAMES FREDERICK, US  
[72] ORTH, EDWARD GEORGE, US  
[73] KOMATSU DRESSER COMPANY,  
US  
[22] 1992-12-01  
[30] US (849,955) 1992-03-12

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[11] 2,084,389  
[13] C

[51] Int.Cl. 5B65D 55/02 5B65D 51/14  
[25] EN  
[54] TAMPER EVIDENT CONTAINER  
CLOSURE  
[54] COUVERCLE DE SECURITE POUR  
CONTENANT  
[72] KELLER, ROBERT G., US  
[73] CPC INTERNATIONAL INC., US  
[22] 1992-12-02  
[30] US (07/812,737) 1991-12-23

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[11] 2,088,707  
[13] C

[51] Int.Cl. 5B23K 35/363  
[25] EN  
[54] BRAZING AGENT AND A  
BRAZING SHEET BOTH COMPRISING  
AN ALUMINUM ALLOY CONTAINING  
A FLUX  
[54] PRODUIT D'APPORT ET METAL  
D'APPORT EN FEUILLES COMPOSES  
D'UN ALLIAGE D'ALUMINIUM  
COMPRENANT UN FLUX  
[72] IWAI, ICHIRO, JP  
[73] SHOWA DENKO K.K., JP  
[22] 1993-02-03

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[11] 2,089,937  
[13] C

[51] Int.Cl. 5F24F 13/16 5F24F 13/18  
[25] EN  
[54] VENTILATOR  
[54] VENTILATEUR  
[72] STONEY, ARTHUR, GB  
[72] BURT, ARTHUR JOHN, GB  
[73] TITON HARDWARE LIMITED, GB  
[22] 1993-02-19  
[30] GB (9203720.9) 1992-02-21

[11] 2,091,712  
[13] C

[51] Int.Cl. 5A61K 33/40  
[25] EN  
[54] USE OF A CHEMICALLY-  
STABILISED CHLORITE MATRIX FOR  
THE PARENTERAL TREATMENT OF  
HIV INFECTIONS  
[54] UTILISATION D'UNE MATRICE  
DE CHLORITE STABILISEE  
CHIMIQUEMENT POUR LE  
TRAITEMENT PARENTERAL DES  
INFECTIONS A VIH  
[72] KUHNE, FRIEDRICH W., DE  
[73] OXO CHEMIE AG, CH  
[22] 1993-03-16  
[30] DE (P 42 08 828.3) 1992-03-19

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[11] 2,092,609  
[13] C

[51] Int.Cl. 5G01K 7/16  
[25] EN  
[54] ELECTRICAL IMPEDANCE  
DETECTOR FOR MEASUREMENT OF  
PHYSICAL QUANTITIES  
[54] DETECTEUR D'IMPEDANCE  
ELECTRIQUE PERMETTANT DE  
MESURER DES QUANTITES  
PHYSIQUES  
[72] TURTIAINEN, HEIKKI, FI  
[73] VAISALA OY, FI  
[22] 1993-03-12  
[30] FI (921449) 1992-04-01

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[11] 2,092,741  
[13] C

[51] Int.Cl. 5H01B 17/16  
[25] EN  
[54] IN-LINE ISOLATOR  
[54] ISOLATEUR EN LIGNE  
[72] LARICCHIA, ROCCO VALENTINO,  
CA  
[72] CACHIA, EDGAR CHARLES, CA  
[72] COLE, RANDAL THOMAS, CA  
[72] HILL, EDWARD C., CA  
[73] THE WHITAKER CORPORATION,  
US  
[22] 1993-03-26

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[11] **2,097,547**  
 [13] C

[51] Int.Cl. 5H02J 1/00  
 [25] EN  
**[54] APPARATUS AND METHOD FOR FORCED SHARING OF PARALLEL MOSFET SWITCHING LOSSES**  
**[54] DISPOSITIF ET METHODE DE REPARTITION FORCEE DES PERTES DE COMMUTATION PAR MOSFET EN PARALLELE**  
 [72] DONALDSON, SCOTT B., US  
 [73] KOLLMORGEN CORPORATION, US  
 [22] 1993-06-02  
 [30] US (905,252) 1992-06-26

[11] **2,097,564**  
 [13] C

[51] Int.Cl. 5H04L 12/66  
 [25] EN  
**[54] METHOD OF COUPLING OPEN SYSTEMS TO A PROPRIETARY NETWORK**  
**[54] METHODE POUR COUPLER LES SYSTEMES OUVERTS AUX RESEAUX PRIVES**  
 [72] PHILLIPS, DAVID L., US  
 [72] KAHN, WAYNE C., US  
 [72] RODRIGO, TINA MARIE, US  
 [72] CLAWSON, LAURENCE ARTHUR, US  
 [72] STAGGS, KEVIN PAUL, US  
 [73] HONEYWELL INC., US  
 [22] 1993-06-02  
 [30] US (07/899,442) 1992-06-16

[11] **2,097,785**  
 [13] C

[51] Int.Cl. 5B65D 55/06 5B65D 53/00  
 [25] EN  
**[54] TAMPER EVIDENT SEAL**  
**[54] FERMETURE INVIOABLE**  
 [72] GAETA, STEPHEN A., US  
 [73] CPC INTERNATIONAL INC., US  
 [22] 1993-06-04  
 [30] US (894,492) 1992-06-05

[11] **2,098,351**  
 [13] C

[51] Int.Cl. 5E01B 29/06  
 [25] EN  
**[54] MACHINE FOR RENEWING OR LAYING A RAILWAY TRACK**  
**[54] MACHINE SERVANT A INSTALLER DES RAILS OU A REPARER LA VOIE FERREE**  
 [72] THEURER, JOSEF, AT  
 [72] BRUNNINGER, MANFRED, AT  
 [73] FRANZ PLASSER BAHNBAUMASCHINEN- INDUSTRIESELSCHAFT M.B.H., AT  
 [22] 1993-06-14  
 [30] DE (G 93 05 927.2) 1993-04-20

[11] **2,101,871**  
 [13] C

[51] Int.Cl. 5A61K 31/505 5A61K 9/70  
 [25] FR  
**[54] PREPARATION PHARMACEUTIQUE TRANSDERMIQUE**  
**[54] TRANSDERMIC PHARMACEUTICAL PREPARATION**  
 [72] ANDRIEU, VERONIQUE, FR  
 [72] HENRION, LOUIS, FR  
 [72] MONTEL, JEAN, FR  
 [72] WICK, ALEXANDER, FR  
 [73] SANOFI-SYNTHELABO, FR  
 [22] 1993-08-04  
 [30] FR (92 09711) 1992-08-05

[11] **2,100,533**  
 [13] C

[51] Int.Cl. 5G06F 15/22  
 [25] EN  
**[54] METHOD AND SYSTEM FOR SYNCHRONIZING COMPUTER MAIL USER DIRECTORIES**  
**[54] METHODE ET SYSTEME DE SYNCHRONISATION DE REPERTOIRES D'UTILISATEURS DE COURRIER ELECTRONIQUE INFORMATISE**  
 [72] LEE, DUNCAN WAYNE, CA  
 [72] LEDSOME, MARK, US  
 [73] MICROSOFT CORPORATION, US  
 [22] 1993-07-14  
 [30] US (08/081,444) 1993-06-22

[11] **2,102,851**  
 [13] C

[51] Int.Cl. 5A61B 6/00  
 [25] EN  
**[54] BODY SCANNING SYSTEM**  
**[54] SYSTEME DE BALAYAGE DE CORPS HUMAINS**  
 [72] HAMMOND, DAVID JAMES, ZA  
 [72] SINGER, MICHAEL WILLIAM NAUGHTEN, GB  
 [72] GLATTHAAR, RUDOLF WILHELM, ZA  
 [72] LANIEWSKI, GERHARD, ZA  
 [72] SURUJHLAL, SUDHIR NUNDHLAL, ZA  
 [72] DE BEER, FORRESTER DANIEL, ZA  
 [72] ROOS, PIETER GERHARD, ZA  
 [73] DEBEX (PROPRIETARY) LIMITED, ZA  
 [22] 1993-11-10  
 [30] GB (9223818.7) 1992-11-13

[11] **2,100,552**  
 [13] C

[51] Int.Cl. 5C07F 9/58 5C08G 69/00  
 [25] EN  
**[54] PREPARATION OF 2-(PYRIDYL)ETHYL SUBSTITUTED PHOSPHOROUS COMPOUNDS**  
**[54] PREPARATION DE COMPOSES PHOSPHOREUX A SUBSTITUANT 2-(PYRIDYL)ETHYLE**  
 [72] THORN, DAVID LINCOLN, US  
 [72] WEBSTER, OWEN WRIGHT, US  
 [72] WHELAND, ROBERT CLAYTON, US  
 [73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
 [85] 1993-07-14  
 [86] 1992-01-02 (PCT/US1992/000009)  
 [87] (WO1992/012985)  
 [30] US (07/649,542) 1991-01-24

[11] **2,103,759**  
 [13] C

[51] Int.Cl. 5H01M 2/30  
 [25] EN  
**[54] HIGH TORQUE BATTERY TERMINAL AND METHOD OF MAKING SAME**  
**[54] BORNE POUR BATTERIE D'ACCUMULATEUR OFFRANT UNE GRANDE RESISTANCE AU COUPLE DE SERRAGE ET METHODE DE FABRICATION**  
 [72] RATTE, ROBERT W., US  
 [72] CAIN, RONALD, US  
 [72] PETERSON, NORMAN, US  
 [73] WATER GREMLIN COMPANY, US  
 [22] 1993-08-10  
 [30] US (07/940,391) 1992-09-03  
 [30] US (08/016,370) 1993-02-11  
 [30] US (08/029,869) 1993-03-11

Brevets canadiens délivrés  
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[11] 2,104,346  
[13] C

[51] Int.Cl. 5B21G 1/02  
[25] EN  
[54] NEEDLE BLANK FEEDING APPARATUS  
[54] APPAREIL D'ALIMENTATION EN EBAUCHES D'AIGUILLE  
[72] PROTO, GEORGE R., US  
[72] BUCHTER, MARK S., US  
[73] UNITED STATES SURGICAL CORPORATION, US  
[22] 1993-08-18  
[30] US (07/951,394) 1992-09-25

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[11] 2,107,239  
[13] C

[51] Int.Cl. 5D21B 1/08 5B02C 13/04  
[25] EN  
[54] METHOD FOR RECYCLING PLASTIC COATED PAPER PRODUCT WASTE AND POLYMERIC FILM  
[54] PROCEDE DE RECYCLAGE DES DECHETS DE PAPIER PLASTIFIE ET DES MEMBRANES DE POLYMER  
[72] BROOKS, JOE G., US  
[72] GOFORTH, BILLY D., US  
[72] GOFORTH, CHARLES L., US  
[72] BROOKS, J. DOUGLAS, US  
[73] ADVANCED ENVIRONMENTAL RECYCLING TECHNOLOGIES, INC., US  
[85] 1993-09-21  
[86] 1992-03-20 (PCT/US1992/002298)  
[87] (WO1992/016686)  
[30] US (672,832) 1991-03-21  
[30] US (854,231) 1992-03-20

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[11] 2,107,398  
[13] C

[51] Int.Cl. 5E03C 1/04 5F16K 11/00  
[25] EN  
[54] FAUCET DIVERTER VALVE  
[54] SOUPAPE DE ROBINET DE DERIVATION  
[72] PIPPEL, BRADLEY J., US  
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[22] 1993-09-30  
[30] US (977,161) 1992-11-16

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[11] 2,108,753  
[13] C

[51] Int.Cl. 5B65D 83/06  
[25] EN  
[54] A DISPOSABLE CARTRIDGE FOR USE IN MACHINES FOR EXTRACTION AND DISPENSING OF HOT DRINKS  
[54] CARTOUCHE JETABLE POUR MACHINES DISTRIBUTRICES DE BOISSONS CHAUDES  
[72] CORDONE, CARLO, IT  
[73] LUIGI LAVAZZA S.P.A., IT  
[85] 1993-10-19  
[86] 1993-03-02 (PCT/EP1993/000465)  
[87] (WO1993/017932)  
[30] IT (T092A000180) 1992-03-04

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[11] 2,108,840  
[13] C

[51] Int.Cl. 5A61K 7/13  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR TEMPORARILY COLORING HAIR USING CHEMICALLY SYNTHESIZED OR BIOSYNTHETIC WATER-SOLUBLE MELANIN  
[54] COMPOSITIONS ET METHODES DE COLORATION TEMPORAIRE DES CHEVEUX UTILISANT DE LA MELANINE HYDROSOLUBLE DE SYNTHESE CHIMIQUE OU BILOGIQUE  
[72] WOLFRAM, LESZEK J., US  
[72] WENKE, GOTTFRIED, US  
[73] CLAIROL INCORPORATED, US  
[22] 1993-10-20  
[30] US (07/978,561) 1992-11-19

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[11] 2,112,096  
[13] C

[51] Int.Cl. 5C12N 15/37 5C07H 21/04  
5C12Q 1/68 5C12Q 1/70  
[25] FR  
[54] SEQUENCES D'ADN DU PAPILLOMAVIRUS HPV42 - APPLICATION AU DIAGNOSTIC  
[54] DNA SEQUENCES OF THE HUMAN PAPILLOMAVIRUS TYPE 42 AND DIAGNOSTIC APPLICATION THEREOF  
[72] PHILIPP, WOLFGANG, DE  
[72] SAPP, MARTIN, DE  
[72] COLE, STEWART, FR  
[72] HONORE, NADINE, FR  
[73] F. HOFFMANN-LA ROCHE LTD., CH  
[85] 1993-11-21  
[86] 1992-06-25 (PCT/FR1992/000586)  
[87] (WO1993/000435)  
[30] FR (91 08125) 1991-06-28

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[11] 2,112,538  
[13] C

[51] Int.Cl. 5A61L 2/10 5A61L 2/24  
[25] EN  
[54] UV BULB INTENSITY CONTROL FOR WATER TREATMENT SYSTEM  
[54] CIRCUIT DE CONTROLE D'INTENSITE D'AMPOULE UV UTILISE DANS UN SYSTEME DE TRAITEMENT DES EAUX  
[72] MARKHAM, RONALD C., US  
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[22] 1993-12-29  
[30] US (016,594) 1993-02-11

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[11] 2,112,764  
[13] C

[51] Int.Cl. 5A47J 43/25  
[25] EN  
[54] FOOD GRATER  
[54] RAPE  
[72] FEER, DAVID L., US  
[72] MAST, REX R., US  
[73] RUBBERMAID INCORPORATED, US  
[22] 1994-01-04  
[30] US (08/000,367) 1993-01-04

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[11] 2,109,237  
[13] C

[51] Int.Cl. 5A61K 31/66 5A61K 7/16  
5A23L 1/226 5A61K 31/35  
[25] EN  
[54] A TASTE MODIFIER AND A METHOD OF MODIFYING TASTE  
[54] MODIFICATEUR DE GOUT ET METHODE DE MODIFICATION DU GOUT  
[72] WASHINO, TSUTOMU, JP  
[72] OOSAKI, KAZUHIKO, JP  
[72] MORIWAKI, MASAMITSU, JP  
[72] FUJII, KATSUMASA, JP  
[72] YUKAWA, CHIYOKI, JP  
[72] AKAI, TATSUO, JP  
[72] MITSUNAGA, KENSHI, JP  
[73] SAN-EI GEN F.F.I., INC., JP  
[22] 1993-10-26  
[30] JP (359994/1992) 1992-12-28  
[30] JP (96784/1993) 1993-03-30

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[11] **2,114,275**  
[13] C

[51] Int.Cl. 5C07C 1/04 5C10G 2/00 5B01J  
8/24  
[25] EN  
[54] PROCESS FOR PRODUCING LIQUID AND, OPTIONALY, GASEOUS PRODUCTS FROM GASEOUS REACTANTS  
[54] PROCEDE DE PRODUCTION DE LIQUIDES OU DE GAZ AU MOYEN DE REACTIFS GAZEUX  
[72] JAGER, BEREND, ZA  
[72] STEYNBERG, ANDRE P., ZA  
[72] INGA, JUAN R., US  
[72] KELFKENS, RENUS C., ZA  
[72] SMITH, MICHAEL A., ZA  
[72] MALHERBE, FRANCOIS E. J., ZA  
[73] SASOL CHEMICAL INDUSTRIES (PROPRIETARY) LIMITED, ZA  
[22] 1994-01-26  
[30] ZA (93/0588) 1993-01-27

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[11] **2,115,058**  
[13] C

[51] Int.Cl. 5G02B 6/255 5G02B 6/24  
5G02B 6/40  
[25] EN  
[54] MULTIPLE OPTICAL FIBER SPLICING  
[54] EPISSURE DE FIBRES OPTIQUES MULTIPLES  
[72] CARPENTER, JAMES B., US  
[72] DOSS, DONALD G., US  
[72] GLATZL, FRANK J., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-02-04  
[86] 1992-07-28 (PCT/US1992/006729)  
[87] (WO1993/005422)  
[30] US (07/753,332) 1991-09-06

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[11] **2,115,156**  
[13] C

[51] Int.Cl. 5G02B 6/255  
[25] EN  
[54] OPTICAL FIBER SPLICE  
[54] CONNEXION DE FIBRES OPTIQUES  
[72] LARSON, DONALD K., US  
[72] PATTERSON, RICHARD A., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-02-07  
[86] 1992-07-27 (PCT/US1992/006315)  
[87] (WO1993/005420)  
[30] US (750,402) 1991-08-29

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[11] **2,115,157**  
[13] C

[51] Int.Cl. 5G02B 6/255 5G02B 6/40  
[25] EN  
[54] MULTIPLE OPTICAL FIBER SPLICE  
[54] CONNECTEUR POUR FIBRES OPTIQUES  
[72] DOSS, DONALD G., US  
[72] LARSON, DONALD K., US  
[72] MANSFIELD, CHARLES M., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-02-07  
[86] 1992-07-28 (PCT/US1992/006326)  
[87] (WO1993/005421)  
[30] US (07/753,331) 1991-09-06

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[11] **2,115,170**  
[13] C

[51] Int.Cl. 5C07D 409/06 5A61K 31/415  
[25] EN  
[54] IMIDAZOLYL-ALKENOIC ACIDS  
[54] ACIDES IMIDAZOLYLALCENOIQUES  
[72] KEENAN, RICHARD MCCULLOCH, US  
[72] WEINSTOCK, JOSEPH, US  
[73] SMITHKLINE BEECHAM CORPORATION, US  
[85] 1994-02-07  
[86] 1992-08-12 (PCT/US1992/006734)  
[87] (WO1993/003722)  
[30] US (07/746,262) 1991-08-14

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[11] **2,115,303**  
[13] C

[51] Int.Cl. 5H01L 23/46 5H01L 23/473  
[25] FR  
[54] DISPOSITIF DE REFROIDISSEMENT DE COMPOSANTS ELECTRIQUES DE PUISSANCE  
[54] HIGH-POWER COMPONENT COOLING DEVICE  
[72] DUBELLOY, JEAN-LUC, FR  
[73] GEC ALSTHOM TRANSPORT SA, FR  
[22] 1994-02-09  
[30] FR (93 01 459) 1993-02-10

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[11] **2,116,740**  
[13] C

[51] Int.Cl. 5A23C 19/06 5A23L 1/29  
[25] EN  
[54] NON-FAT PROCESSED CHEESE  
[54] FROMAGE FONDU SANS MATIERES GRASSES  
[72] JACKSON, LINDA K., US  
[72] BROWN, DEANNA M., US  
[72] HONG, YEONG-CHING A., US  
[72] STRANDHOLM, JOHN J., US  
[73] KRAFT FOODS, INC., US  
[22] 1994-03-01  
[30] US (040,883) 1993-03-31

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[11] **2,116,747**  
[13] C

[51] Int.Cl. 5C07C 211/14 5C07C 251/12  
5C07D 295/13 5C07C 215/14 5C07C 211/20 5C10L 1/20  
[25] EN  
[54] FUEL ADDITIVES, THEIR PREPARATION AND GASOLINE ENGINE FUELS CONTAINING THE ADDITIVES  
[54] ADDITIFS DE CARBURANTS; LEUR PREPARATION ET LES CARBURANTS RENFERMANT CES ADDITIFS  
[72] FRANZ, LOTHAR, DE  
[72] MOHR, JUERGEN, DE  
[72] SCHREVER, PETER, DE  
[72] THOMAS, JUERGEN, DE  
[72] OPPENLAENDER, KNUT, DE  
[72] GUENTHER, WOLFGANG, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1994-03-01  
[30] DE (P 43 09 271.3) 1993-03-23

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[11] **2,116,963**  
[13] C

[51] Int.Cl. 5B31D 1/00 5B42C 11/02  
[25] EN  
[54] FOLDED SHEET ARTICLES AND RELATED AND OTHER APPLICATIONS  
[54] PROCEDE ET DISPOSITIF PERMETTANT DE COLLER DES ELEMENTS DE RENFORT ET DES FEUILLES PLIEES  
[72] McDONALD, GEORGE WALLACE, GB  
[73] McDONALD, GEORGE WALLACE, GB  
[85] 1994-03-03  
[86] 1992-09-04 (PCT/GB1992/001625)  
[87] (WO1993/005956)  
[30] GB (9119132.0) 1991-09-06

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[11] 2,117,245  
[13] C

[51] Int.Cl. 5B32B 31/12  
[25] EN  
[54] HIGH SLIP PACKAGING FILM  
WITH TRAPPED PRINT  
[54] PROCEDE POUR L'OBTENTION  
D'UN STRATIFIE  
THERMOPLASTIQUE POUR  
EMBALLAGE  
[72] WOOD, JOHN CRESSWELL, CA  
[72] ACCARDI, GIUSEPPE, CA  
[73] CRYOVAC, INC., US  
[22] 1994-03-08  
[30] US (100,011) 1993-07-29

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[11] 2,117,839  
[13] C

[51] Int.Cl. 5A61L 2/18 5A61L 2/06  
[25] EN  
[54] REACTION CHAMBER FOR THE  
DECONTAMINATION OF ARTICLES  
OF CLOTHING AND EQUIPMENT  
[54] CHAMBRE DE REACTION POUR  
LA DECONTAMINATION DE PIECES  
DE VETEMENT ET DE PIECES  
D'EQUIPEMENT  
[72] HELLMUTH, PAUL, DE  
[72] KLEIN, NORBERT, DE  
[72] THEIS, MICHAEL, DE  
[73] DORNIER GMBH, DE  
[22] 1994-10-11  
[30] DE (P 43 35 232.2) 1993-10-15

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[11] 2,118,526  
[13] C

[51] Int.Cl. 5F04C 29/00 5F04C 18/16  
[25] EN  
[54] METHOD AND APPARATUS FOR  
REGULATING A COMPRESSOR  
LUBRICATION SYSTEM  
[54] METHODE ET APPAREIL  
SERVANT A REGULER LE SYSTEME  
DE LUBRIFICATION D'UN  
COMPRESSEUR  
[72] HOOD, JAMES A., US  
[72] HART, JOHN E., US  
[73] INGERSOLL-RAND COMPANY, US  
[85] 1994-10-19  
[86] 1994-03-11 (PCT/US1994/002616)  
[87] (WO1994/021921)  
[30] US (032,071) 1993-03-17

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[11] 2,118,679  
[13] C

[51] Int.Cl. 5C08G 18/04 5C08L 75/04  
5C08L 33/14 5G03F 7/26 5C09D 5/32  
5C08F 220/36  
[25] EN  
[54] MULTIPLE CURABLE  
COMPOSITION AND USE THEREOF  
[54] COMPOSITION D'AGENTS  
MULTIPLES DE TRAITEMENT ET  
UTILISATION CONNEXE  
[72] KYLE, DAVID R., US  
[73] NATIONAL STARCH AND  
CHEMICAL INVESTMENT HOLDING  
CORPORATION, US  
[22] 1994-03-09  
[30] US (08/038,772) 1993-03-29

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[11] 2,119,977  
[13] C

[51] Int.Cl. 5B02C 18/40  
[25] EN  
[54] SOLID WASTE COMMINUTOR  
[54] BROYEUR DE DECHETS SOLIDES  
[72] CHAMBERS, JOSEPH W., SR., US  
[72] SABOL, ROBERT T., US  
[72] FENNESSY, CRAIG J., US  
[73] DISPOSABLE WASTE SYSTEMS,  
INC., US  
[22] 1994-03-25  
[30] US (08/077,106) 1993-06-16

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[11] 2,120,318  
[13] C

[51] Int.Cl. 5A61C 13/271  
[25] EN  
[54] PARTIAL DENTURE WITH S-  
SHAPED JOINT  
[54] DENTIER PARTIEL AVEC JOINT  
EN S  
[72] WILLITS, WILLIAM G., US  
[72] SCHMITT, THOMAS P., JR., US  
[73] LAB ONE ENTERPRISES, L.C., US  
[22] 1994-03-30

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[11] 2,122,069  
[13] C

[51] Int.Cl. 5C12S 3/18 5C11B 3/02  
[25] EN  
[54] PROCESS FOR REFINING OIL  
AND FAT  
[54] PROCEDE POUR LE RAFFINAGE  
DE L'HUILE ET DES GRAISSES  
[72] YAGI, TAKASHI, JP  
[72] HIGURASHI, MASAKAZU, JP  
[72] TSURUOKA, HIROKO, JP  
[72] NOMURA, ISAO, JP  
[73] SHOWA SANGYO CO., LTD., JP  
[22] 1994-04-25  
[30] JP (Hei. 5-132284) 1993-04-25

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[11] 2,123,429  
[13] C

[51] Int.Cl. 5C08F 8/42 5C08F 287/00  
5C08L 57/00 5C08L 53/02 5C08F 2/44  
[25] EN  
[54] POLYMERISABLE  
COMPOSITIONS  
[54] COMPOSITIONS  
POLYMERISABLES  
[72] ASHTON, DAVID P., GB  
[72] MOORMAN, GERALDINE A., GB  
[72] ROTHON, ROGER N., GB  
[73] LUCITE INTERNATIONAL UK  
LIMITED, GB  
[85] 1994-05-11  
[86] 1992-11-11 (PCT/GB1992/002079)  
[87] (WO1993/010159)  
[30] GB (9124307.1) 1991-11-15  
[30] GB (9124309.7) 1991-11-15  
[30] GB (9124305.5) 1991-11-15

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[11] \* 2,127,159  
[13] C

[51] Int.Cl. 5B62M 27/00 5B62B 13/00  
[25] FR  
[54] BICYCLETTE SUR GLACE  
[54] ICE CYCLE  
[72] RIOPELLE, YVON, CA  
[72] RIOPELLE, CLAUDETTE, CA  
[73] RIOPELLE, YVON, CA  
[73] RIOPELLE, CLAUDETTE, CA  
[22] 1994-06-30

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[11] **2,127,337**  
 [13] C

[51] Int.Cl. 5C09C 1/64 5C09C 3/06  
**5C09D 7/12 5C09D 5/38**  
 [25] EN  
**[54] ALUMINIUM PIGMENTS**  
**[54] PIGMENTS D'ALUMINIUM**  
 [72] YAMAMOTO, TAKASHI, JP  
 [72] UENISHI, MASATOSHI, JP  
 [72] KATOH, HARUZO, JP  
 [72] SETOGUCHI, SHUNICHI, JP  
 [73] TOYO ALUMINIUM KABUSHIKI  
 KAISHA, JP  
 [22] 1994-07-04  
 [30] JP (165648/93) 1993-07-05  
 [30] JP (142819/94) 1994-06-24

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[11] **2,128,327**  
 [13] C

[51] Int.Cl. 5H04L 12/56  
 [25] EN  
**[54] METHOD AND APPARATUS FOR THE FORMATTING OF DATA FOR TRANSMISSION**  
**[54] METHODE ET APPAREIL DE FORMATAGE DE DONNEES EN VUE D'UNE TRANSMISSION**  
 [72] PADOVANI, ROBERTO, US  
 [72] TIEDEMANN, EDWARD G., JR., US  
 [72] WEAVER, LINDSAY A., JR., US  
 [72] BUTLER, BRIAN K., US  
 [73] QUALCOMM INCORPORATED, US  
 [85] 1994-07-18  
 [86] 1993-01-19 (PCT/US1993/000406)  
 [87] (WO1993/014588)  
 [30] US (822,164) 1992-01-16

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[11] **2,129,406**  
 [13] C

[51] Int.Cl. 5H01R 13/58 5H01R 13/62  
**5H01R 13/639**  
 [25] EN  
**[54] CORD CONNECTORS**  
**[54] CONNECTEUR DE CORDONS ELECTRIQUES**  
 [72] OSTEN, FREDERICK F., US  
 [73] OSTEN, FREDERICK F., US  
 [22] 1994-08-03

[11] **2,129,795**  
 [13] C

[51] Int.Cl. 5A63F 1/00  
 [25] EN  
**[54] A RHYME IN TIME(TM) GAME APPARATUS AND METHOD**  
**[54] APPAREIL DE JEU ET JEU A RIMES**  
 [72] LENHART, BRAD ERIC, US  
 [72] LENHART, JILL RENEE, US  
 [73] LENHART, BRAD ERIC, US  
 [73] LENHART, JILL RENEE, US  
 [22] 1994-08-09  
 [30] US (08/275,294) 1994-07-14

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[11] **2,130,211**  
 [13] C

[51] Int.Cl. 5H04M 3/42 5G10L 9/00  
 [25] EN  
**[54] SYSTEM AND METHOD FOR PASSIVE VOICE VERIFICATION IN A TELEPHONE NETWORK**  
**[54] SYSTEME ET METHODE DE RECONNAISSANCE VOCALE PASSIVE POUR RESEAU TELEPHONIQUE**  
 [72] BAHLER, LAWRENCE G., US  
 [72] HIGGINS, ALAN LAWRENCE, US  
 [73] INTERNATIONAL STANDARD ELECTRIC CORPORATION, US  
 [22] 1994-08-09  
 [30] US (08/105,849) 1993-08-10

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[11] **2,131,192**  
 [13] C

[51] Int.Cl. 5F04B 47/04 5F04B 21/08  
 [25] EN  
**[54] HYDRAULIC OIL WELL PUMP DRIVE SYSTEM**  
**[54] SYSTEME DE COMMANDE HYDRAULIQUE POUR POMPE DE PUITS DE PETROLE**  
 [72] STANLEY, LLOYD, CA  
 [73] STANLEY, LLOYD, CA  
 [85] 1994-08-29  
 [86] 1993-03-01 (PCT/CA1993/000085)  
 [87] (WO1993/018306)  
 [30] US (07/845,379) 1992-03-03  
 [30] US (07/967,411) 1992-10-26

[11] **2,133,139**  
 [13] C

[51] Int.Cl. 5H04B 7/26 5H04L 29/04  
**5H04B 1/38**  
 [25] FR  
**[54] STRUCTURE DE BURST DE REMPLISSAGE DANS UN SYSTEME CELLULAIRE DE RADIOCOMMUNICATIONS NUMERIQUES UTILISANT LE PRINCIPE DE L'AMRT, ET STATION DE BASE POUR L'ELABORATION D'UNE TELLE STRUCTURE**  
**[54] FILLING BURST STRUCTURE IN A TDMA CELLULAR DIGITAL RADIOCOMMUNICATIONS SYSTEM AND BASE STATION USING SAID STRUCTURE**  
 [72] DELPRAT, MARC, FR  
 [72] GOURGUE, FREDERIC, FR  
 [72] PEQUET, ERIC, BE  
 [73] ALCATEL MOBILE COMMUNICATION FRANCE, FR  
 [22] 1994-09-28  
 [30] FR (93 11 572) 1993-09-29

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[11] **2,133,858**  
 [13] C

[51] Int.Cl. 5F16H 21/16 5F16H 47/00  
 [25] EN  
**[54] REVERSING DRIVE**  
**[54] MECANISME D'ENTRAINEMENT REVERSIBLE**  
 [72] MCGUIRE, BERNARD, CA  
 [73] MCGUIRE, BERNARD, CA  
 [22] 1994-10-07  
 [30] US (08/165,670) 1993-12-13

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[11] **2,134,808**  
 [13] C

[51] Int.Cl. 5C08J 9/06 5C08G 18/66  
 [25] EN  
**[54] A PROCESS FOR THE CFC-FREE PRODUCTION OF CELLULAR POLYURETHANE MOLDED PARTS**  
**[54] PROCEDE DE FABRICATION DE PIECES MOULEES EN POLYURETHANE ALVEOLAIRE SANS PRODUCTION DE CFC**  
 [72] WEBER, HANS G., DE  
 [72] HAAS, PETER, DE  
 [72] MICHELS, ERHARD, DE  
 [72] WEBER, CHRISTIAN, DE  
 [72] BRECHT, KLAUS, DE  
 [73] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 1994-11-01  
 [30] DE (P 4337569.3) 1993-11-04

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**[11] 2,134,813**  
 [13] C

[51] Int.Cl. 5H04N 5/46  
 [25] EN  
**[54] FILM-TO-VIDEO FORMAT DETECTION FOR DIGITAL TELEVISION**  
**[54] DETECTION DE FORMAT DE TRANSFERT FILM-VIDEO POUR LA TELEVISION NUMERIQUE**  
 [72] GOVE, ROBERT J., US  
 [72] MEYER, RICHARD C., US  
 [72] MARSHALL, STEPHEN W., US  
 [73] TEXAS INSTRUMENTS INCORPORATED, US  
 [22] 1994-11-01  
 [30] US (145,934) 1993-11-02

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**[11] 2,135,102**  
 [13] C

[51] Int.Cl. 5C07C 11/02 5C07C 4/06  
**5C07C 5/333**  
 [25] EN  
**[54] INTEGRATED CATALYTIC CRACKING AND OLEFIN PRODUCING PROCESS USING PLUG FLOW REGENERATION**  
**[54] PROCEDE DE CRAQUAGE CATALYTIQUE ET DE PRODUCTION OLEFINIQUE INTEGRE UTILISANT LA REGENERATION A ECOULEMENT PISTON**  
 [72] KERBY, MICHAEL CHARLES, US  
 [72] BEARDEN, ROBY JR., US  
 [72] DAVIS, STEPHEN MARK, US  
 [73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
 [22] 1994-11-04  
 [30] US (154,829) 1993-11-19

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**[11] 2,137,795**  
 [13] C

[51] Int.Cl. 5C07C 19/08 5C07C 17/38  
 [25] EN  
**[54] PURIFICATION OF 1,1,1,2-TETRAFLUOROETHANE**  
**[54] PURIFICATION DU 1,1,1,2-TETRAFLUOROETHANE**  
 [72] SHIELDS, CHARLES J., GB  
 [73] INEOS FLUOR HOLDINGS LIMITED, GB  
 [85] 1994-12-09  
 [86] 1993-07-06 (PCT/GB1993/001412)  
 [87] (WO1994/001386)  
 [30] GB (9214449.2) 1992-07-08

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**[11] 2,138,885**  
 [13] C

[51] Int.Cl. 5H03D 3/02  
 [25] EN  
**[54] FM SIGNAL DEMODULATOR**  
**[54] DEMODULATEUR DE SIGNAUX FM**  
 [72] OMOTO, NORIAKI, JP  
 [73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
 [22] 1994-12-22  
 [30] JP (5-324919) 1993-12-22  
 [30] JP (5-333382) 1993-12-27

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**[11] 2,140,061**  
 [13] C

[51] Int.Cl. 6H03K 17/00 6H05B 37/02  
 [25] EN  
**[54] ASYMMETRICAL AC TRIGGER SIMULATION**  
**[54] SIMULATION D'UN DECLENCHEUR A COURANT ALTERNATIF ASYMETRIQUE**  
 [72] GERSHEN, BERNARD J., US  
 [72] LOMBARDI, ALFRED J., US  
 [72] KRAJCI, EDWARD J., US  
 [72] SHAFIR, YEVGENY, US  
 [73] LEVITON MANUFACTURING CO., INC., US  
 [22] 1995-01-12  
 [30] US (08/183,459) 1994-01-18

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**[11] 2,140,468**  
 [13] C

[51] Int.Cl. 6A61K 9/70  
 [25] EN  
**[54] PERCUTANEOUS ADMINISTRATION TAPE PREPARATION**  
**[54] PREPARATION SUR RUBAN POUR ADMINISTRATION PERCUTANEE**  
 [72] Hori, MITSUHIKO, JP  
 [72] YAMAMOTO, KATSUHIRO, JP  
 [72] WATANABE, TETSUO, JP  
 [73] NITTO DENKO CORPORATION, JP  
 [22] 1995-01-18  
 [30] JP (Hei. 6-4908) 1994-01-21

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**[11] 2,140,809**  
 [13] C

[51] Int.Cl. 6A47F 5/16  
 [25] EN  
**[54] IMPROVED PORTABLE PERFORMANCE PLATFORM**  
**[54] SCENE MOBILE AMELIOREE**  
 [72] DECKER, MATTHEW J., US  
 [72] EUSTICE, TODD C., US  
 [72] RAU, DOUGLAS, US  
 [72] BOERS, ARIE, US  
 [73] WENGER CORPORATION, US  
 [22] 1995-01-23  
 [30] US (08/283,702) 1994-08-01

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**[11] 2,142,056**  
 [13] C

[51] Int.Cl. 6C10M 133/08 6C10M 133/18  
 [25] EN  
**[54] AUTOMATIC TRANSMISSION FLUIDS AND ADDITIVES THEREFOR**  
**[54] LIQUIDES POUR TRANSMISSIONS AUTOMATIQUES ET ADDITIFS**  
 [72] OHTANI, HIROKO, US  
 [72] HARTLEY, ROLFE J., US  
 [73] ETHYL PETROLEUM ADDITIVES, INC., US  
 [22] 1995-02-08  
 [30] US (195,860) 1994-02-10  
 [30] US (236,524) 1994-05-02

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**[11] 2,142,307**  
 [13] C

[51] Int.Cl. 6C01B 31/00 6B01J 19/08  
 [25] EN  
**[54] METHODS AND APPARATI FOR PRODUCING FULLERENES**  
**[54] PROCEDE ET APPAREIL POUR LA PRODUCTION DE FULLERENES**  
 [72] WITHERS, JAMES C., US  
 [72] LOUTFY, RAOUF O., US  
 [73] MATERIALS AND ELECTROCHEMICAL RESEARCH CORPORATION, US  
 [85] 1995-02-10  
 [86] 1993-08-12 (PCT/US1993/007654)  
 [87] (WO1994/004461)  
 [30] US (07/930,818) 1992-08-14

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[11] **2,142,432**  
[13] C

[51] Int.Cl. 6H02K 13/10 6H02K 13/00  
[25] EN  
[54] DYNAMOELECTRIC MACHINE WITH BRUSH HAVING SLANTED CORE  
[54] MACHINE DYNAMOÉLECTRIQUE AVEC BALAIS INCLINES  
[72] NOWICKI, HENRY B., US  
[72] OELBRACHT, THOMAS J., US  
[73] LUCAS AEROSPACE POWER EQUIPMENT CORPORATION, US  
[22] 1995-02-13  
[30] US (204,771) 1994-03-02

[11] **2,143,728**  
[13] C

[51] Int.Cl. 6H02G 1/08  
[25] EN  
[54] CABLE PLACING APPARATUS  
[54] APPAREIL A REMPLACER LES CABLES  
[72] MCVAUGH, ARTHUR K., US  
[73] MCVAUGH, ARTHUR K., US  
[22] 1995-03-01  
[30] US (08/203,894) 1994-03-01

[11] **2,144,129**  
[13] C

[51] Int.Cl. 6B60C 15/00 6B29D 30/16  
[25] FR  
[54] ENVELOPPE DE PNEUMATIQUE DEPOURVUE DE TRINGLE  
[54] TYVE WITH NO BEAD WIRE  
[72] AHOUANTO, MICHEL, FR  
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[22] 1995-03-07  
[30] FR (94 03 166) 1994-03-16

[11] **2,145,659**  
[13] C

[51] Int.Cl. 6G06K 9/20  
[25] EN  
[54] BIOMETRIC PERSONAL IDENTIFICATION SYSTEM BASED ON IRIS ANALYSIS  
[54] SYSTEME D'IDENTIFICATION BIOMETRIQUE DE PERSONNES BASE SUR L'ANALYSE DE L'IRIS  
[72] DAUGMAN, JOHN G., GB  
[73] IRIDIAN TECHNOLOGIES, INC., US  
[85] 1995-03-27  
[86] 1992-10-10 (PCT/US1992/008673)  
[87] (WO1994/009446)

[11] \* **2,145,858**  
[13] C

[51] Int.Cl. 6A23K 1/18 6A23K 1/16  
[25] EN  
[54] ANIMAL FEEDS COMPRISING YEAST GLUCAN  
[54] NOURRITURE POUR ANIMAUX, RENFERMANT DU GLUCANE DE LEVURE  
[72] HAYEN, GARY D., US  
[72] POLLAMM, D. STEVEN, US  
[73] BIOTEC ASA, NO  
[85] 1995-03-29  
[86] 1994-07-20 (PCT/US1994/008152)  
[87] (WO1995/004467)  
[30] US (102,935) 1993-08-06

[11] **2,145,864**  
[13] C

[51] Int.Cl. 6H01R 4/24  
[25] EN  
[54] ELECTRIC CONNECTOR  
[54] CONNECTEUR ELECTRIQUE  
[72] ADAMS, EDWARD JOHN, GB  
[73] WEIDMULLER (KLIPPON) PRODUCTS LIMITED, GB  
[85] 1995-03-29  
[86] 1993-09-30 (PCT/GB1993/002042)  
[87] (WO1994/008362)  
[30] GB (9220575.6) 1992-09-30

[11] **2,146,120**  
[13] C

[51] Int.Cl. 6A61B 5/11 6A61B 5/0488  
[25] EN  
[54] A METHOD FOR MEASURING THE FUNCTION OF JOINTS AND ASSOCIATED MUSCLES  
[54] METHODE DE MESURE DE LA FONCTION DES ARTICULATIONS ET DES MUSCLES ASSOCIES  
[72] SIHVONEN, TEUVO, FI  
[73] SIHVONEN, TEUVO, FI  
[85] 1995-03-31  
[86] 1993-10-01 (PCT/FI1993/000392)  
[87] (WO1994/007414)  
[30] FI (924455) 1992-10-02

[11] **2,147,220**  
[13] C

[51] Int.Cl. 6F24F 11/02  
[25] EN  
[54] MULTI-TYPE AIR CONDITIONER ADDRESS SETTING METHOD AND ADDRESS SETTING DEVICE  
[54] METHODE ET DISPOSITIF D'ETABLISSEMENT D'ADRESSE POUR CONDITIONNEUR D'AIR  
[72] TOBI, YUKIO, JP  
[72] SARUHASHI, KOIUCHI, JP  
[72] MATUMOTO, KOIUCHI, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 1995-04-18  
[30] JP (6-80767) 1994-04-19

[11] **2,147,574**  
[13] C

[51] Int.Cl. 6C09D 5/03 6C09D 5/46  
[25] EN  
[54] POWDER COATING  
[54] REVETEMENT EN POUDRE  
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[72] SUGIYAMA, TSUTOMU, JP  
[72] FUNATO, KATSURO, JP  
[72] HATTORI, KENZI, JP  
[73] TOMOEGAWA PAPER CO., LTD., JP  
[22] 1995-04-21  
[30] JP (Hei. 6-107949) 1994-04-22  
[30] JP (7-106994) 1995-04-06

[11] **2,147,981**  
[13] C

[51] Int.Cl. 6B05B 7/14  
[25] EN  
[54] SYSTEM FOR COATING A SUBSTRATE WITH A REINFORCED RESIN MATRIX  
[54] SYSTEME DE REVETEMENT DE SUBSTRAT A MATRICE DE RESINE RENFORCEE  
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[72] SCARPA, JACK G., US  
[72] MATHIAS, DAVID D., US  
[73] USBI, CO., US  
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[86] 1993-11-17 (PCT/US1993/011181)  
[87] (WO1994/011113)  
[30] US (978,000) 1992-11-18

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[13] C

[51] Int.Cl. 6C07J 71/00 6A61K 31/58  
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[72] ASHTON, MICHAEL JOHN, GB  
[72] KARLSSON, SVEN JAN-ANDERS, GB  
[72] VACHER, BERNARD YVON JACK, GB  
[72] WITHNALL, MICHAEL THOMAS, GB  
[73] AVENTIS PHARMA LIMITED, GB  
[85] 1995-05-18  
[86] 1993-12-24 (PCT/GB1993/002659)  
[87] (WO1994/014834)  
[30] GB (9226917.4) 1992-12-24  
[30] GB (9303121.9) 1993-02-17

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[11] 2,150,011  
[13] C

[51] Int.Cl. 6B41F 35/00 6D21F 1/32  
[25] EN  
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[54] APPAREIL SERVANT AU NETTOYAGE D'OBJETS EN MOUVEMENT  
[72] SJOBERG, STAFFAN, SE  
[73] TM SYSTEM FINLAND OY, FI  
[85] 1995-05-23  
[86] 1993-11-24 (PCT/SE1993/001012)  
[87] (WO1994/012349)  
[30] SE (9203538-5) 1992-11-25

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[11] 2,150,018  
[13] C

[51] Int.Cl. 6B29C 44/20  
[25] EN  
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[54] MOUSSE DE POLYPROPYLENE A ALVEOLES OUVERTES ET PROCEDE DE FABRICATION CONNEXE  
[72] PARK, CHUNG P., DE  
[73] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 1995-05-23  
[86] 1992-12-17 (PCT/US1992/010934)  
[87] (WO1994/013460)

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[13] C

[51] Int.Cl. 6B29C 44/20  
[25] EN  
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[54] MOUSSE EXTRUDEE DE POLYMER DE PROPYLENE, A ALVEOLES FERMÉES; PROCÉDÉ DE FABRICATION  
[72] PARK, CHUNG P., DE  
[72] MALONE, BRUCE A., US  
[73] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 1995-05-31  
[86] 1992-12-17 (PCT/US1992/010933)  
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[13] C

[51] Int.Cl. 6H01R 13/70 6H01R 13/66  
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[54] DEVICE FORMING A PLUG-IN BASE FOR AN ELECTRICAL RELAY  
[72] ALIBERT, JEAN-LUC, FR  
[73] CONNECTEURS ELECTRIQUES DEUTSCH, FR  
[22] 1995-06-20  
[30] FR (94 07841) 1994-06-24

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[11] 2,152,303  
[13] C

[51] Int.Cl. 6H04N 5/74 6H04N 5/64  
[25] EN  
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[54] RECEPTEUR DE TELEVISON DE TYPE PROJECTION DE FOND  
[72] YAMADA, TADAYOSHI, JP  
[72] GOTO, KAZUMI, JP  
[72] TOZUKA, MASAHIRO, JP  
[72] SHIMATANI, TSUYOSHI, JP  
[72] MAEDA, YOSHINOBU, JP  
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[25] EN  
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[72] OVNICEK, EUGENE D., US  
[73] WORLD WIDE HORSESHOES, INC., US  
[85] 1995-06-29  
[86] 1993-03-22 (PCT/US1993/002573)  
[87] (WO1994/021113)

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[11] 2,153,681  
[13] C

[51] Int.Cl. 6A61K 31/705 6A61K 31/57  
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[25] EN  
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[54] COMPOSITIONS TOPIQUES A BASE DE CETOCONAZOLE  
[72] FRANCOIS, MARC KAREL JOZEF, BE  
[72] WOUTERS, ALFONS JEANNE, BE  
[72] CAUWENBERGH, GERARD FRANS MARIA JAN, US  
[73] JANSSEN PHARMACEUTICA N.V., BE  
[85] 1995-07-11  
[86] 1994-01-12 (PCT/EP1994/000092)  
[87] (WO1994/016710)  
[30] EP (93.200.145.6) 1993-01-21

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[11] 2,153,893  
[13] C

[51] Int.Cl. 6C11C 3/04 6B01J 13/00  
6A61K 9/10 6A61K 47/14 6A61K 47/24  
6C07C 69/40  
[25] EN  
[54] THE PREPARATION OF COLLOIDAL AQUEOUS SOLUTIONS OF ACTIVE SUBSTANCES OF LOW SOLUBILITY AND A LIPID THEREFOR  
[54] PREPARATION DE SOLUTIONS COLLOIDALES AQUEUSES DE SUBSTANCES ACTIVES FAIBLEMENT SOLUBLES; LIPIDE UTILISE  
[72] ROSENBERG, JOERG, DE  
[72] ROMERDAHL, CYNTHIA, US  
[72] GRUENHAGEN, HANS-HEINRICH, DE  
[73] ABBOTT GMBH & CO. KG, DE  
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[54] MOULAGE PAR COMPRESSION  
[72] CHESNA, JOHN CONARD, US  
[72] GENTILE, WAYNE FRANCIS, US  
[72] KHAN, SUBHOTOSH, US  
[72] KRUEGER, WILLIAM HENRY, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1995-07-14  
[86] 1994-01-26 (PCT/US1994/000437)  
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[30] US (08/010,570) 1993-01-28  
[30] US (08/186,089) 1994-01-25

**[11] 2,154,951**  
[13] C

[51] Int.Cl. 6G06F 3/14  
[25] EN  
[54] METHOD AND APPARATUS FOR VIEWING ELECTRONIC DOCUMENTS  
[54] METHODE ET APPAREIL DE VISUALISATION DE DOCUMENTS ELECTRONIQUES  
[72] WARNOCK, JOHN E., US  
[72] MCCOY, WILLIAM H., US  
[72] COHN, RICHARD J., US  
[72] PADGETT, ALLAN P., US  
[73] ADOBE SYSTEMS, INC., US  
[22] 1995-07-28  
[30] US (08/304,680) 1994-09-12

**[11] 2,155,218**  
[13] C

[51] Int.Cl. 6H02K 19/02 6H02K 41/03  
[25] EN  
[54] MULTI-PHASE ELECTRIC MACHINE WITH OFFSET MULTIPOLAR ELECTRIC POLE UNITS  
[54] MACHINE ELECTRIQUE MULTIPHASE A UNITES ELECTRIQUES MULTIPOLAIRES  
[72] HILL, WOLFGANG, DE  
[73] HILL, WOLFGANG, DE  
[85] 1995-08-01  
[86] 1994-01-31 (PCT/DE1994/000090)  
[87] (WO1994/018741)  
[30] DE (P 43 02 807.1) 1993-02-02  
[30] DE (P 43 26 124.8) 1993-08-04

**[11] 2,156,266**  
[13] C

[51] Int.Cl. 6G02B 5/124  
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[54] RETROREFLECTIVE STRUCTURE  
[54] CONSTRUCTION RETROREFLECHISSANTE  
[72] MARTIN, DAVID C., US  
[72] PHILLIPS, EDWARD D., US  
[73] REFLEXITE CORPORATION, US  
[85] 1995-08-16  
[86] 1994-02-15 (PCT/US1994/001681)  
[87] (WO1994/019711)  
[30] US (08/018,766) 1993-02-17  
[30] US (08/088,252) 1993-07-07

**[11] 2,156,317**  
[13] C

[51] Int.Cl. 6H04L 7/10  
[25] EN  
[54] SYNCHRONIZER FOR PULSE CODE MODULATION TELEMETRY  
[54] SYNCHRONISEUR POUR LA TELEMETRIE A MODULATION D'IMPULSIONS EN DUREE  
[72] DOYLE, MARK R., US  
[73] WESTERN ATLAS INTERNATIONAL, INC., US  
[22] 1995-08-17  
[30] US (08/298,654) 1994-08-31

**[11] 2,156,841**  
[13] C

[51] Int.Cl. 6B62D 11/04 6B62D 9/00  
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[54] SERVODIRECTION  
[54] POWER STEERING SYSTEM  
[72] SIMARD, JULIEN, CA  
[72] COUTURE, PIERRE, CA  
[73] HYDRO-QUEBEC, CA  
[85] 1995-08-23  
[86] 1994-03-01 (PCT/CA1994/000110)  
[87] (WO1994/020353)  
[30] US (025,419) 1993-03-01

**[11] 2,157,369**  
[13] C

[51] Int.Cl. 6C12P 41/00 6C12P 7/40  
[25] EN  
[54] ARYLALKANOIC ACID RESOLUTION  
[54] ISOLATION DE L'ACIDE ARYLALCANIQUE  
[72] WARNECK, JULIE BELINDA HAZEL, GB  
[72] WISDOM, RICHARD ANTHONY, GB  
[73] LABORATORIOS MENARINI S.A., ES  
[85] 1995-08-31  
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[87] (WO1994/020633)  
[30] GB (9304256.2) 1993-03-03

**[11] 2,157,499**  
[13] C

[51] Int.Cl. 6B29C 65/18 6B65B 51/30  
[25] EN  
[54] A SEALING JAW CONSTRUCTED FROM TWO CERAMIC MATERIALS OF WHICH ONE IS ELECTRICALLY CONDUCTIVE  
[54] MACHOIRE D'ETANCHEITE CONSTITUEE DE DEUX MATERIAUX CERAMIQUES DONT L'UN EST CONDUCTEUR  
[72] SELBERG, HANS, SE  
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[85] 1995-09-01  
[86] 1994-02-25 (PCT/IB1994/000025)  
[87] (WO1994/020644)  
[30] SE (9300693-0) 1993-03-02

**[11] 2,158,375**  
[13] C

[51] Int.Cl. 6G05G 9/00  
[25] EN  
[54] MULTIFUNCTION SINGLE LEVER CONTROL FOR LIFT TRUCKS  
[54] COMMANDE MULTIFONCTIONS A LEVIER UNIQUE POUR CHARIOT ELEVATEUR  
[72] JONES, WILLIAM C., JR., US  
[72] SEKSARIA, ARUN K., US  
[73] CLARK MATERIAL HANDLING COMPANY, US  
[85] 1995-09-14  
[86] 1994-10-17 (PCT/US1994/014872)  
[87] (WO1995/018995)  
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[13] C

[51] Int.Cl. 6B01D 35/28 6B01D 33/06  
[25] EN  
[54] ROTARY SCREENING APPARATUS HAVING AN IMPROVED SCREENING CYLINDER CASING  
[54] CRIBBLE TOURNANT MUNI D'UNE ENVELOPPE AMELIOREE POUR LE CYLINDRE DE CRIBLAGE  
[72] LANGNER, HERBERT GUNTHER JOACHIM, CA  
[73] LANGNER, HERBERT GUNTHER JOACHIM, CA  
[22] 1995-09-29

[11] **2,159,624**  
[13] C

[51] Int.Cl. 6B01J 13/02 6A61K 9/16  
6A61K 9/50  
[25] EN  
[54] METHOD OF ENCAPSULATING SUBSTANCES IN BIOCAPSULES  
[54] METHODE DE CAPSULATION DE SUBSTANCES DANS DES BIOCAPSULES  
[72] SAGAR, BRIAN FREDERICK, GB  
[72] SAGAR, ANTHONY JOHN GRANT, GB  
[72] GRAHAM, SAMUEL GORDON, GB  
[72] WRAGG, REGINALD TREVOR, GB  
[73] CPC INTERNATIONAL INC., US  
[85] 1995-09-29  
[86] 1994-03-30 (PCT/GB1994/000667)  
[87] (WO1994/022572)  
[30] GB (9306700.7) 1993-03-31

[11] **2,163,239**  
[13] C

[51] Int.Cl. 6H04N 5/265 6H04N 11/06  
6H04N 7/50  
[25] EN  
[54] AUDIO-VISUAL PRESENTATION SYSTEM  
[54] SYSTEME DE PRESENTATION AUDIOVISUELLE  
[72] CARRUBBA, FRANCIS PAUL, NL  
[72] SWILLENS, PETER JOSEPH LEONARDUS ANTONIUS, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 1995-11-17  
[86] 1995-03-10 (PCT/IB1995/000155)  
[87] (WO1995/026606)  
[30] EP (94200714.7) 1994-03-18

[11] **2,165,866**  
[13] C

[51] Int.Cl. 6A01K 1/015  
[25] EN  
[54] AUTOMATED SELF-CLEANING LITTER BOX FOR CATS  
[54] LITIERE AUTO-NETTOYANTE POUR CHATS  
[72] WATERS, MICHAEL A., US  
[73] WATERS RESEARCH COMPANY, US  
[22] 1995-12-21  
[30] US (371,782) 1995-01-12

[11] **2,165,912**  
[13] C

[51] Int.Cl. 6G06F 17/30  
[25] EN  
[54] WRITE ANYWHERE FILE-SYSTEM LAYOUT  
[54] CONFIGURATION DE SYSTEME D'ARCHIVAGE A LOCALISATION D'ECRITURE NON IMPOSEE  
[72] HITZ, DAVID, US  
[72] MALCOLM, MICHAEL, US  
[72] LAU, JAMES, US  
[72] RAKITZIS, BYRON, US  
[73] NETWORK APPLIANCE, INC., US  
[22] 1995-12-21

[11] **2,166,471**  
[13] C

[51] Int.Cl. 6H01S 3/03 6H01S 3/25  
[25] EN  
[54] LASER DEVICE  
[54] LASER  
[72] JENKINS, RICHARD MICHAEL, GB  
[73] QINETIQ LIMITED, GB  
[85] 1996-01-02  
[86] 1994-06-15 (PCT/GB1994/001286)  
[87] (WO1995/002264)  
[30] GB (9313823.8) 1993-07-03

[11] **2,166,706**  
[13] C

[51] Int.Cl. 6B41F 15/08  
[25] EN  
[54] STABILISED SCREEN PRINTING  
[54] MACHINE D'IMPRESSION AU CADRE, STABILISEE  
[72] EPPINGER, OTTO RICHARD, AU  
[73] EPPINGER, OTTO RICHARD, AU  
[85] 1996-01-05  
[86] 1994-07-05 (PCT/AU1994/000373)  
[87] (WO1995/001875)  
[30] AU (PL9775) 1993-07-06

[11] **2,168,458**  
[13] C

[51] Int.Cl. 6C07C 31/20 6C07C 29/10  
[25] EN  
[54] THE PREPARATION OF 1,4-BUTANEDIOL  
[54] PREPARATION DU BUTANE-1,4-DIOL  
[72] PINKOS, ROLF, DE  
[72] FISCHER, ROLF HARTHMUTH, DE  
[72] BREITSCHEIDEL, BORIS, DE  
[72] POLANEK, PETER, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1996-01-30  
[86] 1994-07-07 (PCT/EP1994/002232)  
[87] (WO1995/004023)  
[30] DE (P 43 25 753.4) 1993-07-31

[11] **2,168,871**  
[13] C

[51] Int.Cl. 6C30B 11/00 6C30B 11/12  
6C30B 29/40  
[25] EN  
[54] CRYSTALLINE MULTILAYER STRUCTURE AND MANUFACTURING METHOD THEREOF  
[54] STRUCTURE MULTICOUCHE CRISTALLINE ET METHODE DE FABRICATION DE CETTE STRUCTURE  
[72] POROWSKI, SYLWESTER, PL  
[72] KRUKOWSKI, STANISLAW, PL  
[72] JUN, JAN, PL  
[72] GRZEGORY, IZABELLA, PL  
[72] WROBLEWSKI, MIROSŁAW, PL  
[73] CENTRUM BADAN WYSOKOCISNIENIOWYCH, PL  
[85] 1996-02-05  
[86] 1994-04-27 (PCT/PL1994/000008)  
[87] (WO1995/004845)  
[30] PL (P300019) 1993-08-10

[11] **2,169,395**  
[13] C

[51] Int.Cl. 6B60D 1/02 6A01B 59/042  
[25] EN  
[54] IMPLEMENT AND HITCH  
[54] OUTIL ET ATTELAGE  
[72] GOLSON, CHARLES A., JR., US  
[72] BRITTON, GEORGE E., US  
[73] BUSH HOG, L.L.C., US  
[22] 1996-02-13  
[30] US (388,195) 1995-02-13

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 [13] C

[51] Int.Cl. 6A23L 1/105  
 [25] EN  
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 [54] SUSPENSION HOMOGENE ET STABLE DE CEREALES  
 [72] LINDAHL, LENNART, SE  
 [72] AHLDEN, INGER, SE  
 [72] OSTE, RICKARD, SE  
 [72] SJOHOLM, INGEGERD, SE  
 [73] CEREAL BASE CEBA AB, SE  
 [85] 1996-03-04  
 [86] 1994-09-14 (PCT/SE1994/000857)  
 [87] (WO1995/007628)  
 [30] SE (9302996-5) 1993-09-15

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**[11] 2,176,587**  
 [13] C

[51] Int.Cl. 6C07D 307/33  
 [25] EN  
**PREPARATION OF .GAMMA.-BUTYROLACTONE**  
 [54] PROCEDE DE PREPARATION DE .GAMMA.-BUTYROLACTONE  
 [72] PINKOS, ROLF, DE  
 [72] FISCHER, ROLF, DE  
 [73] BASF AKTIENGESELLSCHAFT, DE  
 [85] 1996-05-14  
 [86] 1994-11-09 (PCT/EP1994/003683)  
 [87] (WO1995/014010)  
 [30] DE (P 43 39 269.5) 1993-11-18

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**[11] 2,176,745**  
 [13] C

[51] Int.Cl. 6C07H 21/00 6C07K 2/00  
 6C07K 14/00 6C12Q 1/68  
 [25] EN  
**NUCLEIC ACID ANALOGS WITH A CHELATING FUNCTIONALITY**  
 [54] ANALOGUES D'ACIDES NUCLEIQUES A FONCTION DE CHELATION  
 [72] STANLEY, CHRISTOPHER JOHN, GB  
 [72] ORUM, HENRIK, DK  
 [72] JORGENSEN, MIKKEL, DK  
 [73] PNA DIAGNOSTICS A/S, DK  
 [85] 1996-05-15  
 [86] 1994-11-22 (PCT/EP1994/003859)  
 [87] (WO1995/014708)  
 [30] GB (9324243.6) 1993-11-25

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**[11] 2,178,268**  
 [13] C

[51] Int.Cl. 6C04B 35/80 6C04B 38/00  
 6F23D 14/14 6B28B 1/52  
 [25] EN  
**PRODUCTION OF PERFORATED CERAMIC FIBER PLATES**  
 [54] METHODE DE PRODUCTION DE PLAQUES PERFOREES A BASE DE FIBRES CERAMIQUES  
 [72] CARSWELL, MARTIN G., US  
 [73] ALZETA CORPORATION, US  
 [22] 1996-06-05  
 [30] US (08/466,453) 1995-06-06  
 [30] US (08/467,227) 1995-06-06

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**[11] 2,178,635**  
 [13] C

[51] Int.Cl. 6G01N 33/569  
 [25] EN  
**IMMUNOFLUORESCENCE ASSAY FOR THE DETECTION OF ANTIBODIES USING RECOMBINANT ANTIGENS IN INSOLUBLE FORM**  
 [54] TITRAGE PAR IMMUNOFLUORESCENCE CONCERNANT LA DETECTION D'ANTICORPS ET UTILISANT DES ANTIGENES RECOMBINES SOUS FORME NON SOLUBLE  
 [72] HU, YU-WEN, CA  
 [73] HEMA-QUEBEC, CA  
 [73] THE CANADIAN BLOOD SERVICES/ SOCIETE CANADIENNE DU SANG, CA  
 [85] 1996-06-07  
 [86] 1994-12-09 (PCT/CA1994/000672)  
 [87] (WO1995/016040)  
 [30] US (08/164,789) 1993-12-10

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**[11] 2,179,893**  
 [13] C

[51] Int.Cl. 6E21B 17/10  
 [25] EN  
**CONTROL DEVICE FOR DRILLING A BORE HOLE**  
 [54] DISPOSITIF DE COMMANDE POUR LE FORAGE D'UN TROU  
 [72] LIW, LARS, SE  
 [73] LIW, LARS, SE  
 [85] 1996-06-25  
 [86] 1994-11-22 (PCT/SE1994/001113)  
 [87] (WO1995/018287)  
 [30] SE (9304322-2) 1993-12-29

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**[11] 2,180,720**  
 [13] C

[51] Int.Cl. 6A43B 5/06 6A43B 13/14  
 6A43B 13/38  
 [25] EN  
**ARTICLE OF FOOTWEAR FOR MORE EFFICIENT RUNNING**  
 [54] CHAUSSURE AMELIORANT L'Efficacite de la course  
 [72] CARLSON, J. MARTIN, US  
 [73] CARLSON, J. MARTIN, US  
 [85] 1996-07-08  
 [86] 1995-01-17 (PCT/US1995/000595)  
 [87] (WO1995/019717)  
 [30] US (08/183,360) 1994-01-19

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**[11] 2,181,789**  
 [13] C

[51] Int.Cl. 6A61M 15/00  
 [25] EN  
**METERED DOSE INHALER**  
 [54] INHALATEUR A MESURE DES DOSES  
 [72] JEWETT, WARREN R., US  
 [72] EBELING, FREDERICK A., US  
 [73] KOS LIFE SCIENCES, INC., US  
 [85] 1996-07-22  
 [86] 1995-11-14 (PCT/US1995/014759)  
 [87] (WO1996/016686)  
 [30] US (08/346,524) 1994-11-29

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**[11] 2,183,540**  
 [13] C

[51] Int.Cl. 6F16H 55/08 6F16H 1/32  
 [25] EN  
**FLEXIBLE MESHING TYPE GEAR HAVING A NEGATIVE DEFLECTION OVER-RUNNING TOOTH PROFILE**  
 [54] TRANSMISSION SEMI-RIGIDE A ENGRENEMENT AYANT UN PROFIL DE DENTS A DEPASSEMENT ET DEVIATION NEGATIVE  
 [72] ISHIKAWA, SHOICHI, JP  
 [73] HARMONIC DRIVE SYSTEMS INC., JP  
 [85] 1996-08-16  
 [86] 1994-12-19 (PCT/JP1994/002141)  
 [87] (WO1996/019683)

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**[11] 2,185,457**  
[13] C

[51] Int.Cl. 6A61K 31/785 6A61K 33/00  
[25] EN  
[54] USE OF NITRIC OXIDE-  
RELEASING POLYMERS TO TREAT  
RESTENOSIS AND RELATED  
DISORDERS  
[54] UTILISATION DE POLYMERES  
LIBERANT DE L'ACIDE NITRIQUE  
DANS LE BUT DE TRAITER LA  
RESTENOSE ET DES MALADIES  
APPARENTEES  
[72] KEEFER, LARRY K., US  
[72] HUTSELL, THOMAS C., US  
[73] COMEDICUS, INC., US  
[73] THE UNITED STATES OF AMERICA,  
REPRESENTED BY THE SECRETARY,  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES, US  
[85] 1996-09-12  
[86] 1995-03-09 (PCT/US1995/003040)  
[87] (WO1995/024908)  
[30] US (214,372) 1994-03-17

**[11] 2,186,266**  
[13] C

[51] Int.Cl. 6A61C 7/16  
[25] EN  
[54] ATTACHMENT OF  
ORTHODONTIC BRACKETS  
[54] FIXATION D'ATTACHEMENTS  
ORTHODONTIQUES  
[72] SILVERMAN, ELLIOTT, US  
[72] COHEN, MORTON, US  
[73] COHEN, MORTON, US  
[85] 1996-09-23  
[86] 1995-03-21 (PCT/US1995/003558)  
[87] (WO1995/025477)  
[30] US (08/215,266) 1994-03-21  
[30] US (08/327,233) 1994-10-21

**[11] 2,186,562**  
[13] C

[51] Int.Cl. 6B23P 15/02 6B21D 53/78  
[25] FR  
[54] PROCEDE DE FABRICATION  
D'UNE AUBE CREUSE DE  
TURBOMACHINE  
[54] PROCESS FOR THE  
FABRICATION OF A TURBINE  
ENGINE HOLLOW VANE  
[72] BICHON, MATHIEU, FR  
[72] COUDRAY, XAVIER, FR  
[72] DEBLOIS, ALEX, FR  
[72] DE KERMADEC, CHRISTOPHE, FR  
[72] LACUISSÉ, JEAN-FRANCOIS, FR  
[72] ROLLAND, BRUNO, FR  
[73] SOCIETE DASSAULT AVIATION, FR  
[73] SNECMA MOTEURS, FR  
[22] 1996-09-26  
[30] FR (9511300) 1995-09-27

**[11] 2,186,916**  
[13] C

[51] Int.Cl. 6C07F 7/18 6C07D 305/14  
[25] FR  
[54] PROCEDE DE PREPARATION DE  
TRIALKOYLSILYL-7 BACCATINE III  
[54] PROCESS FOR PREPARING 7-  
TRIALKYLSILYL BACCATIN III  
[72] BASTART, JEAN-PIERRE, FR  
[72] LECONTE, JEAN-PIERRE, FR  
[73] RHONE-POULENC RORER S.A., FR  
[85] 1996-09-30  
[86] 1995-04-03 (PCT/FR1995/000419)  
[87] (WO1995/026967)  
[30] FR (94/03979) 1994-04-05

**[11] 2,188,378**  
[13] C

[51] Int.Cl. 6G09F 3/02  
[25] EN  
[54] MASKED PROTECTED IMAGE  
PRESSURE SENSITIVE LABEL  
[54] MASQUE PROTECTEUR POUR  
ETIQUETTE AUTOCOLLANTE  
[72] DENKLAU, MICHAEL DEAN, US  
[73] THE STANDARD REGISTER  
COMPANY, US  
[22] 1996-10-21  
[30] US (08/599,676) 1996-02-12

**[11] 2,189,320**  
[13] C

[51] Int.Cl. 6F16L 9/147 6B29C 47/02  
6B29C 47/06 6B29C 65/54 6A62C 35/68  
[25] EN  
[54] MULTILAYER FLUID CONDUITS  
[54] CANALISATIONS  
MULTICOUCHES  
[72] AUWIL, ANDREW L., US  
[72] BRANNAN, FRED, US  
[72] DALAL, GIRISH TRIKAMAL, US  
[72] EVANS, THOMAS L., US  
[72] MEYER, GEORGE G., US  
[72] MEYER, STEVEN J., US  
[72] SCHIAVONE, CARMINE L., US  
[72] SCHMITZ, THEODORE JOSEPH, US  
[73] CENTRAL SPRINKLER COMPANY, US  
[73] NOVEON IP HOLDINGS CORP., US  
[22] 1996-10-31  
[30] US (08/552,298) 1995-11-02

**[11] 2,189,692**  
[13] C

[51] Int.Cl. 6H02M 7/48 6H02M 3/07  
[25] FR  
[54] DISPOSITIF ELECTRONIQUE DE  
CONVERSION DE L'ENERGIE  
ELECTRIQUE  
[54] ELECTRONIC DEVICE FOR  
CONVERTING ELECTRICAL ENERGY  
[72] MEYNARD, THIERRY, FR  
[72] LAVIEVILLE, JEAN-PAUL, FR  
[72] CARRERE, PHILIPPE, FR  
[72] GONZALEZ, JUAN, FR  
[72] BETHOUX, OLIVIER, FR  
[73] GEC ALSTHOM TRANSPORT S.A., FR  
[85] 1996-11-05  
[86] 1996-03-06 (PCT/FR1996/000348)  
[87] (WO1996/028881)  
[30] FR (95/02818) 1995-03-10

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**[11] 2,189,836**  
[13] C

[51] Int.Cl. 6C09D 4/06 6C09D 175/06  
6D06N 3/14  
[25] EN  
[54] COATING COMPOSITION AND FLOOR COVERING INCLUDING THE COMPOSITION  
[54] COMPOSITION D'ENDUIT ET REVETEMENT DE PLANCHER COMPRENANT LADITE COMPOSITION  
[72] ROSENBERRY, ANGELA S., US  
[72] RUPP, CLAUDE R., US  
[72] SETTHACHAYANON, SONGVIT, US  
[73] AWI LICENSING COMPANY, US  
[22] 1996-11-07  
[30] US (08/566,545) 1995-12-04

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**[11] 2,191,629**  
[13] C

[51] Int.Cl. 6F16B 23/00  
[25] EN  
[54] FASTENER WITH NOVEL OUTSIDE CIRCUMFERENCE  
[54] AGRAFE AVEC UNE NOUVELLE CIRCONFERENCE EXTERIEURE  
[72] FENC, JERRY, CA  
[73] FENC, JERRY, CA  
[22] 1996-11-29

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**[11] 2,192,507**  
[13] C

[51] Int.Cl. 6G01R 1/067  
[25] EN  
[54] MOLTEN METAL INCLUSION SENSOR PROBES  
[54] DETECTEURS D'INCLUSIONS DE METAL FONDU  
[72] GUTHRIE, RODERICK I. L., CA  
[73] R. GUTHRIE RESEARCH ASSOCIATES INC., CA  
[22] 1996-12-10  
[30] US (08/570,919) 1995-12-12

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**[11] 2,193,038**  
[13] C

[51] Int.Cl. 6E21B 37/06  
[25] EN  
[54] A PROCESS FOR THE CONTROLLED FIXING OF SCALE INHIBITOR IN A SUBTERRANEAN FORMATION  
[54] PROCEDE DE FIXATION CONTROLEE D'INHIBITEUR DE DEPOTS CALCAIRES DANS UNE FORMATION SOUTERRAINE  
[72] DO ROSARIO, FRANCISCA FERREIRA, BR  
[72] KHALIL, CARLOS NAGIB, BR  
[72] BEZERRA, MARIA CARMEN MOREIRA, BR  
[72] RONDININI, SANDRA BOTELHO, BR  
[73] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR  
[22] 1996-12-16  
[30] BR (PI 9506108-8) 1995-12-28

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**[11] 2,195,827**  
[13] C

[51] Int.Cl. 6H01J 1/88  
[25] EN  
[54] ELECTRIC LAMP  
[54] LAMPE ELECTRIQUE  
[72] BEHR, GERHARD, DE  
[72] HELBIG, PETER, DE  
[72] STEINER, HERMANN, DE  
[72] WITTIG, CHRISTIAN, DE  
[73] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1997-01-23  
[30] DE (19602625.3) 1996-01-25

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**[11] 2,196,996**  
[13] C

[51] Int.Cl. 6B07C 3/00  
[25] EN  
[54] METHOD AND DEVICE FOR DISTRIBUTING LETTERS  
[54] METHODE ET DISPOSITIF DE DISTRIBUTION DU COURRIER  
[72] ALtenBURG, DIETER, DE  
[72] LINDE, HANS-JURGEN, DE  
[72] KECHEL, OTTMAR, DE  
[72] MOK, JOSEF, DE  
[72] PENERT, JURGEN, DE  
[72] TANZ, TORSTEN, DE  
[72] ZIMMERMAN, ARMIN, DE  
[72] NEUMANN, UWE, DE  
[72] MOHR, KARL-HEINZ, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1997-02-06  
[86] 1996-06-05 (PCT/EP1996/002440)  
[87] (WO1996/039262)  
[30] DE (195 20 057.8) 1995-06-06

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**[11] 2,198,387**  
[13] C

[51] Int.Cl. 6A46D 3/06  
[25] EN  
[54] PROCESS FOR MAKING ROTATING BRUSHES FOR AUTOMATIC CAR WASHES  
[54] PROCEDE DE FABRICATION DE BROSSES ROTATIVES DESTINES A DES LAVE-AUTOS AUTOMATIQUES  
[72] ZIGERLIG, MAX, CH  
[73] NOWITECK ESTABLISHMENT, LI  
[22] 1997-02-24  
[30] CH (00596/96) 1996-03-07

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**[11] 2,198,414**  
[13] C

[51] Int.Cl. 6A61F 2/66 6A61F 2/60  
[25] EN  
[54] JOINTLESS ARTIFICIAL FOOT  
[54] PIED ARTIFICIEL SANS JOINT  
[72] MARTIN, PIERRE, FR  
[72] CHABLOZ, PIERRE, FR  
[73] OTTO BOCK HEALTHCARE GMBH, DE  
[22] 1997-02-25  
[30] FR (9602990) 1996-03-04

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[11] 2,200,440  
[13] C

[51] Int.Cl. 6F27B 14/02 6B22D 41/01  
6B22D 41/04 6F27B 14/16 6F27B 14/18  
[25] EN  
[54] APPARATUS AND METHOD FOR  
THE SUPPLY OF MOLTEN METAL  
[54] APPAREIL ET PROCEDE  
D'ALIMENTATION EN METAL FONDU  
[72] LOCATELLI, JEREMY ROBIN, AU  
[73] COMALCO ALUMINIUM LIMITED,  
AU  
[85] 1997-03-19  
[86] 1995-09-20 (PCT/AU1995/000616)  
[87] (WO1996/009511)  
[30] AU (PM 8300) 1994-09-20

[11] 2,201,222  
[13] C

[51] Int.Cl. 6H02K 1/02  
[25] EN  
[54] MAGNET MOTOR STATOR  
[54] STATOR D'ELECTRO-AIMANT  
[72] TANAKA, MASARU, JP  
[72] TANAKA, TATSUAKI, JP  
[72] SUHARA, TOSHIHIRO, JP  
[72] MATSUMOTO, TOSHIHIRO, JP  
[72] SAGARA, HIROAKI, JP  
[72] MAEDA, YOSHIHIKO, JP  
[72] FUJIWARA, MASAKATSU, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 1997-03-27  
[30] JP (101897/1996) 1996-03-31  
[30] JP (101895/1996) 1996-03-31  
[30] JP (101894/1996) 1996-03-31

[11] 2,201,680  
[13] C

[51] Int.Cl. 6H04N 5/262 6G06T 5/00  
6H04N 13/02 6H04N 5/232  
[25] EN  
[54] PROCESSING IMAGE DATA  
[54] TRAITEMENT DE DONNEES  
D'IMAGERIE  
[72] KLOTZ, KARL-HEINZ, AT  
[73] AUTODESK CANADA INC., CA  
[22] 1997-04-03  
[30] GB (96 07 541.1) 1996-04-11

[11] 2,201,692  
[13] C

[51] Int.Cl. 6H04N 5/76 6H04N 5/781  
[25] EN  
[54] VIDEO DATA STORAGE  
[54] STOCKAGE DE DONNEES VIDEO  
[72] BOPARDIKAR, RAJU C., US  
[73] AUTODESK CANADA INC., CA  
[22] 1997-04-03  
[30] US (60/015,412) 1996-04-15

[11] 2,202,861  
[13] C

[51] Int.Cl. 6H04Q 7/38 6H04Q 7/32  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
SELECTIVELY ACCEPTING  
TELEPHONE CALLS WITHOUT  
ESTABLISHING VOICE  
COMMUNICATIONS  
[54] SYSTEMES ET PROCEDES  
PERMETTANT D'ACCEPTER  
SELECTIVEMENT DES APPELS  
TELEPHONIQUES SANS ETABLIR DE  
COMMUNICATION VOCALE  
[72] MOLNE, ANDERS, US  
[72] AHLBERG, BJORN G. D., SE  
[73] ERICSSON, INC., US  
[85] 1997-04-16  
[86] 1995-10-10 (PCT/US1995/012913)  
[87] (WO1996/012378)  
[30] US (08/323,850) 1994-10-17

[11] 2,204,212  
[13] C

[51] Int.Cl. 6H02H 3/20 6H02H 7/00  
[25] EN  
[54] LOAD ACTUATION CIRCUIT  
WITH A SURGE PROTECTING  
FUNCTION  
[54] CIRCUIT LIMITEUR DE  
SURTENSION ACTIVE PAR SA  
CHARGE  
[72] MAKINO, MASAHIWA, JP  
[72] SUGIURA, AKIRA, JP  
[72] BAN, HIROYUKI, JP  
[72] ISHIKAWA, FUKUO, JP  
[73] DENSO CORPORATION, JP  
[73] ANDEN CO., LTD., JP  
[22] 1997-05-01  
[30] JP (8-112399) 1996-05-07

[11] 2,207,989  
[13] C

[51] Int.Cl. 6H02M 7/10  
[25] FR  
[54] CHAINE DE TRACTION  
MULTICOURANT ET SON PROCEDE  
DE MISE EN OEUVRE  
[54] MULTICURRENT TRACTION  
CHAIN AND ITS IMPLEMENTATION  
PROCESS  
[72] MAI, SERGE, FR  
[73] GEC ALSTHOM TRANSPORT SA, FR  
[22] 1997-06-03  
[30] FR (96 06 869) 1996-06-04

[11] 2,208,081  
[13] C

[51] Int.Cl. 6H04L 27/32 6H04B 1/04  
6H04B 1/18  
[25] EN  
[54] DUAL-MODE FM/CDMA  
COMMUNICATION SYSTEM  
[54] SYSTEME DE COMMUNICATION  
FM/CDMA EN MODE DOUBLE  
[72] WILSON, NATHANIEL B., US  
[72] BLACK, PETER J., AU  
[73] QUALCOMM INCORPORATED, US  
[85] 1997-06-18  
[86] 1995-12-19 (PCT/US1995/016363)  
[87] (WO1996/020540)  
[30] US (373,122) 1994-12-23

[11] 2,208,182  
[13] C

[51] Int.Cl. 6H02P 6/20  
[25] FR  
[54] APPAREIL ET METHODE POUR  
DEMARRER UNE MACHINE  
SYNCHRONE  
[54] APPARATUS AND METHOD FOR  
STARTING A SYNCHRONOUS  
MACHINE  
[72] COUTURE, PIERRE, CA  
[72] FRANCOEUR, BRUNO, CA  
[72] LAMBERT, GHISLAIN, CA  
[73] HYDRO-QUEBEC, CA  
[85] 1997-05-30  
[86] 1995-12-05 (PCT/CA1995/000682)  
[87] (WO1996/020528)  
[30] US (08/365,459) 1994-12-28

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[11] **2,208,472**  
[13] C

[51] Int.Cl. 6B66C 1/22  
[25] EN  
**MATERIAL HANDLING IMPLEMENT**  
**[54] ACCESSOIRE POUR MATERIEL DE MANUTENTION**  
[72] WAY, RICHARD FRANCIS, GB  
[72] KNIGHT, DAVID JOHN, GB  
[73] J.C. BAMFORD EXCAVATORS LIMITED, GB  
[22] 1997-06-23  
[30] GB (9706859.7) 1997-04-04

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[11] **2,209,476**  
[13] C

[51] Int.Cl. 6H04Q 7/38 6H04B 7/185  
[25] FR  
**PROCEDE DE COMMUTATION D'UN CANAL D'UN PREMIER CHEMIN DE PROPAGATION VERS UN SECOND CHEMIN DE PROPAGATION**  
**[54] PROCESS FOR COMMUNICATION ON THE CHANNEL OF A FIRST PROPAGATION PATH TOWARDS A SECOND PROPAGATION PATH**  
[72] MAGNIER, ANNE, FR  
[72] SEBASTIEN, GERALD, FR  
[72] ROUFFET, DENIS, FR  
[72] COHEN, MICHEL, FR  
[73] ALCATEL ESPACE, FR  
[22] 1997-07-03  
[30] FR (96 08 339) 1996-07-04

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[11] **2,209,899**  
[13] C

[51] Int.Cl. 6G01N 29/04  
[25] EN  
**DEVICE FOR TESTING FERROMAGNETIC MATERIALS**  
**[54] DISPOSITIF PERMETTANT DE VERIFIER DES MATERIAUX FERROMAGNETIQUES**  
[72] BARBIAN, OTTO-ALFRED, DE  
[72] HUBSCHEN, GERHARD, DE  
[72] WILLEMS, HERBERT, DE  
[73] PII PIPETRONIX GMBH, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 1997-07-09  
[86] 1996-11-19 (PCT/EP1996/005095)  
[87] (WO1997/019346)  
[30] DE (195 43 481.1) 1995-11-22

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[11] **2,210,196**  
[13] C

[51] Int.Cl. 6H04N 7/01 6G06F 3/14  
[25] EN  
**VIDEO SIGNAL CONVERTER AND TELEVISION SIGNAL PROCESSING APPARATUS**  
**[54] CONVERTISSEUR DE SIGNAL VIDEO ET APPAREIL DE TRAITEMENT DE SIGNAL DE TELEVISION**  
[72] MIYATA, MINORU, JP  
[72] UWABATA, HIDEYO, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-07-11  
[30] JP (8-181906) 1996-07-11

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[11] **2,210,508**  
[13] C

[51] Int.Cl. 6H04L 7/04 6H04B 10/12  
[25] EN  
**METHOD FOR THE TRANSMISSION OF A LOW-RATE SUPPLEMENTARY CHANNEL IN HIGH-RATE COHERENT OPTICAL TRANSMISSION SYSTEMS**  
**[54] METHODE DE TRANSMISSION DE DONNEES SUR UN CANAL SUPPLEMENTAIRE A FAIBLE DEBIT DANS UN SYSTEME DE TRANSMISSION OPTIQUE COHERENT A GRAND DEBIT**  
[72] WANDERNOTH, BERNHARD, CH  
[72] CZICHY, REINHARD HANNO, CH  
[73] CONTRAVES SPACE AG, CH  
[22] 1997-07-23  
[30] CH (1996 2414/96) 1996-10-05

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[11] **2,211,560**  
[13] C

[51] Int.Cl. 6H04Q 11/02  
[25] EN  
**METHOD FOR OPERATING A MULTISTAGE NXN SPACE DIVISION SWITCHING ARRANGEMENT**  
**[54] PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE COMMUTATION SPATIALE NXN MULTINIVEAU**  
[72] JAHEREIS, OLIVER, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1997-07-25  
[86] 1996-01-01 (PCT/DE1996/000001)  
[87] (WO1996/023389)  
[30] DE (195 02 547.4) 1995-01-27

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[11] **2,213,913**  
[13] C

[51] Int.Cl. 6B61D 7/24 6B61D 7/20  
[25] EN  
**RAILWAY HOPPER CAR DISCHARGE GATE ASSEMBLY**  
**[54] REGISTRE DE VIDANGE POUR WAGON-TREMIE**  
[72] TOMS, ROBERT S., US  
[72] SENN, BRIAN A., US  
[72] DOHR, JEREMY J., US  
[72] FISCHER, ROBERT T., US  
[73] MINER ENTERPRISES, INC., US  
[22] 1997-08-26  
[30] US (08/710,224) 1996-09-13

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[11] **2,214,477**  
[13] C

[51] Int.Cl. 6B60T 13/68  
[25] EN  
**ELECTRONIC BRAKE CONTROLLER WITH DISPLAY**  
**[54] REGULATEUR ELECTRONIQUE DE FREIN MUNI D'UN DISPOSITIF D'AFFICHAGE**  
[72] ALLEN, JOHN, US  
[72] WRIGHT, ERIC, US  
[73] NEW YORK AIR BRAKE CORPORATION, US  
[22] 1997-09-12  
[30] US (60/026,039) 1996-09-13  
[30] US (08/801,918) 1997-02-14

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[11] **2,216,450**  
[13] C

[51] Int.Cl. 6A61F 2/44 6A61F 2/46 6A61B 17/70  
[25] EN  
**A SPINAL CAGE ASSEMBLY**  
**[54] CAGE MEDULLAIRE**  
[72] ROBIONECK, BERND, DE  
[72] METZ-STAVENHAGEN, PETER, DE  
[73] STRYKER TRAUMA GMBH, DE  
[22] 1997-09-25  
[30] DE (296 16 778.9) 1996-09-26

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[11] 2,217,243  
[13] C

[51] Int.Cl. 6H04Q 7/38 6H04Q 7/36  
[25] EN  
[54] SYSTEM AND METHOD FOR PROVIDING PRIORITY ACCESS AND CHANNEL ASSIGNMENT IN A CELLULAR TELECOMMUNICATION SYSTEM  
[54] SYSTEME ET METHODE PERMETTANT D'ATTRIBUER LA PRIORITE D'ACCES ET D'ASSIGNER DES CANAUX DANS UN SYSTEME DE TELECOMMUNICATIONS CELLULAIRE  
[72] JOSEPH, ROBIN STEPHANIE, CA  
[72] HOUBE, MICHEL, CA  
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 1997-10-02  
[86] 1996-03-26 (PCT/SE1996/000387)  
[87] (WO1996/033584)  
[30] US (08/423,798) 1995-04-17

[11] 2,218,078  
[13] C

[51] Int.Cl. 6A61K 7/11 6A61K 7/032  
6A61K 7/06  
[25] FR  
[54] COMPOSITION COSMETIQUE COMPRENANT UN POLYMERÉ ANIONIQUE ACRYLIQUE ET UNE SILICONE OXYALKYLENEE  
[54] COSMETIC COMPOSITION INCLUDING AN ACRYLIC ANIONIC POLYMER AND AN OXYALKYLENE SILICONE  
[72] DUPUIS, CHRISTINE, FR  
[73] L'OREAL, FR  
[85] 1997-11-03  
[86] 1997-03-13 (PCT/FR1997/000450)  
[87] (WO1997/033554)  
[30] FR (96/03233) 1996-03-14

[11] 2,219,953  
[13] C

[51] Int.Cl. 6H04M 3/42 6G11B 5/00  
6G11B 23/00 6G10L 9/14 6G06F 17/30  
[25] EN  
[54] AUTOMATED DIRECTORY ASSISTANCE SYSTEM UTILIZING A HEURISTICS MODEL FOR PREDICTING THE MOST LIKELY REQUESTED NUMBER  
[54] SYSTEME D'ASSISTANCE-ANNUAIRE AUTOMATISE UTILISANT UN MODELE HEURISTIQUE POUR PREVOIR LE NUMERO DEMANDE LE PLUS PROBABLE  
[72] GUPTA, VISHWA, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-10-30  
[30] US (08/767,503) 1996-12-16

[11] 2,223,163  
[13] C

[51] Int.Cl. 6G09F 3/00 6B41M 3/14  
[25] EN  
[54] PROCESS FOR PRODUCING MULTILAYERED MICROPARTICLES  
[54] PROCEDE DE PRODUCTION DE MICROPARTICULES A COUCHES MULTIPLES  
[72] SIMONS, ROLF, DE  
[73] SIMONS DRUCK + VERTRIEB GMBH, DE  
[85] 1997-12-02  
[86] 1997-04-09 (PCT/EP1997/001762)  
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[30] DE (196 14 174.5) 1996-04-10

[11] 2,223,550  
[13] C

[51] Int.Cl. 6F17D 1/16  
[25] EN  
[54] PROCESS FOR MOVING HEAVY CRUDE OILS WITH WATER HAVING A HIGH CONTENT OF SALTS  
[54] PROCEDE PERMETTANT DE DEPLACER LES PETROLES BRUTS LOURDS AU MOYEN D'EAU SALINITE ELEVEE  
[72] MARCOTULLIO, ARMANDO, IT  
[72] MANCLOSSI, ANNIBALE, IT  
[72] DI LULLO, ALBERTO, IT  
[72] BORGARELLO, ENRICO, IT  
[73] AGIP S.P.A., IT  
[22] 1998-01-05  
[30] IT (MI97A000122) 1997-01-23

[11] 2,224,805  
[13] C

[51] Int.Cl. 6G01V 3/32 6G01N 15/08  
[25] EN  
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[54] DIAGRAPHIE PAR RESONANCE MAGNETIQUE NUCLEAIRE (RMN) DES POCHE DE GAZ NATUREL  
[72] TUTUNJIAN, PIERRE NAZARETH, US  
[72] VINEGAR, HAROLD JAY, US  
[72] AKKURT, RIDVAN, US  
[73] SHELL CANADA LIMITED, CA  
[85] 1997-12-16  
[86] 1996-06-20 (PCT/EP1996/002691)  
[87] (WO1997/001110)  
[30] US (000,393) 1995-06-21

[11] 2,228,110  
[13] C

[51] Int.Cl. 6A41B 13/10  
[25] EN  
[54] BIB HAVING AN IMPROVED POCKET  
[54] BAVETTE AYANT UNE POCHE AMELIOREE  
[72] REINHART, RICHARD NICHOLAS JR., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-01-28  
[86] 1996-07-30 (PCT/US1996/012476)  
[87] (WO1997/005793)  
[30] US (08/513,496) 1995-08-10

[11] 2,229,613  
[13] C

[51] Int.Cl. 6D21F 1/10 6D03D 15/00  
6D21F 7/08  
[25] EN  
[54] PAPERMAKER'S FABRIC WITH ADDITIONAL CROSS MACHINE DIRECTION YARNS POSITIONED IN SADDLES  
[54] TOILE DE PAPETERIE COMPLETEE DE FILS TRANSVERSAUX DE GAUFRAGE  
[72] WILSON, ROBERT G., US  
[73] WEAVEXX CORPORATION, US  
[85] 1998-02-13  
[86] 1996-08-14 (PCT/US1996/013114)  
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[30] US (08/515,821) 1995-08-16

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[11] **2,229,819**  
[13] C

[51] Int.Cl. 6A01B 63/10  
[25] EN  
[54] OPERATING DEVICE FOR A WORKING VEHICLE  
[54] DISPOSITIF D'ACTIONNEMENT POUR VEHICULE UTILITAIRE  
[72] TOGAMI, SHUICHI, JP  
[72] SHIMADA, TAKANOBU, JP  
[72] FUJIKI, KATSUMI, JP  
[73] SEIREI INDUSTRY CO., LTD., JP  
[73] YANMAR AGRICULTURAL EQUIPMENT CO., LTD., JP  
[85] 1998-02-18  
[86] 1996-08-05 (PCT/JP1996/002210)  
[87] (WO1997/009870)  
[30] JP (7-232420) 1995-09-11  
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[11] **2,230,630**  
[13] C

[51] Int.Cl. 6H04L 9/08  
[25] EN  
[54] ROOT KEY COMPROMISE RECOVERY  
[54] REPARATION DE LA COMPROMISSION D'UN CODE RACINE  
[72] SPELMAN, JEFFREY F., US  
[72] THOMLINSON, MATTHEW W., US  
[73] MICROSOFT CORPORATION, US  
[85] 1998-02-26  
[86] 1996-11-14 (PCT/US1996/018037)  
[87] (WO1997/018655)  
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[13] C

[51] Int.Cl. 6G01S 5/14 6H04H 3/00  
6H04B 7/204  
[25] EN  
[54] DIFFERENTIAL GROUND STATION REPEATER  
[54] REPETEUR DIFFERENTIEL POUR STATION AU SOL  
[72] STANGELAND, RODNEY L., US  
[73] HONEYWELL INC., US  
[85] 1998-03-09  
[86] 1996-10-18 (PCT/US1996/016702)  
[87] (WO1997/016745)  
[30] US (08/550,488) 1995-10-30

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[11] \* **2,231,810**  
[13] C

[51] Int.Cl. 6G06F 17/30 6G06F 15/16  
6G06F 11/30  
[25] EN  
[54] LOAD BALANCING ACROSS THE PROCESSORS OF A SERVER COMPUTER  
[54] EQUILIBRAGE DE CHARGES PARMI LES PROCESSEURS D'UN ORDINATEUR DE TYPE SERVEUR  
[72] STANFORD-CLARK, ANDREW JAMES, GB  
[72] MARTIN, SEAN JAMES, GB  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1998-03-11  
[86] 1996-12-04 (PCT/GB1996/002983)  
[87] (WO1997/029423)  
[30] GB (9601559.9) 1996-01-26

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[13] C

[51] Int.Cl. 6C22C 38/14 6B23K 9/025  
6B23K 9/028 6C22C 38/18 6B23K 9/18  
[25] EN  
[54] WELDED HIGH-STRENGTH STEEL STRUCTURES AND METHODS OF MANUFACTURING THE SAME  
[54] DESCRIPTION ET METHODES DE FABRICATION DE STRUCTURES SOUDEES EN ACIER TRES RESISTANT  
[72] HAMADA, MASAHIKO, JP  
[72] MONCHO, TAKESHI, JP  
[72] KOMIZO, YU-ICHI, JP  
[73] SUMITOMO METAL INDUSTRIES LTD., JP  
[22] 1998-03-12  
[30] JP (9-72870) 1997-03-26

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[11] **2,232,078**  
[13] C

[51] Int.Cl. 6G11B 17/032  
[25] EN  
[54] DISK PLAYBACK DEVICE  
[54] LECTEUR DE DISQUE  
[72] KAMEMURA, TAKESHI, JP  
[72] KATO, TATSUNORI, JP  
[72] MORI, TORU, JP  
[72] MOTOKI, MASANORI, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[73] SANYO TECNOSOUND CO., LTD., JP  
[22] 1998-03-13  
[30] JP (9-60324) 1997-03-14  
[30] JP (9-133203) 1997-05-23  
[30] JP (9-170060) 1997-06-26  
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[30] JP (9-265484) 1997-09-30

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[11] **2,232,179**  
[13] C

[51] Int.Cl. 6B65G 19/08 6B65G 19/28  
[25] EN  
[54] DRAG CONVEYOR SYSTEM FOR PARTICULATE MATERIAL  
[54] CONVOYEUR A RACLOIRS POUR MATIERES PARTICULAIRES  
[72] BAKER, JON F., US  
[73] SIDNEY MANUFACTURING COMPANY, US  
[22] 1998-03-16  
[30] US (08/905,012) 1997-08-11

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[13] C

[51] Int.Cl. 6B03B 9/02  
[25] EN  
[54] METHOD FOR PROCESSING A DILUTED OIL SAND FROTH  
[54] METHODE DE TRAITEMENT D'UNE MOUSSE DE SABLE BITUMINEUX DILUEE  
[72] POWER, WILLIAM JAMES, CA  
[72] BIRKHOLZ, ROBERT KARL OTTO, CA  
[72] TIPMAN, NORMAN ROBERT, CA  
[73] SHELL CANADA LIMITED, CA  
[22] 1998-03-24  
[30] CA (2200899) 1997-03-25

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[11] **2,233,237**  
[13] C

[51] Int.Cl. 6G11B 23/03 6G11B 17/22  
6G11B 17/30  
[25] EN  
[54] DISK RECORDING-PLAYBACK DEVICE, DISK TRAY FOR USE IN THE DEVICE, AND METHOD OF EJECTING THE TRAY  
[54] DISPOSITIF D'ENREGISTREMENT-LECTURE DE DISQUE, PLATEAU A DISQUE POUR CE DISPOSITIF ET METHODE D'EJECTION DU PLATEAU  
[72] MOTOKI, MASANORI, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 1998-03-27  
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[30] JP (9-77290) 1997-03-28  
[30] JP (9-78018) 1997-03-28  
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[13] C

[51] Int.Cl. 6G11B 23/18 6G11B 31/00  
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6G11B 23/36  
[25] EN  
[54] KARAOKE SYSTEM AND  
CONTENTS STORAGE MEDIUM  
THEREFOR  
[54] SYSTEME DE KARAOKE ET  
MOYEN DE STOCKAGE DE CONTENU  
ASSOCIE  
[72] TOYOSAWA, MASAO, JP  
[72] MINO, HIROSHI, JP  
[73] DAIICHI KOSHIO CO., LTD., JP  
[22] 1998-03-27  
[30] JP (9-83040) 1997-04-01  
[30] JP (9-94060) 1997-04-11

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[11] 2,233,849  
[13] C

[51] Int.Cl. 6G02B 6/126  
[25] EN  
[54] INTEGRATED POLARIZATION  
COMPENSATOR FOR POLARIZATION  
INSENSITIVE WAVELENGTH MULTI/  
DEMULITPLEXERS BASED ON  
WAVEGUIDE DIFFRACTION  
GRATINGS  
[54] COMPENSATEUR DE  
POLARISATION INTEGRE POUR  
MULTIPLEXEURS-  
DEMULITPLEXEURS EN LONGUEUR  
D'ONDE INSENSIBLES A LA  
POLARISATION, FONDÉ SUR DES  
RESEAUX DE DIFFRACTION DE  
GUIDES D'ONDES  
[72] KOTELES, EMIL S., CA  
[72] HE, JIAN JUN, CA  
[72] LAMONTAGNE, BORIS, CA  
[72] ERICKSON, LYNDEN, CA  
[72] DELAGE, ANDRE, CA  
[73] HER MAJESTY IN RIGHT OF  
CANADA AS REPRESENTED BY THE  
NATIONAL RESEARCH C OUNCIL OF  
CANADA, CA  
[22] 1998-03-31

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[11] 2,235,808  
[13] C

[51] Int.Cl. 6G02B 5/10 6G02B 26/08  
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[54] A REFLECTOR  
[54] REFLECTEUR  
[72] DENHAM, EDWARD CHARLES, GB  
[72] BRIDGWATER, RAYMOND JOHN,  
GB  
[72] FURLONG, GERARD ANTHONY, GB  
[72] NORDBERG, ANTHONY, GB  
[73] THOMSON TRAINING &  
SIMULATION LIMITED, GB  
[85] 1998-04-24  
[86] 1996-10-23 (PCT/GB1996/002596)  
[87] (WO1997/015847)  
[30] GB (9521948.1) 1995-10-26

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[11] 2,235,865  
[13] C

[51] Int.Cl. 6E21B 7/08 6E21B 29/06  
[25] EN  
[54] HIGH TORQUE PRESSURE  
SLEEVE FOR EASILY DRILLABLE  
CASING EXIT PORTS  
[54] MANCHON A COUPLE ELEVEE  
DESTINEE AUX ORIFICES DE SORTIE  
D'UN TUBAGE A FORAGE FACILE  
[72] NISTOR, RADU NICOLAE, CA  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1998-04-23

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[11] 2,236,508  
[13] C

[51] Int.Cl. 6B27B 27/04 6B27B 25/02  
[25] EN  
[54] CIRCULATING PADDLE  
POSITIONING FENCE WITH  
FLEXIBLE TRACK  
[54] BARRIERE DE POSITIONNEMENT  
EMPLOYANT UNE PALE A  
CIRCULATION ET AYANT UNE PISTE  
DE GUIDAGE FLEXIBLE  
[72] HANNEBAUER, JAMES B., CA  
[72] JACKSON, JAMES G., CA  
[73] COE NEWNES/MCGEHEE ULC, CA  
[22] 1998-05-01

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[11] 2,238,297  
[13] C

[51] Int.Cl. 6C12Q 1/68  
[25] EN  
[54] CHAIN-TERMINATION TYPE  
NUCLEIC ACID SEQUENCING  
METHOD INCLUDING 2'-  
DEOXYURIDINE-5'-TRIPHOSPHATE  
[54] PROCEDE DE SEQUENCAGE  
D'ACIDES NUCLEIQUES PAR LA  
METHODE DE SANGER, UTILISANT  
DU 2'-DEOXYURIDINE-5'-  
TRIPHOSPHATE  
[72] LEE, LINDA G., US  
[72] ROSENBLUM, BARNETT B., US  
[73] APPLERA CORPORATION, US  
[85] 1998-05-22  
[86] 1997-11-12 (PCT/US1997/020443)  
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[30] US (60/032,608) 1996-12-05  
[30] US (08/785,581) 1997-01-21

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[13] C

[51] Int.Cl. 6G01V 1/44  
[25] EN  
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ROCK FORMATION ANALYSIS  
[54] UTILISATION D'EMISSION  
ACOUSTIQUE DANS L'ANALYSE DE  
FORMATIONS ROCHEUSES  
[72] KENTER, CORNELIS JAN, NL  
[72] EMMEN, JACOBUS HENDRIKUS  
PETRUS MARIA, NL  
[73] SHELL CANADA LIMITED, CA  
[85] 1998-05-29  
[86] 1996-12-06 (PCT/EP1996/005610)  
[87] (WO1997/021116)  
[30] EP (95203401.5) 1995-12-07

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[11] 2,238,952  
[13] C

[51] Int.Cl. 6H01L 33/00 6H01L 31/0224  
6H01L 29/205  
[25] EN  
[54] LOW RESISTANCE CONTACT  
SEMICONDUCTOR DIODE  
[54] DIODE A SEMI-CONDUCTEURS A  
CONTACT A FAIBLE RESISTANCE  
[72] ASHLEY, TIMOTHY, GB  
[72] PRYCE, GRAHAM JOHN, GB  
[73] QINETIQ LIMITED, GB  
[85] 1998-05-28  
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[30] GB (9524414.1) 1995-11-29

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[51] Int.Cl. 6A61C 15/04  
 [25] EN  
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**SOIE DENTAIRE CORRECTIVE**  
 [72] MARCON, ROBERT VICTOR, CA  
 [73] MARCON, ROBERT VICTOR, CA  
 [22] 1998-07-09  
 [30] US (60/052,167) 1997-07-10

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 [13] C

[51] Int.Cl. 6G02B 6/36  
 [25] EN  
**A DEVICE FOR OPTICAL CONNECTION OF AN OPTICAL FIBRE, WITH ANOTHER OPTICAL ELEMENT**  
**DISPOSITIF POUR CONNEXION OPTIQUE D'UNE FIBRE OPTIQUE AVEC UN AUTRE ELEMENT OPTIQUE**  
 [72] FOLDI, PETER, SE  
 [73] FORMEX AB, SE  
 [22] 1998-06-03  
 [30] SE (9702754-4) 1997-07-18

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[11] **2,240,472**  
 [13] C

[51] Int.Cl. 6H04L 12/56 6H04L 12/20  
 6H04B 1/66  
 [25] EN  
**ATM DYNAMIC CONNECTION BANDWIDTH CONTROL**  
**COMMAND DE BANDE PASSANTE DE CONNEXIONS DYNAMIQUES ATM**  
 [72] TOOP, DARREN FREDERICK, CA  
 [72] VALLEE, RICHARD, CA  
 [72] JAMOUSSI, BILEL, CA  
 [73] NORTEL NETWORKS LIMITED, CA  
 [22] 1998-06-12  
 [30] US (08/895,261) 1997-07-16

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[11] **2,240,628**  
 [13] C

[51] Int.Cl. 6G01S 5/06 6G01S 5/14  
 [25] EN  
**POSITION LOCATION SYSTEM AND METHOD**  
**PROCEDE ET SYSTEME DE LOCALISATION DE POSITION**  
 [72] BUSSGANG, JULIAN, US  
 [72] PARL, STEEN A., US  
 [72] WEITZEN, JAY, US  
 [72] ZAGAMI, JAMES M., US  
 [73] SIGNATRON TECHNOLOGY CORPORATION, US  
 [85] 1998-06-15  
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 [87] (WO1997/022888)  
 [30] US (08/573,057) 1995-12-15

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[11] **2,241,290**  
 [13] C

[51] Int.Cl. 6F02M 31/10 6F02M 25/10  
 [25] EN  
**AIR AND FUEL SYSTEM FOR CARBURETOR AND FUEL INJECTION SYSTEMS**  
**SYSTEME D'AIR ET CIRCUIT DE CARBURANT POUR CARBURATEUR ET SYSTEMES D'INJECTION DE CARBURANT**  
 [72] COX, CARL C., US  
 [73] COX, CARL C., US  
 [22] 1998-06-22

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[11] **2,241,957**  
 [13] C

[51] Int.Cl. 6H04L 5/20 6H04L 5/02  
 6H04L 12/56  
 [25] EN  
**A SERVICE MULTIPLEXER WITH BANDWITH CONTROL AND SIGNAL SOURCE FEEDBACK**  
**MULTIPLEXEUR DE SERVICE AVEC COMMANDE DE LARGEUR DE BANDE ET A RETROACTION DE SOURCES DE SIGNAUX**  
 [72] SMITH, AVRIL JOY, GB  
 [72] ADAMS, JOHN LEONARD, GB  
 [73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
 [85] 1998-07-02  
 [86] 1997-01-08 (PCT/GB1997/000038)  
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 [30] EP (96300199.5) 1996-01-09

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[11] **2,242,289**  
 [13] C

[51] Int.Cl. 6F16B 9/02 6F16B 29/00  
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 [25] EN  
**IMPROVEMENTS RELATING TO FASTENING DEVICES**  
**AMELIORATIONS CONCERNANT DES DISPOSITIFS DE FIXATION**  
 [72] TOOK, IAN FRANK, GB  
 [73] MITA (UK) LTD., GB  
 [85] 1998-07-03  
 [86] 1996-11-28 (PCT/GB1996/002929)  
 [87] (WO1997/025541)  
 [30] GB (9600638.2) 1996-01-12

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[11] **2,242,477**  
 [13] C

[51] Int.Cl. 6G02C 7/02 6G02B 3/02  
 [25] EN  
**ASPHERICAL EYEGLASS LENS**  
**LENTILLE DE CONTACT ASPHERIQUE**  
 [72] QI, HUA, JP  
 [72] MINATO, ATSUO, JP  
 [72] YAMAKAJI, TETSUMA, JP  
 [73] HOYA CORPORATION, JP  
 [85] 1998-07-08  
 [86] 1997-01-14 (PCT/JP1997/000054)  
 [87] (WO1997/026578)  
 [30] JP (8-5242) 1996-01-16  
 [30] JP (8-5243) 1996-01-16

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[11] **2,242,896**  
 [13] C

[51] Int.Cl. 6C08L 61/06 6C03C 25/02  
 6C08L 61/14 6C08K 5/3492  
 [25] EN  
**WATER SOLUBLE AND STORAGE STABLE RESOLE-MELAMINE RESIN**  
**RESINE MELAMINE-RESOL SOLUBLE DANS L'EAU ET STABLE LORS DE L'ENTREPOSAGE**  
 [72] WALISSER, WAYNE R., US  
 [72] JOHNSON, CALVIN K., US  
 [73] BORDEN CHEMICAL, INC., US  
 [22] 1998-07-09  
 [30] US (963,483) 1997-11-03

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[13] C

[51] Int.Cl. 6E21B 49/00 6E21B 25/00  
[25] EN  
[54] CORE SAMPLING METHOD AND  
CORE SAMPLER THEREFOR  
[54] PROCEDE DE CAROTTAGE ET  
CAROTTIER POUR SA MISE EN  
OEUVRE  
[72] KENTER, COR, NL  
[72] BRIGNOLI, MARCO, IT  
[72] HOLT, RUNE, NO  
[72] FANUEL, PHILIPPE, BE  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[85] 1998-07-13  
[86] 1997-01-15 (PCT/BE1997/000005)  
[87] (WO1997/026439)  
[30] BE (9600033) 1996-01-15

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[13] C

[51] Int.Cl. 6A45C 11/20 6A63B 57/00  
6F25D 3/08 6B65D 81/38  
[25] EN  
[54] PACK STRUCTURE  
[54] STRUCTURE DE SAC A  
COMPARTIMENTS  
[72] MOGIL, MELVIN SHELDON, CA  
[73] CALIFORNIA INNOVATIONS INC.,  
CA  
[22] 1998-07-23

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[11] 2,244,446  
[13] C

[51] Int.Cl. 6H04B 15/00 6H04B 3/23  
[25] EN  
[54] SIGNAL PROCESSOR FOR  
REDUCING UNDESIRABLE SIGNAL  
CONTENT  
[54] PROCESSEUR DE SIGNAUX  
SERVANT A REDUIRE LES SIGNAUX  
INDESIRABLES  
[72] SNELGROVE, MARTIN, CA  
[72] YU, LI, CA  
[73] SKYWORKS SOLUTIONS, INC., US  
[22] 1998-07-31  
[30] CA (2,209,509) 1997-08-01

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[11] 2,245,245  
[13] C

[51] Int.Cl. 6H01H 13/50  
[25] FR  
[54] DISPOSITIF DE COMMANDE OU  
DE SIGNALISATION TEL QU'UN  
BOUTON-POUSSOIR  
[54] CONTROL OR SIGNALLING  
DEVICE SUCH AS A PUSH-BUTTON  
[72] BENNI, DOMINIQUE, FR  
[73] SCHNEIDER ELECTRIC S.A., FR  
[85] 1998-07-28  
[86] 1997-01-29 (PCT/FR1997/000171)  
[87] (WO1997/028552)  
[30] FR (96/01463) 1996-02-02

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[11] 2,245,525  
[13] C

[51] Int.Cl. 6H03G 3/00  
[25] EN  
[54] FAT SOUND CREATION MEANS  
[54] MOYEN DE CREATION DE SONS  
GRAS  
[72] PRITCHARD, ERIC K., US  
[73] PRITCHARD, ERIC K., US  
[85] 1998-08-11  
[86] 1997-02-22 (PCT/US1997/002787)  
[87] (WO1997/032394)  
[30] US (08/607,450) 1996-02-27

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[11] 2,248,654  
[13] C

[51] Int.Cl. 6H01B 3/44  
[25] EN  
[54] ETHYLENE POLYMER  
COMPOSITION FOR CABLE  
APPLICATIONS  
[54] COMPOSITION A BASE DE  
POLYMERÉ D'ETHYLENE POUR  
CABLES  
[72] MCADA, RICHARD B., US  
[72] KALE, LAWRENCE T., US  
[72] IACCINO, TRUDY L., US  
[72] BOW, KENNETH E., US  
[73] DOW GLOBAL TECHNOLOGIES  
INC., US  
[85] 1998-09-09  
[86] 1997-04-01 (PCT/US1997/005297)  
[87] (WO1997/038424)  
[30] US (08/631,320) 1996-04-10

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[11] 2,249,248  
[13] C

[51] Int.Cl. 6D21D 5/26 6F04D 7/04 6F04D  
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[25] EN  
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[54] PROCEDE ET DISPOSITIF POUR  
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[72] KOTKANIEMI, LEO, SE  
[73] VALMET FIBERTECH  
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[11] 2,249,345  
[13] C

[51] Int.Cl. 6G06F 17/10  
[25] EN  
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CONVERSION USING BLEND LOGIC  
[54] PROCEDE ET APPAREIL  
DESTINES A EXECUTER UNE  
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[73] MICRON TECHNOLOGY, INC., US  
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[54] PANNEAU STRUCTUREL A AME  
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LINTEAU INCORPORE  
[72] TARABA, EMIL M., CA  
[72] TARABA, JEFFREY M., CA  
[73] TARABA, EMIL M., CA  
[73] TARABA, JEFFREY M., CA  
[85] 1998-09-30  
[86] 1997-04-08 (PCT/CA1997/000230)  
[87] (WO1997/038178)  
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6B29C 65/78  
[25] EN  
[54] METHOD AND APPARATUS FOR APPLYING EDGE MEMBERS TO A WINDOW  
[54] METHODE ET APPAREIL POUR L'APPLICATION DE BORDURES A UNE FENETRE  
[72] MACKEY, DONALD A., US  
[73] PPG INDUSTRIES OHIO, INC., US  
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[30] US (08/989,336) 1997-12-11

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[13] C

[51] Int.Cl. 6H04L 12/66  
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[54] SYSTEM AND METHOD FOR COMMUNICATION SESSION DISPOSITION RESPONSIVE TO EVENTS IN A TELECOMMUNICATIONS NETWORK AND THE INTERNET  
[54] SYSTEME ET METHODE COMPRENANT UN DISPOSITIF DE SESSION DE TRANSMISSION QUI REAGIT AUX EVENEMENTS D'UN RESEAU DE TELECOMMUNICATIONS ET SE DEROUANT SUR INTERNET  
[72] NADEAU, RAYMOND, CA  
[72] MEUBUS, CHARLES J., CA  
[72] JODOIN, SYLVAIN, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1998-10-23  
[30] US (08/994,008) 1997-12-18

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[13] C

[51] Int.Cl. 6F25B 49/02 6F25B 45/00  
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[25] EN  
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[73] TYLER REFRIGERATION CORPORATION, US  
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[13] C

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[54] PROCEDES ET TROUSSES D'IDENTIFICATION DE L'ENDOTOXINE  
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[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
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[13] C

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[25] EN  
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[54] COUSSIN DE SIEGE POUR MOTOCYCLETTE  
[72] FAIST, STEPHEN E., US  
[72] GRAEBE, ROBERT H., US  
[73] GRAEBE, ROBERT H., US  
[85] 1998-12-14  
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[30] US (08/778,303) 1997-01-02

**[11] 2,259,201**  
[13] C

[51] Int.Cl. 6B01J 29/08 6C10G 11/05  
6B01J 21/08  
[25] EN  
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[54] CATALYSEURS Y ZEOLITE POUR LE CRAQUAGE OPTIMAL DE RESIDUS DE CHARGES LOURDES  
[72] LAPINSKI, MARK, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 1998-12-23  
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[30] US (08/684,523) 1996-07-19

**[11] 2,260,795**  
[13] C

[51] Int.Cl. 6C07K 1/113 6C12P 21/00  
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[25] EN  
[54] SYNTHETIC PROTEIN FOLDING CATALYSIS  
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[72] RAINES, RONALD T., US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 1999-01-14  
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**[11] 2,256,275**  
[13] C

[51] Int.Cl. 6G07B 17/02 6G07B 17/00  
6G06F 17/60  
[25] EN  
[54] POSTAGE METERING SYSTEM AND METHOD FOR A CLOSED SYSTEM NETWORK  
[54] SYSTEME ET METHODE D'AFFRANCHISSEMENT POUR RESEAU FERME DE SYSTEMES  
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[73] PITNEY BOWES INC., US  
[22] 1998-12-17  
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[25] EN  
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[54] SONDES PERMETTANT DE DETECTER ET D'IDENTIFIER L'HELICOBACTER PYLORI  
[72] NISHIDA, KEIGO, JP  
[72] EDA, SOJI, JP  
[72] KESHI, HIROYUKI, JP  
[72] MATSUHISA, AKIO, JP  
[72] UEHARA, HIROTSUGU, JP  
[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP  
[85] 1999-01-21  
[86] 1997-07-24 (PCT/JP1997/002552)  
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[30] JP (8/194317) 1996-07-24

[11] 2,261,961  
[13] C

[51] Int.Cl. 6C08J 5/18 6C08L 23/06  
[25] EN  
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[54] PELLICULES DE POLYETHYLENE DE DENSITE ELEVEE POSSEDEANT DE MEILLEURES CARACTERISTIQUES DE BARRIERE  
[72] KLOSIIEWICZ, DANIEL W., US  
[73] EASTMAN CHEMICAL RESINS, INC., US  
[85] 1999-01-22  
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[87] (WO1998/055537)  
[30] US (60/048,924) 1997-06-06

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[13] C

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[72] GUERET, JEAN-LOUIS H., FR  
[73] L'OREAL, FR  
[22] 1999-03-01  
[30] FR (98 03 831) 1998-03-27

[11] 2,262,209  
[13] C

[51] Int.Cl. 6H03H 17/00  
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[54] METHOD AND APPARATUS FOR MINIMIZING MISMATCH IN A COMPLEX FILTER  
[54] METHODE ET MACHINE POUR REDUIRE LA DESADAPTATION DANS UN FILTRE COMPLEXE  
[72] SNELGROVE, WILLIAM MARTIN, CA  
[72] MACROBBIE, EDWARD WILLIAM, CA  
[72] SWAMINATHAN, ASHOK, CA  
[73] SKYWORKS SOLUTIONS, INC., US  
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[30] CA (2,229,737) 1998-02-18

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[13] C

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[25] FR  
[54] ECLISSE D'ASSEMBLAGE POUR TRONCONS DE CHEMINS DE CABLES ET TRONCONS DE CHEMINS DE CABLES OBTENUS  
[54] CONNECTING SPLICE FOR CABLE TROUGH SECTIONS, AND RESULTING CABLE TROUGH SECTIONS  
[72] DECIRY, JAMES, FR  
[72] DURIN, MICHEL, FR  
[72] BADEY, CLAUDE, FR  
[73] I.C.M. GROUP, FR  
[85] 1999-01-20  
[86] 1997-07-23 (PCT/FR1997/001368)  
[87] (WO1998/004860)  
[30] FR (96/09686) 1996-07-26

[11] 2,262,547  
[13] C

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[25] EN  
[54] METHOD OF PREPARING FULLY COOKED BACON DERIVED FROM PORK BELLIES  
[54] PROCEDE DE PREPARATION DE BACON CUIT A POINT A PARTIR DE PANSES DE PORC  
[72] AFMAN, BRENT J., US  
[73] OSI INDUSTRIES, INC., US  
[85] 1999-01-29  
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[11] 2,262,658  
[13] C

[51] Int.Cl. 6B65D 85/57  
[25] EN  
[54] FOLDING DATA DISK HOLDER  
[54] BOITE PLIANTE POUR DISQUES DE DONNEES  
[72] TAGTOW, DANIEL C., US  
[72] LAKOSKI, ROBERT P., US  
[72] JONES, PEARCE R., US  
[73] 30G, INC., US  
[85] 1999-02-05  
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[87] (WO1998/006643)  
[30] US (08/689,903) 1996-08-15

[11] 2,262,660  
[13] C

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[54] ARTICLES MULTICOUCHES COMPRENANT UN FLUOROPOLYMORE  
[72] TUCKNER, PAUL F., US  
[72] FUKUSHI, TATSUO, US  
[72] YAMANAKA, KEIZO, US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-02-05  
[86] 1996-12-23 (PCT/US1996/020652)  
[87] (WO1998/008679)  
[30] US (08/703,311) 1996-08-26

[11] 2,263,023  
[13] C

[51] Int.Cl. 6B32B 3/12 6B32B 3/18 6B32B 5/18 6E04B 1/86  
[25] FR  
[54] PANNEAU INSONORISANT ET PROCEDE DE REALISATION  
[54] ACOUSTIC PANEL AND PRODUCTION PROCESS  
[72] JULLIARD, JACQUES MICHEL ALBERT, FR  
[72] RIOU, GEORGES JEAN XAVIER, FR  
[72] DELVERDIER, OSMIN REGIS, FR  
[72] GONIDEC, PATRICK, FR  
[72] LECOSSAIS, ERIC, FR  
[72] VIE, PHILIPPE JEAN MARCEL, FR  
[72] LE BARAZER, BERNARD LOUIS, FR  
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC MA", FR  
[73] HISPANO-SUIZA AEROSTRUCTURES, FR  
[73] ATECA, FR  
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[54] CHAUFFAGE ATMOSPHERIQUE A COUCHE DE PROTECTION  
[72] FRANCIS, ARTHUR WELLINGTON JR., US  
[72] KOBAYASHI, HISASHI, US  
[72] LI, XUEPING, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-03-01  
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[25] EN  
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[54] GARNITURE D'ETANCHEITE GONFLABLE POUR MANDRIN EXTENSIBLE  
[72] WOOD, EDWARD T., US  
[72] BAUGH, JOHN LINDLEY, US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 1999-03-03  
[30] US (09/049,303) 1998-03-27

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[13] C

[51] Int.Cl. 6B60N 2/44 6A47C 7/46  
[25] EN  
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[54] SYSTEME DE SUSPENSION DE SIEGE AMELIORE, ET MECANISME DE REGLAGE POUR CE DERNIER  
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[73] YOUNGFLEX A.G., CH  
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[13] C

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[25] EN  
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[72] DUBE, SERGE, CA  
[73] DUBE, SERGE, CA  
[22] 1999-03-08  
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[13] C

[51] Int.Cl. 6G01R 21/133  
[25] EN  
[54] MEASURING DEVICE FOR ELECTRICAL POWER AND METHOD FOR MEASURING THE ELECTRICAL POWER  
[54] PROCEDE ET DISPOSITIF PERMETTANT DE MESURER LA PUISSANCE ELECTRIQUE  
[72] WINDSHEIMER, KLAUS, DE  
[73] LANDIS+GYR AG, CH  
[85] 1999-03-23  
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[87] (WO1998/013699)  
[30] DE (196 39 410.4) 1996-09-25

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[13] C

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[85] 1999-03-24  
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[30] US (60/026,993) 1996-10-07  
[30] GB (9622832.5) 1996-11-01

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[13] C

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[54] ETIQUETTE MAGNETIQUE MULTICOUCHE  
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[72] DAMES, ANDREW NICHOLAS, GB  
[72] CROSSFIELD, MICHAEL DAVID, GB  
[73] FLYING NULL LIMITED, GB  
[85] 1999-03-29  
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[87] (WO1998/013708)  
[30] GB (9620190.0) 1996-09-27

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[13] C

[51] Int.Cl. 6C07D 285/06 6C07D 417/14 6A01N 43/82  
[25] EN  
[54] BISTHIAZOLE DERIVATIVES AND SALTS THEREOF, DISEASE CONTROLLING AGENTS FOR AGRICULTURAL AND HORTICULTURAL USE, AND METHOD FOR THE USE THEREOF  
[54] DERIVES DE BISTHIAZOLE ET SELS DE CES DERIVES, AGENTS EN USAGE DANS L'AGRICULTURE ET L'HORTICULTURE POUR LUTTER CONTRE LES MALADIES VEGETALES, ET PROCEDE D'UTILISATION CORRESPONDANT  
[72] TSUBATA, KENJI, JP  
[72] SHIMAOKA, TAKASHI, JP  
[72] TAJIMA, SOHKICHI, JP  
[72] TAKAGI, KAZUHIRO, JP  
[72] BABA, KOJI, JP  
[73] NIHON NOHYAKU CO., LTD., JP  
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[13] C

[51] Int.Cl. 6A61K 9/14  
[25] EN  
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[54] COMPOSITIONS COMESTIBLES BASSES CALORIES D'UN EXCIPIENT ET D'UN INGREDIENT ACTIF ET LEURS PROCEDES DE PREPARATION  
[72] DULEBOHN, JOEL I., US  
[72] STITLEY, JAMES W., JR., US  
[72] TURK, RICHARD S., US  
[73] NATURA, INC., US  
[85] 1999-04-01  
[86] 1996-10-04 (PCT/US1996/015972)  
[87] (WO1998/014173)

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[11] 2,268,987  
[13] C

[51] Int.Cl. 6H04Q 7/38  
[25] EN  
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[54] PROCEDE ET APPAREIL PERMETTANT D'AMELIORER L'ETABLISSEMENT D'UNE COMMUNICATION  
[72] HO, JOSEPH S. M., US  
[72] XU, JIM, US  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1999-04-15  
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[87] (WO1999/009776)  
[30] US (08/911,628) 1997-08-15

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[11] 2,269,295  
[13] C

[51] Int.Cl. 6B65D 83/76  
[25] EN  
[54] SIMPLIFIED UNIDIRECTIONAL TWIST-UP DISPENSING DEVICE WITH INCREMENTAL DOSING  
[54] DISPOSITIF DISTRIBUTEUR SIMPLIFIE, UNIDIRECTIONNEL ET A TORSION POSSEDANT UN DOSAGE INCREMENTAL  
[72] BAGGOTT, SUSAN BEVAN, US  
[72] SMITH, GENEVIEVE RYLAND, US  
[72] DIRKSING, ROBERT STANLEY, US  
[72] PIEPER, KATHLEEN ANN, US  
[72] PROSISE, ROBERT LAWRENCE, US  
[72] HORSTMAN, RICHARD LAWRENCE, US  
[72] ODER, REUBEN EARL, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-04-20  
[86] 1997-10-23 (PCT/US1997/018858)  
[87] (WO1998/018695)  
[30] US (08/738,129) 1996-10-25

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[11] 2,270,881  
[13] C

[51] Int.Cl. 6F24F 3/147  
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[54] VENTILATEUR DE RECUPERATION AIR-AIR DE CHALEUR ET D'HUMIDITE  
[72] CHAGNOT, CATHERINE J., US  
[72] CRUM, JOSEPH ARDEN, US  
[73] STIRLING TECHNOLOGY, INC., US  
[85] 1999-05-04  
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[11] 2,272,155  
[13] C

[51] Int.Cl. 6B41J 2/175  
[25] EN  
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[54] CONTENANT POUR LIQUIDE DANS UN APPAREIL ENREGISTREUR  
[72] KUBOTA, HIDEMI, JP  
[72] KOTAKI, YASUO, JP  
[72] TSUTSUMI, TAKAYOSHI, JP  
[72] SATO, YOHEI, JP  
[72] YAMAKAWA, KOJI, JP  
[72] WATANABE, KENJIRO, JP  
[72] TSUKUDA, KEIICHIRO, JP  
[72] SUGAMA, SADAYUKI, JP  
[72] UJITA, TOSHIHIKO, JP  
[72] NAKAJIMA, KAZUHIRO, JP  
[72] TAKENOUCHE, MASANORI, JP  
[72] OSADA, TORACHIKA, JP  
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[22] 1993-07-28  
[62] 2,101,478  
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[30] JP (230,797/1992) 1992-08-31  
[30] JP (231,788/1992) 1992-08-31  
[30] JP (281,867/1992) 1992-10-20  
[30] JP (294,309/1992) 1992-11-02  
[30] JP (006,933/1993) 1993-01-19  
[30] JP (006,931/1993) 1993-01-19  
[30] JP (029,429/1993) 1993-02-18

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[11] 2,272,748  
[13] C

[51] Int.Cl. 6A23G 3/30 6B29C 47/92  
[25] EN  
[54] PROCESS CONTROL SYSTEM AND METHOD FOR AUTOMATED CONTINUOUS PRODUCTION OF CHEWING GUM  
[54] PROCEDE ET SYSTEME DE COMMANDE DE TRAITEMENT POUR LA FABRICATION AUTOMATISEE ET EN CONTINU DE CHEWING-GUM  
[72] ONUSAITIS, RODNEY F., US  
[72] BUCHOLZ, KARL B., US  
[72] BRIX, RONALD A., US  
[72] BANASIAK, ANTHONY R., US  
[72] RANCICH, JOSEPH D., US  
[72] LORENZ, GEORGE W., US  
[72] MORIARTY, DENNIS K., US  
[72] PETERSON, CARL S., US  
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[11] 2,273,144  
[13] C

[51] Int.Cl. 6H03M 7/30  
[25] EN  
[54] APPARATUS AND SYSTEM FOR DECODING DATA  
[54] METHODE ET APPAREIL DE DECODAGE DE DONNEES  
[72] BOLIEK, MARTIN, US  
[72] ALLEN, JAMES D., US  
[72] GORMISH, MICHAEL J., US  
[72] SCHWARTZ, EDWARD L., US  
[73] RICOH COMPANY, LIMITED, JP  
[22] 1995-08-24  
[62] 2,156,889  
[30] US (08/316,116) 1994-09-30

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[11] 2,273,369  
[13] C

[51] Int.Cl. 6H04L 12/56  
[25] EN  
[54] AAL2 PACKET EXCHANGE DEVICE  
[54] DISPOSITIF DE TRANSFERT DE PAQUET POUR COUCHE AAL2  
[72] DEMPO, HIROSHI, JP  
[73] NEC CORPORATION, JP  
[22] 1999-05-31  
[30] JP (10-153251) 1998-06-02

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[11] 2,274,809  
[13] C

[51] Int.Cl. 6B26B 21/56  
[25] EN  
[54] SAFETY RAZORS  
[54] RASOIRS DE SURETE  
[72] GARRAWAY, RICHARD, GB  
[73] THE GILLETTE COMPANY, US  
[85] 1999-06-09  
[86] 1998-01-02 (PCT/GB1998/000006)  
[87] (WO1998/029222)  
[30] GB (9700037.6) 1997-01-03

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[11] 2,275,685  
[13] C

[51] Int.Cl. 6B01D 53/047 6B01D 53/04  
[25] EN  
[54] IMPROVED FLUID FRACTIONATOR  
[54] FRACTIONATEUR AMELIORE DE FLUIDE  
[72] HILL, THEODORE B., US  
[72] HILL, CHARLES C., US  
[73] SEQUAL TECHNOLOGIES, INC., US  
[73] TEIJIN LIMITED, JP  
[85] 1999-06-18  
[86] 1996-12-20 (PCT/US1996/020392)  
[87] (WO1998/028061)

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[11] 2,275,703  
[13] C

[51] Int.Cl. 6B65D 71/12  
[25] EN  
[54] ARTICLE CARRIER AND BLANK THEREFOR  
[54] PORTE-ARTICLES ET EBAUCHE A CET EFFET  
[72] BAKX, MARTINUS C. M., NL  
[73] THE MEAD CORPORATION, US  
[85] 1999-06-18  
[86] 1997-12-19 (PCT/US1997/024240)  
[87] (WO1998/028200)  
[30] GB (9626555.8) 1996-12-20

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[11] 2,277,171  
[13] C

[51] Int.Cl. 6C07H 13/06  
[25] EN  
[54] PURIFICATION OF POLYOL FATTY ACID POLYESTERS USING A MIXING VESSEL WITH CONTROLLED MIXING  
[54] PURIFICATION DE POLYESTERS D'ACIDE GRAS DANS UN RECIPIENT DE MELANGE PAR REGULATION DU MIXAGE  
[72] CLAY, REGINALD, SEBASTIAN, US  
[72] HOWIE, JOHN KEENEY, US  
[72] SARAMA, ROBERT JOSEPH, US  
[72] KENNEALLY, COREY JAMES, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-07-07  
[86] 1998-01-28 (PCT/US1998/001557)  
[87] (WO1998/033804)  
[30] US (60/036,694) 1997-01-31

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[11] 2,278,090  
[13] C

[51] Int.Cl. 6C08G 77/50 6C09D 183/14  
[25] EN  
[54] POLYMERIC ORGANOSILICON COMPOUNDS, THEIR PREPARATION AND USE  
[54] COMPOSES ORGANOSILICIES POLYMERES, LEUR PREPARATION ET LEUR UTILISATION  
[72] BANFIC, ROBERT, DE  
[72] STALLBAUER, REINHARD, DE  
[72] DEUBZER, BERNWARD, DE  
[72] HUETTNER, DAVID, US  
[72] HERZIG, CHRISTIAN, DE  
[73] WACKER-CHEMIE GMBH, DE  
[85] 1999-07-15  
[86] 1998-01-15 (PCT/EP1998/000205)  
[87] (WO1998/031727)  
[30] DE (19701393.7) 1997-01-16

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[11] 2,278,782  
[13] C

[51] Int.Cl. 6C12N 15/12 6C07K 14/47  
[6C12Q 1/68 6A61K 31/70  
[25] EN  
[54] METHODS FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT OF GLAUCOMA AND RELATED DISORDERS  
[54] PROCEDES DE DIAGNOSTIC, DE PRONOSTIC ET DE TRAITEMENT DU GLAUCOME ET DE TROUBLES ASSOCIES  
[72] NGUYEN, THAI D., US  
[72] CHEN, HUA, US  
[72] CHEN, PU, US  
[72] POLANSKY, JON R., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-07-27  
[86] 1998-01-09 (PCT/US1998/000468)  
[87] (WO1998/032850)  
[30] US (08/791,154) 1997-01-28  
[30] US (08/938,669) 1997-09-26

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[11] 2,279,330  
[13] C

[51] Int.Cl. 6H05B 33/14  
[25] EN  
[54] COLOR VARIABLE BIPOLAR/AC LIGHT-EMITTING DEVICES  
[54] DISPOSITIFS ELECTROLUMINESCENTS BIPOLAIRES/COURANT ALTERNATIF A COULEUR VARIABLE  
[72] EPSTEIN, ARTHUR J., US  
[72] WANG, YUNZHANG, US  
[73] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 1999-07-29  
[86] 1998-03-11 (PCT/US1998/004831)  
[87] (WO1998/041065)  
[30] US (60/036,679) 1997-03-11

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[11] **2,279,508**  
 [13] C

[51] Int.Cl. 6B29C 65/22  
 [25] EN  
**EASY-MOUNT SEALING ELEMENT FOR PACKAGING MACHINES**  
**[54] ELEMENT SCELLANT FACILE A MONTER POUR MACHINES D'EMBALLAGE**  
 [72] KING, DAVID CAMPBELL, CA  
 [72] RILEY, DAVID CLIFFORD, CA  
 [73] DU PONT CANADA INC., CA  
 [85] 1999-08-03  
 [86] 1998-02-02 (PCT/CA1998/000066)  
 [87] (WO1998/034776)  
 [30] US (60/038,211) 1997-02-06  
 [30] US (09/016,522) 1998-01-30

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[11] **2,279,814**

[13] C

[51] Int.Cl. 6H02K 26/00 6H02K 33/00  
 [25] EN  
**DIRECT CURRENT TORQUE MOTOR WITH EXTENDED STATOR POLES**  
**[54] MOTEUR COUPLE A COURANT CONTINU AVEC POLES DE STATOR ALLONGES**  
 [72] TURNER, DAVID, US  
 [72] LUO, JIAN, US  
 [72] DETWEILER, CHARLES A., US  
 [73] EATON CORPORATION, US  
 [22] 1999-08-10  
 [30] US (09/139,889) 1998-08-25

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[11] **2,279,891**

[13] C

[51] Int.Cl. 6A47L 15/00 6A47L 15/08  
**6A47L 15/14 6A47L 15/23 6A47L 15/42**  
**6A47L 15/44 6A47L 15/46**  
 [25] EN  
**DISHWASHER**  
**[54] LAVE-VAISSELLE**  
 [72] BUTLER, RICHARD GEORGE ARTHUR, NZ  
 [72] MAUNSELL, STEVE, NZ  
 [72] SARGEANT, ADRIAN, NZ  
 [72] KAZIANUS, BABIS, NZ  
 [72] WILKS, JOHN, NZ  
 [73] FISHER & PAYKEL APPLIANCES LIMITED, NZ  
 [85] 1999-07-29  
 [86] 1998-01-30 (PCT/NZ1998/000008)  
 [87] (WO1998/033426)  
 [30] NZ (314155) 1997-01-30

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[11] **2,280,774**  
 [13] C

[51] Int.Cl. 6A45D 2/00  
 [25] EN  
**HAIR STYLING TONGS**  
**[54] PINCE A COIFFER**  
 [72] SMAL, HENRI, BE  
 [73] CONAIR CORPORATION, US  
 [85] 1999-08-16  
 [86] 1998-02-13 (PCT/BE1998/000020)  
 [87] (WO1998/035578)  
 [30] BE (9700146) 1997-02-17

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[11] **2,281,739**

[13] C

[51] Int.Cl. 6H01M 10/24 6H01M 4/24  
 [25] EN  
**LITHIUM SECONDARY BATTERY**  
**[54] BATTERIE D'ACCUMULATEURS AU LITHIUM**  
 [72] KUROKAWA, TERUHISA, JP  
 [72] KITOH, KENSHIN, JP  
 [73] NGK INSULATORS, LTD., JP  
 [22] 1999-09-09  
 [30] JP (10-263500) 1998-09-17

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[11] **2,282,679**

[13] C

[51] Int.Cl. 6H01Q 15/24  
 [25] FR  
**ANTENNE POUR L'EMISSION ET/OU LA RECEPTION DE SIGNAUX A POLARISATION RECTILIGNE**  
**[54] ANTENNA FOR TRANSMITTING AND/OR RECEIVING SIGNALS WITH RECTILINEAR POLARISATION**  
 [72] BOURGEOIS, ALAIN, FR  
 [72] BLERET, JEAN, FR  
 [73] ALCATEL, FR  
 [85] 1999-08-26  
 [86] 1998-03-02 (PCT/FR1998/000399)  
 [87] (WO1998/039666)  
 [30] FR (97/02569) 1997-03-04

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[11] **2,282,745**  
 [13] C

[51] Int.Cl. 6B60T 17/22  
 [25] EN  
**METHOD OF MINIMIZING UNDESIRABLE BRAKE RELEASE**  
**[54] PROCEDE DE MINIMISATION D'UN DESSERRAGE INDESIDRABLE DES FREINS**  
 [72] FOSTER, C. MACKAY, US  
 [72] HAWTHORNE, MICHAEL J., US  
 [72] NICKLES, STEPHEN K., US  
 [73] NEW YORK AIR BRAKE CORPORATION, US  
 [85] 1999-09-01  
 [86] 1998-09-11 (PCT/US1998/018822)  
 [87] (WO1999/014090)  
 [30] US (60/058,970) 1997-09-12  
 [30] US (60/058,977) 1997-09-12

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[11] **2,283,063**

[13] C

[51] Int.Cl. 6G01N 37/00 6H04N 17/02  
**6G01N 33/12 6G01N 21/25**  
 [25] EN  
**CALIBRATION OF IMAGING SYSTEMS**  
**[54] ETALONNAGE DE SYSTEMES D'IMAGERIE**  
 [72] MALMSTROM, KURT, AU  
 [72] GARVEY, EMLYN, AU  
 [72] PARTINGTON, LACHLAN, AU  
 [72] BARRET-LENNARD, DAVID, AU  
 [73] MEAT & LIVESTOCK AUSTRALIA LIMITED, AU  
 [85] 1999-08-31  
 [86] 1998-03-03 (PCT/AU1998/000135)  
 [87] (WO1998/039627)  
 [30] AU (PO5428) 1997-03-03

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[11] **2,283,089**

[13] C

[51] Int.Cl. 6F28F 21/00 6F28D 9/00  
**6F28F 3/04**  
 [25] EN  
**HEAT EXCHANGER AND METHOD FOR PREPARING IT**  
**[54] ECHANGEUR DE CHALEUR ET METHODE POUR SA PREPARATION**  
 [72] ARAI, HIDEMOTO, JP  
 [72] MIZOGUCHI, KENJI, JP  
 [72] SUGIYAMA, YOICHI, JP  
 [73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
 [22] 1999-09-23  
 [30] JP (JP11-128115) 1999-05-10

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[11] **2,283,559**  
 [13] C

[51] Int.Cl. 6G06F 11/00 6G06F 11/28  
 [25] EN  
**[54] IMPROVED MEMORY CONTROL SYSTEM FOR MICROPROCESSOR**  
**[54] SYSTEME AMELIORE POUR LE CONTROLE DE MEMOIRE DANS UN MICROPROCESSEUR**  
 [72] KELLY, EDMUND J., US  
 [72] CMELIK, ROBERT F., US  
 [72] WING, MALCOLM JOHN, US  
 [73] TRANSMETA CORPORATION, US  
 [85] 1999-09-09  
 [86] 1997-08-11 (PCT/US1997/014118)  
 [87] (WO1999/008188)

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[11] **2,284,049**  
 [13] C

[51] Int.Cl. 6A23G 3/30  
 [25] EN  
**[54] CHEWING GUM AND GUM BASES WITH REDUCED ADHESION TO ENVIRONMENTAL SURFACES**  
**[54] GOMME A MACHER ET BASES DE GOMME AYANT UNE ADHERENCE REDUITE AUX SURFACES AMBIANTES**  
 [72] BUNCZEK, MICHAEL T., US  
 [73] WM. WRIGLEY JR. COMPANY, US  
 [85] 1999-09-17  
 [86] 1998-12-17 (PCT/US1998/026796)  
 [87] (WO1999/031995)  
 [30] US (08/998,132) 1997-12-23

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[11] **2,285,911**  
 [13] C

[51] Int.Cl. 6C23F 11/18 6C09D 5/08  
 [25] EN  
**[54] VAPOUR PHASE CORROSION INHIBITOR**  
**[54] INHIBITEUR DE CORROSION EN PHASE VAPEUR**  
 [72] LOZANO, EDUARDO, CA  
 [72] SHIPLEY, JOHN ANTHONY, CA  
 [73] INTERWRAP INDUSTRIES INC., CA  
 [22] 1999-10-13  
 [30] US (09/170,050) 1998-10-13

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[11] **2,286,626**  
 [13] C

[51] Int.Cl. 6B05B 7/12 6B05B 7/24  
 [25] EN  
**[54] AN IMPROVED SPRAYING DEVICE**  
**[54] DISPOSITIF DE VAPORISATION AMELIORE**  
 [72] STYNE, JAMES J., US  
 [73] OMS INVESTMENTS, INC., US  
 [85] 1999-10-15  
 [86] 1998-02-16 (PCT/US1998/002825)  
 [87] (WO1998/046366)  
 [30] US (08/837,352) 1997-04-17

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[11] **2,286,726**  
 [13] C

[51] Int.Cl. 6B60R 21/18 6B60R 21/32  
 [25] EN  
**[54] VEHICLE SAFETY SYSTEM**  
**[54] SYSTEME DE SECURITE POUR VEHICULE AUTOMOBILE**  
 [72] RILEY, MICHAEL C., US  
 [72] MEISTER, JACK B., US  
 [72] ZOLLINGER, LINDSAY P., US  
 [72] COLEMAN, DANIEL E., US  
 [72] HAGAN, WILLARD F., US  
 [72] ADKISSON, RICK A., US  
 [73] AM - SAFE INCORPORATED, US  
 [85] 1999-10-15  
 [86] 1998-09-16 (PCT/US1998/019343)  
 [87] (WO1999/015368)  
 [30] US (60/059,430) 1997-09-22  
 [30] US (09/037,083) 1998-03-10  
 [30] US (09/143,756) 1998-08-31

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[11] **2,289,187**  
 [13] C

[51] Int.Cl. 7H04B 1/76 7H04B 15/00  
 [25] EN  
**[54] PILOT SIGNAL DETECTION SYSTEM USING BAND REJECT FILTER**  
**[54] SYSTEME DE DETECTION DE SIGNAL PILOTE A L'AIDE D'UN FILTRE ELIMINATEUR DE BANDE**  
 [72] MYER, ROBERT EVAN, US  
 [73] LUCENT TECHNOLOGIES INC., US  
 [22] 1999-11-09  
 [30] US (09/217,637) 1998-12-21

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[11] **2,289,199**  
 [13] C

[51] Int.Cl. 6B25B 13/50  
 [25] EN  
**[54] LOW FRICTION POWER TONG JAW ASSEMBLY**  
**[54] ENSEMBLE MACHOIRE DE CLE DE VISSAGE A COMMANDE PNEUMATIQUE A FAIBLE COEFFICIENT DE FROTTEMENT**  
 [72] BANGERT, DANIEL S., US  
 [72] BUCK, DAVID A., US  
 [73] BANGERT, DANIEL S., US  
 [73] BUCK, DAVID A., US  
 [85] 1999-11-03  
 [86] 1998-05-22 (PCT/US1998/010441)  
 [87] (WO1998/052720)  
 [30] US (08/862,555) 1997-05-23

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[11] **2,292,058**  
 [13] C

[51] Int.Cl. 7B65D 25/16  
 [25] EN  
**[54] DRUM LINER SYSTEM**  
**[54] DOUBLURE DE FUT**  
 [72] MORNEAU, JOSEPH GILLES, CA  
 [73] MORNEAU, JOSEPH GILLES, CA  
 [22] 1999-12-13

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[11] **2,287,109**  
 [13] C

[51] Int.Cl. 6B23P 19/00 6F16C 11/06  
 [25] EN  
**[54] DEVICE AND METHOD FOR CLOSING A MOBILE SOCKET AND ESTABLISHING A PREDETERMINED WEAR INDICATOR DISTANCE**  
**[54] DISPOSITIF ET METHODE DE FERMETURE D'UN MANCHON MOBILE ET D'ESTABLISSEMENT DE LA DISTANCE INDICATRICE D'USURE PREDETERMINEE**  
 [72] PARKER, GLEN C., US  
 [73] FEDERAL-MOGUL CORPORATION, US  
 [22] 1999-10-19  
 [30] US (09/175,915) 1998-10-20

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[11] 2,292,143  
[13] C

[51] Int.Cl. 7H04B 10/16  
[25] EN  
[54] POWER AMPLIFIER FOR  
AMPLIFYING A LASER BEAM,  
METHOD FOR PRODUCING IT AND  
USE OF THE POWER AMPLIFIER  
[54] AMPLIFICATEUR DE PUISSANCE  
POUR L'AMPLIFICATION DE  
FAISCEAUX LASER, METHODE POUR  
SA PRODUCTION ET UTILISATION DE  
L'AMPLIFICATEUR DE PUISSANCE  
[72] FISCHER, EDGAR, CH  
[72] HERREN, ANDREAS, CH  
[73] CONTRAVES SPACE AG, CH  
[22] 1999-12-14  
[30] CH (1998 2478/98) 1998-12-15

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[11] 2,293,021  
[13] C

[51] Int.Cl. 7C13K 5/00 7A23C 21/00  
[25] EN  
[54] COMPOSITIONS AND METHOD  
OF TREATMENT OF WHEY  
[54] COMPOSITIONS ET METHODE  
DE TRAITEMENT DU LACTOSERUM  
[72] GIERSCH, GLEN J., US  
[72] BOHANON, LEO F., US  
[73] HYDRITE CHEMICAL CO., US  
[22] 1999-12-17  
[30] US (09/216,590) 1998-12-18

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[11] 2,293,049  
[13] C

[51] Int.Cl. 7G01N 27/02  
[25] EN  
[54] FLUID CONDITION MONITOR  
[54] APPAREIL DE SURVEILLANCE  
DE LA CONDITION D'UN FLUIDE  
[72] SEITZ, MARTIN A., US  
[72] POLCZYNSKI, MARK HENRY, US  
[72] BAUER, ROBERT ALEXANDER, US  
[72] HANSEN, JAMES EDWARD, US  
[72] HIRTHE, RICHARD WALTER, US  
[73] EATON CORPORATION, US  
[22] 1999-12-22  
[30] US (220,556) 1998-12-23

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[11] 2,294,114  
[13] C

[51] Int.Cl. 7C07C 67/02 7C07C 68/06  
7C08G 64/30 7C07C 69/96  
[25] EN  
[54] PROCESS FOR THE  
PREPARATION OF AROMATIC  
CARBONATES  
[54] PROCEDE DE PREPARATION DE  
CARBONATES AROMATIQUES  
[72] KOMIYA, KYOSUKE, JP  
[72] TOJO, MASAHIRO, JP  
[72] OONISHI, KAZUHIRO, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA,  
JP  
[85] 1999-12-14  
[86] 1998-09-16 (PCT/JP1998/004152)  
[87] (WO1999/014183)  
[30] JP (9-250575) 1997-09-16

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[11] 2,295,230  
[13] C

[51] Int.Cl. 7E21C 41/00  
[25] EN  
[54] METHOD FOR THE COMBINED  
EXPLOITATION OF MINING FIELDS  
[54] PROCEDE D'EXPLOITATION  
COMBINEE DE GISEMENTS  
[72] JUN, RUSLAN BORISOVICH, RU  
[72] BORSCH-KOMPONIETS, VITALY  
IVANOVICH, RU  
[73] JUN, RUSLAN BORISOVICH, RU  
[73] BORSCH-KOMPONIETS, VITALY  
IVANOVICH, RU  
[85] 1999-12-23  
[86] 1998-08-27 (PCT/RU1998/000276)  
[87] (WO1999/041489)  
[30] RU (98101994) 1998-02-12

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[11] 2,296,650  
[13] C

[51] Int.Cl. 7A43B 13/38  
[25] EN  
[54] INTERLOCKING FOOTWEAR  
INSOLE REPLACEMENT SYSTEM  
[54] SYSTEME DE REMPLACEMENT  
DE SEMELLES DE CHAUSSURE  
[72] McNAMARA, PATRICK C., US  
[73] McNamara, Patrick C., US  
[22] 2000-01-19  
[30] US (09/245,367) 1999-02-05

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[11] 2,296,862  
[13] C

[51] Int.Cl. 7B41F 31/00  
[25] EN  
[54] DETACHABLE INKING DEVICE  
FOR A FLEXOGRAPHIC PRINTING  
MACHINE, ITS EMBODIMENT,  
CLEANING AND USE IN SUCH A  
MACHINE  
[54] DISPOSITIF ENCREUR POUR  
IMPRIMANTE FLEXOGRAPHIQUE ET  
METHODES DE MONTAGE, DE  
NETTOYAGE ET D'UTILISATION  
CONNEXES  
[72] MORISOD, JEAN-BERNARD, CH  
[72] PIGUET, MICHEL, CH  
[72] LUSCHER, PATRICK, CH  
[72] HURLIMANN, DANIEL, CH  
[72] BARDET, GILBERT, CH  
[73] BOBST S.A., CH  
[22] 2000-01-25  
[30] CH (1999 0412/99) 1999-03-05

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[11] 2,297,346  
[13] C

[51] Int.Cl. 7B29C 47/90 7B29C 47/12  
[25] EN  
[54] DEVICE FOR THE EXTRUSION OF  
PLASTIC PROFILES  
[54] DISPOSITIF POUR L'EXTRUSION  
DE PROFILES EN PLASTIQUE  
[72] GUGENBERGER, WALTER, AT  
[72] DORNINGER, FRANK, AT  
[72] WEGMAIER, RUDOLF, AT  
[73] TECHNOPLAST  
KUNSTSTOFFTECHNIK GMBH, AT  
[22] 2000-01-27  
[30] AT (GM 58/99) 1999-01-28

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[11] 2,299,953  
[13] C

[51] Int.Cl. 7C10G 47/32 7C10G 47/12  
[25] EN  
[54] COMBINED STEAM CONVERSION  
PROCESS FOR TREATING VACUUM  
GAS OIL  
[54] PROCEDE MIXTE DE  
CONVERSION DE VAPEUR POUR  
TRAITEMENT DU GAZOLE SOUS VIDE  
[72] ROMERO, TRINO J., VE  
[72] VELASQUEZ, JOSE R., VE  
[72] TUSA, ALFONSO L., VE  
[72] PEREIRA, PEDRO R., VE  
[72] ROSA-BRUSSIN, MARCOS F., VE  
[72] CAMEJO, WILLIAM Y., VE  
[72] ROJAS, IRAIMA J., VE  
[73] INTEVEP S.A., VE  
[22] 2000-02-29  
[30] US (09/260,108) 1999-03-02

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[11] **2,300,149**  
[13] C

[51] Int.Cl. 7G01D 11/28 7G01P 1/08  
7G01D 13/20  
[25] EN  
[54] AN INDICATING DEVICE,  
SPECIALLY IN A VEHICLE  
[54] DISPOSITIF INDICATEUR POUR  
VEHICULE AUTOMOBILE  
[72] BOTLING, FREDRIK, SE  
[72] ADELSSON, PER, SE  
[72] WENDEBERG, STAFFAN, SE  
[73] AB VOLVO, SE  
[85] 2000-02-10  
[86] 1998-08-11 (PCT/SE1998/001461)  
[87] (WO1999/008075)  
[30] SE (9702915-1) 1997-08-11

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[11] **2,300,512**  
[13] C

[51] Int.Cl. 7H04N 1/32 7H04L 12/54  
[25] EN  
[54] INTERNET FACSIMILE  
APPARATUS AND ADDRESS INPUT  
METHOD  
[54] TELECOPIEUR INTERNET ET  
METHODE D'INTRODUCTION DE  
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[72] TOYODA, KIYOSHI, JP  
[73] PANASONIC COMMUNICATIONS  
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[22] 2000-03-07  
[30] JP (11-243064) 1999-08-30

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[11] **2,300,558**  
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[51] Int.Cl. 7A47K 10/20  
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[54] PAQUET DE SERVIETTES  
HUMIDES  
[72] YAMAJI, MITSUKO, JP  
[72] TANAKA, YOSHIKAZU, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 2000-03-08  
[30] JP (11-89493) 1999-03-30

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[11] **2,300,601**  
[13] C

[51] Int.Cl. 7G01N 3/42  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETERMINING THE TRUE STRESS  
AND TRUE STRAIN BEHAVIOR OF A  
DUCTILE POLYMER  
[54] METHODE ET APPAREIL POUR  
DETERMINER LA TENSION REELLE  
ET LE COMPORTEMENT REEL SOUS  
CONTRAINTE D'UN POLYMER  
DUCTILE  
[72] FOULDS, JUDE REYNOLD, US  
[72] KURTZ, STEVEN MICHAEL, US  
[72] JEWETT, CHARLES WILLIAM, US  
[73] EXPONENT, INC., US  
[22] 2000-03-14  
[30] US (09/281,786) 1999-03-31

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[11] **2,300,665**  
[13] C

[51] Int.Cl. 7A45D 34/04  
[25] EN  
[54] APPLICATOR BRUSH  
[54] PINCEAU APPLICATEUR  
[72] GETAHOUN, TAMERU, US  
[72] SIMONELLI, KRISTI E., US  
[72] CHRISTOFORU, ANDREW, US  
[73] AVON PRODUCTS, INC., US  
[22] 2000-03-10  
[30] US (09/267,959) 1999-03-12  
[30] US (09/441,355) 1999-11-16

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[11] **2,300,670**  
[13] C

[51] Int.Cl. 7H01R 13/62  
[25] EN  
[54] DETENT LOCK MECHANISM FOR  
PIN-AND-SLEEVE HEAVY DUTY  
ELECTRICAL CONNECTOR  
[54] MECANISME D'ARRET POUR  
CONNECTEUR ELECTRIQUE A  
CHEVILLE ET MANCHON POUR  
SERVICE CONTINU  
[72] ANGIOLILLO, LUCIO, US  
[72] GUNN, DONALD JAMES, US  
[73] COOPER INDUSTRIES, INC., US  
[22] 2000-03-14  
[30] US (09/282,181) 1999-03-31

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[11] **2,301,446**  
[13] C

[51] Int.Cl. 7B41F 21/14  
[25] EN  
[54] PRINTER SHEET DESKEWING  
SYSTEM WITH AUTOMATICALLY  
VARIABLE NUMBERS OF UPSTREAM  
FEEDING NIP ENGAGEMENTS FOR  
DIFFERENT SHEET SIZES  
[54] SYSTEME DE REALIGNEMENT  
DE FEUILLE D'IMPRIMANTE A  
NOMBRE DE PINCES  
D'ALIMENTATION ENGAGEES EN  
AMONT VARIANT  
AUTOMATIQUEMENT POUR  
DIFFERENTS FORMATS DE PAPIER  
[72] FORD, BRIAN R., US  
[72] RICHARDS, PAUL N., US  
[72] BENEDICT, LAWRENCE R., US  
[72] D'ANGELANTONIO, DAVID A., US  
[73] XEROX CORPORATION, US  
[22] 2000-03-21  
[30] US (09/312,999) 1999-05-17

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[11] **2,301,682**  
[13] C

[51] Int.Cl. 7H04Q 7/38 7H04B 7/26  
[25] EN  
[54] METHOD AND ARRANGEMENT  
FOR TRANSMITTING PAYLOAD DATA  
IN A RADIOTRANSMISSION  
SYSTEM  
[54] PROCEDE ET DISPOSITIF DE  
TRANSMISSION DE donnees  
D'UTILISATEUR DANS UN SYSTEME  
DE RADIOTRANSMISSION  
[72] WEBER, TOBIAS, DE  
[72] EMMER, DIETER, DE  
[72] BAHRENBURG, STEFAN, DE  
[72] BAIER, PAUL WALTER, DE  
[72] SCHLEE, JOHANNES, DE  
[72] MAYER, JURGEN, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2000-02-28  
[86] 1998-08-26 (PCT/DE1998/002506)  
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[30] DE (197 38 156.1) 1997-09-01

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[13] C

[51] Int.Cl. 7C07D 249/12  
[25] EN  
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[54] PROCEDE DE PREPARATION DE 5-METHOXY-4-METHYLE-2,4-DIHYDRO-3H-1,2,4-TRIAZOLE-3-ONE  
[72] SCHMIDT, ROBERT R., DE  
[72] BABCIINSKI, PETER, DE  
[72] SANTEL, HANS-JOACHIM, DE  
[72] MULLER, KLAUS-HELMUT, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1990-10-10  
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[30] DE (P 39 34 081.3) 1989-10-12

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[11] 2,302,119  
[13] C

[51] Int.Cl. 7B29C 45/00 7F01P 11/02  
7B65D 1/40  
[25] EN  
[54] METHOD OF MAKING A PLASTIC CONTAINER WITH INTEGRAL CHANNEL  
[54] METHODE DE FABRICATION D'UN CONTENANT EN PLASTIQUE AVEC CANAUX DE CIRCULATION INTEGRES  
[72] SIMARD, SYLVAIN, CA  
[72] FILION, FRANCOIS, CA  
[72] KHENNACHE, OMAR, CA  
[73] CAMOPLAST INC., CA  
[22] 2000-03-27  
[30] CA (2,267,640) 1999-03-31

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[11] 2,302,619  
[13] C

[51] Int.Cl. 7H04L 9/28  
[25] EN  
[54] GENERATION OF REPEATABLE CRYPTOGRAPHIC KEY BASED ON VARYING PARAMETERS  
[54] PRODUCTION D'UNE CLE DE CHIFFREMENT REPRODUCTIBLE BASEE SUR DES PARAMETRES VARIABLES  
[72] WETZEL, SUSANNE GUDRUN, US  
[72] REITER, MICHAEL KENDRICK, US  
[72] JAKOBSSON, BJORN MARKUS, US  
[72] MONROSE, FABIAN, US  
[72] BOHANNON, PHILIP L., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-28  
[30] US (60/128,413) 1999-04-08

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[11] 2,303,549  
[13] C

[51] Int.Cl. 7C23C 18/16 7B05D 3/06  
7H01L 39/24  
[25] EN  
[54] METHOD FOR PRODUCING A METAL OXIDE AND METHOD FOR FORMING A MINUTE PATTERN  
[54] METHODE DE PRODUCTION D'UN OXYDE METALLIQUE ET METHODE POUR FORMER UN MOTIF MINUSCULE  
[72] YABE, AKIRA, JP  
[72] YAMAGUCHI, IWAO, JP  
[72] IMAI, YOJI, JP  
[72] WATANABE, AKIO, JP  
[72] NIINO, HIROYUKI, JP  
[72] MANABE, TAKAAKI, JP  
[72] TSUCHIYA, TETSUO, JP  
[72] KUMAGAI, TOSHIYA, JP  
[72] MIZUTA, SUSUMU, JP  
[73] SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY, JP  
[22] 2000-03-30  
[30] JP (136206/1999) 1999-05-17  
[30] JP (308644/1999) 1999-10-29

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[11] 2,304,419  
[13] C

[51] Int.Cl. 7B65H 9/12 7B65H 9/20  
[25] EN  
[54] METHOD OF POSITIONING SHEET ELEMENTS IN THE INTRODUCTION STATION OF A PROCESSING MACHINE AND A SYSTEM FOR PERFORMING THE METHOD  
[54] METHODE DE POSITIONNEMENT D'ELEMENTS EN FEUILLES DANS LA STATION D'ALIMENTATION D'UNE MACHINE DE TRAITEMENT ET SYSTEME DE MISE EN OEUVRE DE CETTE METHODE  
[72] REBEAUD, JEAN-CLAUDE, CH  
[73] BOBST S.A., CH  
[22] 2000-04-03  
[30] CH (0671/99) 1999-04-09

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[11] 2,304,556  
[13] C

[51] Int.Cl. 7B01J 13/10  
[25] EN  
[54] METHOD OF ENCAPSULATED FLAVORS AND FRAGRANCES BY CONTROLLED WATER TRANSPORT INTO MICROCAPSULES  
[54] PROCEDE D'ENCAPSULATION D'AROMES ET DE PARFUMS PAR TRANSPORT D'EAU DIRIGE DANS DES MICROCAPSULES  
[72] SOPER, JON C., US  
[72] THOMAS, MARGARET T., US  
[72] KIM, YOUNG D., US  
[73] GIVAUDAN SA, CH  
[85] 2000-03-23  
[86] 1998-10-05 (PCT/IB1998/001551)  
[87] (WO1999/017871)  
[30] US (08/947,694) 1997-10-09

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[11] 2,305,551  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] WEB MATERIALS WITH TWO OR MORE SKIN CARE COMPOSITIONS DISPOSED THEREON AND ARTICLES MADE THEREFROM  
[54] MATIERES TISSEES AVEC DEUX OU PLUSIEURS COMPOSITIONS DE SOIN DE LA PEAU PLACEES SUR CELLES-CI ET ARTICLES AINSI OBTEMUS  
[72] ELDER, GRETCHEN LOUISE, US  
[72] ROE, DONALD CARROLL, US  
[72] SCHULTE, THOMAS EDWARD, US  
[72] VANRIJSWIJCK, LAURA GRAVES SPALDING, US  
[72] MILLER, STEVEN WORTHINGTON, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-03  
[86] 1998-10-19 (PCT/US1998/022057)  
[87] (WO1999/022684)  
[30] US (08/961,879) 1997-10-31

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[13] C

[51] Int.Cl. 6H04N 3/14 6H01L 27/148  
[25] EN  
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[54] AMELIORATIONS DU RENDEMENT QUANTIQUE DANS DES DETECTEURS DE PIXELS ACTIFS  
[72] FOSSUM, ERIC, US  
[73] MICRON TECHNOLOGY, INC., US  
[85] 2000-04-06  
[86] 1998-10-05 (PCT/US1998/020884)  
[87] (WO1999/018717)  
[30] US (08/944,794) 1997-10-06

[11] **2,306,473**  
[13] C

[51] Int.Cl. 6H01R 13/44  
[25] EN  
[54] FLUSH/RECESSABLE JUNCTION DEVICE  
[54] DISPOSITIF DE JONCTION AFFLEURANT/RENTRÉE  
[72] HAUT, DAVID, US  
[73] HAUT, DAVID, US  
[85] 2000-04-13  
[86] 1998-10-13 (PCT/US1998/021551)  
[87] (WO1999/022426)  
[30] US (08/957,663) 1997-10-24  
[30] US (09/145,730) 1998-09-02

[11] \* **2,306,928**  
[13] C

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] SELECTIVITY ESTIMATION FOR PROCESSING SQL QUERIES CONTAINING HAVING CLAUSES  
[54] ESTIMATION DE SELECTIVITÉ A L'EGARD DU TRAITEMENT D'INTERROGATIONS SQL CONTENANT DES CLAUSES « HAVING »  
[72] ZUZARTE, CALISTO P., CA  
[72] HAAS, PETER J., US  
[72] LUMBY, JOHN E., CA  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-04-28

[11] **2,307,561**  
[13] C

[51] Int.Cl. 6E21B 19/22  
[25] EN  
[54] DEVICE FOR PREVENTING PIPE BUCKLING  
[54] DISPOSITIF POUR EMPECHER LA DEFORMATION DE TUBES  
[72] EILERTSEN, BJORN, NO  
[73] ENGINEERING & DRILLING MACHINERY AS, NO  
[85] 2000-04-28  
[86] 1998-10-30 (PCT/NO1998/000322)  
[87] (WO1999/023347)  
[30] NO (975016) 1997-10-31

[11] **2,313,512**  
[13] C

[51] Int.Cl. 7B23P 15/00  
[25] EN  
[54] DEVICE AND METHOD FOR THE MACHINING OF CRANKSHAFT PINS  
[54] DISPOSITIF ET METHODE POUR L'USINAGE DE TIGES DE VILEBREQUINS  
[72] WRIEDT, BERNHARD, DE  
[72] STOBBE, DETLEV, DE  
[73] MAN B&W DIESEL AKTIENGESELLSCHAFT, DE  
[22] 2000-07-07  
[30] DE (199 32 410.7) 1999-07-14

[11] **2,308,711**  
[13] C

[51] Int.Cl. 7B65G 51/02  
[25] EN  
[54] PNEUMATIC CONVEYING APPARATUS  
[54] CONVOYEUR PNEUMATIQUE  
[72] REDIESS, DAVID E., US  
[72] KERKMAZ, ERIC JAMES, US  
[73] PLASTIPAK PACKAGING, INC., US  
[22] 2000-05-16  
[30] US (09/324,240) 1999-06-02

[11] **2,313,566**  
[13] C

[51] Int.Cl. 7G02B 6/42 7H04B 10/14  
7H04B 10/18  
[25] EN  
[54] OPTICAL DEVICE  
[54] DISPOSITIF OPTIQUE  
[72] NAKANISHI, HIROMI, JP  
[72] OKADA, TAKESHI, JP  
[72] KURARA, YOSHIKI, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2000-07-06  
[30] JP (11-196468) 1999-07-09

[11] **2,310,506**  
[13] C

[51] Int.Cl. 7A47B 37/00 7A47B 13/00  
7A47B 96/00  
[25] EN  
[54] TRAINING TABLE WITH WIRE MANAGEMENT  
[54] TABLE DE DIDACTIQUE EN GESTION DES FILS  
[72] KOPISH, ANDREW J., US  
[72] BOUCHE, TIMOTHY J., US  
[73] KRUEGER INTERNATIONAL, INC., US  
[22] 2000-05-29  
[30] US (09/322,415) 1999-05-28

[11] **2,314,200**  
[13] C

[51] Int.Cl. 7G01N 27/22 7A01D 41/127  
[25] EN  
[54] DEVICE FOR THE MEASUREMENT OF MOISTURE OF HARVESTED CROP  
[54] DISPOSITIF POUR MESURER LE TAUX D'HUMIDITÉ DES RECOLTES  
[72] RODE, HANS-JURGEN, DE  
[72] RUTZ, ARNOLD, DE  
[73] DEERE & COMPANY, US  
[22] 2000-07-21  
[30] DE (199 34 881.2) 1999-07-24

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[13] C

[51] Int.Cl. 7H04J 11/00 7H04L 5/02  
[25] EN  
[54] SIGNAL ENCODING FOR TRANSMISSION OF MULTIPLE DIGITAL SIGNALS OVER SINGLE PHYSICAL MEDIUM  
[54] CODAGE DE SIGNAUX PERMETTANT DE TRANSMETTRE DES SIGNAUX NUMERIQUES MULTIPLES SUR UN SUPPORT PHYSIQUE UNIQUE  
[72] GABARA, THADDEUS JOHN, US  
[72] MUJTABA, SYED AON, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-07-21  
[30] US (09/363,524) 1999-07-29

[11] 2,314,769  
[13] C

[51] Int.Cl. 7F23L 1/00 7F24H 1/00  
[25] EN  
[54] COMBUSTION AIR INTAKE APPARATUS FOR FUEL-FIRED, DIRECT VENT HEATING APPLIANCE  
[54] ENTREE D'AIR DE COMBUSTION POUR APPAREIL DE CHAUFFAGE A COMBUSTIBLE A VENTILATION DIRECTE  
[72] SCANLON, JOHN H., US  
[72] ELGOWAINY, AMGAD A., US  
[73] RHEEM MANUFACTURING COMPANY, US  
[22] 2000-07-28  
[30] US (09/439,726) 1999-11-12

[11] 2,315,015  
[13] C

[51] Int.Cl. 6F25B 19/00 6F17C 13/00 6F17C 7/02 6F17C 9/02 6C22C 38/08  
[25] EN  
[54] PROCESS COMPONENTS, CONTAINERS, AND PIPES SUITABLE FOR CONTAINING AND TRANSPORTING CRYOGENIC TEMPERATURE FLUIDS  
[54] ELEMENTS DE PROCESSUS, RESERVOIRS ET CONDUITS SERVANT A CONTENIR ET A TRANSPORTER DES FLUIDES A DES TEMPERATURES CRYOGENIQUES  
[72] MINTA, MOSES, US  
[72] STEELE, ROBERT E., US  
[72] KELLEY, LONNY R., US  
[72] KIMBLE, E. LAWRENCE, US  
[72] RIGBY, JAMES R., US  
[72] KELLEY, BRUCE T., US  
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2000-06-16  
[86] 1998-06-18 (PCT/US1998/012725)  
[87] (WO1998/032837)  
[30] US (60/068,208) 1997-12-19

[11] 2,316,146  
[13] C

[51] Int.Cl. 7G01F 23/42  
[25] EN  
[54] CABLE SUPPORT FOR TANK GAUGE HAVING FLOAT AND LEVEL INDICATOR CONNECTED BY A CABLE  
[54] PORTE-CABLE POUR JAUGE DE RESERVOIR MUNIE D'UN FLOTTEUR ET D'UN INDICATEUR DE NIVEAU RELIES PAR UN CABLE  
[72] WATCHEL, BRIAN, CA  
[73] WATCHEL, BRIAN, CA  
[22] 2000-08-17

[11] 2,316,655  
[13] C

[51] Int.Cl. 7F23J 15/00 7B01D 53/56  
[25] EN  
[54] FUEL DILUTION METHODS AND APPARATUS FOR NOX REDUCTION  
[54] METHODE ET APPAREIL DE DILUTION DE COMBUSTIBLES POUR REDUIRE LES EMISSIONS DE NOX  
[72] LANG, JERRY M., US  
[73] JOHN ZINK COMPANY, LLC, US  
[22] 2000-08-24  
[30] US (60/161,536) 1999-10-26  
[30] US (09/547,769) 2000-04-12

[11] 2,316,907  
[13] C

[51] Int.Cl. 6A63G 13/00 6B60R 3/00  
[25] EN  
[54] LATERALLY SLIDABLE FOOTREST FOR A RIDE-ON VEHICLE FOR CHILDREN  
[54] MARCHEPIED COUILLANT LATERALEMENT, DESTINE A UN VEHICULE POUR ENFANTS  
[72] HOWELL, WILLIAM R., US  
[73] MATTEL, INC., US  
[85] 2000-06-29  
[86] 1999-01-25 (PCT/US1999/001658)  
[87] (WO1999/038591)  
[30] US (09/015,613) 1998-01-28

[11] 2,319,955  
[13] C

[51] Int.Cl. 7A61F 2/18 7H04R 25/02  
[25] EN  
[54] ARRANGEMENT FOR MECHANICAL COUPLING OF A DRIVER TO A COUPLING SITE OF THE OSSICULAR CHAIN  
[54] DISPOSITIF DE RACCORDEMENT MECANIQUE D'UN EXCITEUR A UN SITE DE RACCORDEMENT DE LA CHAINE OSSICULAIRE  
[72] MULLER, GERD M., DE  
[73] PHONAK AG, CH  
[22] 2000-09-18  
[30] DE (199 48 375.2) 1999-10-07

[11] 2,319,992  
[13] C

[51] Int.Cl. 7H04N 7/173 7H04N 7/16 7H04L 12/18  
[25] EN  
[54] AN EVENTS CAPTURING SYSTEM AND METHOD FOR USE IN AN INTEGRATED BROADCAST DELIVERY SYSTEM  
[54] SYSTEME D'ENREGISTREMENT D'EVENEMENTS ET METHODE D'UTILISATION DANS UN SYSTEME INTEGRÉ DE DIFFUSION  
[72] HIGGINS, SEAN G., CA  
[72] ALSTON, DAVID J., CA  
[72] POMEROY, TRENTON A., CA  
[72] CAMERON, ALLAN B., CA  
[72] JONES, IAN K., CA  
[72] SWANSBURG, DARREN B., CA  
[72] FURLONG, JEFF L., CA  
[73] IMAGICTV INC., CA  
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[30] US (09/663,973) 2000-09-19

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[13] C

[51] Int.Cl. 6H04B 3/20 6H04B 15/00  
[25] EN  
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[54] EMETTEUR RECEPTEUR ETHERNET A CAPACITE DE GIGABITS  
[72] AGAZZI, OSCAR E., US  
[72] CREIGH, JOHN L., US  
[72] HATAMIAN, MEHDI, US  
[73] BROADCOM CORPORATION, US  
[85] 2000-08-21  
[86] 1999-03-08 (PCT/US1999/005145)  
[87] (WO1999/046867)  
[30] US (09/037,328) 1998-03-09  
[30] US (09/078,466) 1998-05-14  
[30] US (09/078,993) 1998-05-14  
[30] US (09/143,476) 1998-08-28

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[11] **2,321,325**  
[13] C

[51] Int.Cl. 7A61F 2/18  
[25] EN  
[54] ARRANGEMENT FOR COUPLING OF A DRIVER TO A COUPLING SITE OF THE OSSICULAR CHAIN  
[54] DISPOSITIF DE RACCORD D'UN EXCITEUR A UN SITE DE RACCORDEMENT DE LA CHAINE OSSICULAIRE  
[72] MULLER, GERD M., DE  
[73] PHONAK AG, CH  
[22] 2000-09-28  
[30] DE (199 48 336.1) 1999-10-07

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[11] **2,321,452**  
[13] C

[51] Int.Cl. 6C09D 5/02 6B05D 7/00  
6C09D 7/06  
[25] EN  
[54] MULTI-COMPONENT COMPOSITE COATING COMPOSITION AND COATED SUBSTRATE  
[54] COMPOSITION DE REVETEMENT COMPOSITE MULTICOMPOSANTS ET SUBSTRAT REVETU  
[72] PAGAC, EDWARD S., US  
[72] RARDON, DANIEL E., US  
[72] SWARUP, SHANTI, US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-08-17  
[86] 1999-02-16 (PCT/US1999/003254)  
[87] (WO1999/042531)  
[30] US (60/075,030) 1998-02-18

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[11] **2,321,554**  
[13] C

[51] Int.Cl. 6A61N 1/368  
[25] EN  
[54] SYSTEM AND METHOD FOR MULTIPLE SITE BIPHASIC STIMULATION TO REVERT VENTRICULAR ARRHYTHMIAS  
[54] SYSTEME ET PROCEDE DE STIMULATION BIPHASEE SUR PLUSIEURS SITES INVERSANT L'ARYTHMIE VENTRICULAIRE  
[72] MOWER, MORTON M., US  
[73] MOWER, MORTON M., US  
[85] 2000-08-28  
[86] 1999-03-04 (PCT/US1999/004695)  
[87] (WO1999/044682)  
[30] US (09/035,455) 1998-03-05

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[11] **2,321,691**  
[13] C

[51] Int.Cl. 6G01N 33/48 6A01N 1/02  
6G01N 21/03 6G01N 1/18 6G01N 33/72  
6G01N 21/76 6G01N 33/86  
[25] EN  
[54] METHOD FOR PERFORMING BLOOD CELL COUNTS  
[54] METHODE DE NUMERATION GLOBULAIRE  
[72] WARDLAW, STEPHEN C., US  
[73] WARDLAW, STEPHEN C., US  
[73] LEVINE, ROBERT A., US  
[73] WARDLAW PARTNERS LP, US  
[85] 2000-08-30  
[86] 1999-03-05 (PCT/US1999/004976)  
[87] (WO1999/045386)  
[30] US (60/077215) 1998-03-07  
[30] US (09/262552) 1999-03-04

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[11] **2,323,387**  
[13] C

[51] Int.Cl. 7F16H 63/30  
[25] EN  
[54] TRANSMISSION GEAR SHIFT SYSTEM  
[54] SYSTEME POUR BOITE DE VITESSE DE TRANSMISSION  
[72] KOYAMA, SHIGERU, JP  
[72] EDURE, YOSHINOBU, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2000-10-17  
[30] JP (11-295418) 1999-10-18

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[11] **2,323,882**  
[13] C

[51] Int.Cl. 6G01V 3/38 6G01V 11/00  
[25] EN  
[54] METHOD AND APPARATUS USING MULTI-TARGET TRACKING TO ANALYZE BOREHOLE IMAGES AND PRODUCE SETS OF TRACKS AND DIP DATA  
[54] PROCEDE ET APPAREIL UTILISANT UN SUIVI MULTICIBLE POUR ANALYSER DES IMAGES DE TROUS DE SONDE ET PRODUIRE DES ENSEMBLES DE REPERES DE SUIVI ET DE DONNEES D'INCLINAISON  
[72] ROSSI, DAVID J., FR  
[72] WILLSKY, ALAN S., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-09-14  
[86] 1999-02-19 (PCT/US1999/003567)  
[87] (WO1999/047947)  
[30] US (60/078,170) 1998-03-16

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[11] **2,324,457**  
[13] C

[51] Int.Cl. 6E21B 17/042 6F16L 15/06  
[25] EN  
[54] TWO-STEP, LOW TORQUE WEDGE THREAD FOR TUBULAR CONNECTOR  
[54] RACCORD A FILETAGE CUNEIFORME, BIETAGE, A DIAMETRE DIFFERENTIEL  
[72] ENDERLE, DOUGLAS R., US  
[73] HYDRIL COMPANY, US  
[85] 2000-09-19  
[86] 1999-03-10 (PCT/US1999/005174)  
[87] (WO1999/047785)  
[30] US (09/044,707) 1998-03-19

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[11] 2,325,206  
[13] C

[51] Int.Cl. 7F04D 29/04 7F04B 53/00  
7F04C 29/00 7F04D 29/58  
[25] EN  
[54] SEALED STEADY BEARING ASSEMBLY FOR NON-METALLIC VERTICAL SUMP AND PROCESS PUMPS  
[54] ENSEMBLE DE PALIER INTERMEDIAIRE SCELLE POUR POMPES VERTICALES D'ÉPUISEMENT ET DE PROCÉDÉ  
[72] PADDOCK, DOUGLAS, US  
[72] QUIL, JEREMIAH DENNIS, US  
[72] WORCZAK, TERESA ANN, US  
[73] ITT MANUFACTURING ENTERPRISES, INC., US  
[22] 2000-11-07  
[30] US (09/435,542) 1999-11-08

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[11] 2,325,310  
[13] C

[51] Int.Cl. 7B60P 3/34  
[25] EN  
[54] PICKUP TRUCK FOLDING CAMPER SYSTEM  
[54] SYSTEME DE TENTE-CARAVANE POUR CAMIONNETTE  
[72] MUZYKA, MARIA D., CA  
[72] MUZYKA, YAROSLOW I., CA  
[73] ENGINEERS ON WHEELS INC., CA  
[22] 2000-11-02  
[30] US (09/640,490) 2000-08-16

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[11] 2,325,491  
[13] C

[51] Int.Cl. 6B24D 3/18 6B24D 3/34  
[25] EN  
[54] BONDED ABRASIVE ARTICLES FILLED WITH OIL/WAX MIXTURE  
[54] ARTICLES ABRASIFS LIÉS, REMPLIS D'UN MÉLANGE HUILE/CIRE  
[72] ROSSETTI, GEORGE, A., JR., US  
[72] TRICARD, MARC, J. M., US  
[72] FOX, STEPHEN E., US  
[73] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2000-09-21  
[86] 1998-12-15 (PCT/US1998/026692)  
[87] (WO1999/051400)  
[30] US (09/056,475) 1998-04-07

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[11] 2,325,846  
[13] C

[51] Int.Cl. 7B01J 35/04  
[25] EN  
[54] HONEYCOMB STRUCTURE  
[54] STRUCTURE EN NIDS D'ABEILLES  
[72] YAMADA, TOSHIO, JP  
[73] NGK INSULATORS, LTD., JP  
[22] 2000-11-14  
[30] JP (11-324596) 1999-11-15

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[11] 2,326,607  
[13] C

[51] Int.Cl. 7H04Q 3/64 7H04M 3/42  
[25] EN  
[54] SYSTEM FOR AUTOMATICALLY ROUTING CALLS TO CALL CENTER AGENTS IN AN AGENT SURPLUS CONDITION BASED ON SERVICE LEVELS  
[54] SYSTÈME D'ACHEMINEMENT AUTOMATIQUE D'APPELS À DES AGENTS DE CENTRE D'APPEL DANS DES CONDITIONS DE SURPLUS D'AGENTS ET SELON DES NIVEAUX DE SERVICE  
[72] FISHER, THOMAS S., US  
[72] JENSEN, ROY A., US  
[72] REIMAN, MARTIN I., US  
[73] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-23  
[30] US (09/454,508) 1999-12-06

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[11] 2,328,251  
[13] C

[51] Int.Cl. 7H04B 10/08 7H04B 10/06  
7H04B 10/12  
[25] EN  
[54] AUTOMATIC IDENTIFICATION LEVEL CONTROL CIRCUIT, IDENTIFICATION LEVEL CONTROL METHOD, AUTOMATIC IDENTIFICATION PHASE CONTROL CIRCUIT, IDENTIFICATION PHASE CONTROL METHOD, OPTICAL RECEIVER, AND OPTICAL COMMUNICATION SYSTEM  
[54] CIRCUIT DE COMMANDE DE NIVEAU D'IDENTIFICATION AUTOMATIQUE, MÉTHODE DE COMMANDE DE NIVEAU D'IDENTIFICATION, CIRCUIT DE COMMANDE DE PHASE D'IDENTIFICATION AUTOMATIQUE, MÉTHODE DE COMMANDE DE PHASE D'IDENTIFICATION, RECEPTEUR OPTIQUE ET SYSTÈME DE COMMUNICATION OPTIQUE  
[72] KAWANO, TOSHIUMI, JP  
[72] TAJIMA, TSUTOMU, JP  
[72] MATSUMOTO, YOSHIHIRO, JP  
[72] TACHIGORI, MASASHI, JP  
[72] SHIRAIWA, MASAKI, JP  
[72] KOBAYASHI, HIROKAZU, JP  
[72] HONMA, YOSHINORI, JP  
[72] KURIYAMA, TAKASHI, JP  
[72] TAN, KENZO, JP  
[73] NEC CORPORATION, JP  
[22] 2000-12-14  
[30] JP (355687/1999) 1999-12-15  
[30] JP (255183/2000) 2000-08-25

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[11] 2,328,646  
[13] C

[51] Int.Cl. 7H02K 16/04 7H02J 1/00  
[25] EN  
[54] ALTERNATOR WITH REGULATION OF MULTIPLE VOLTAGE OUTPUTS  
[54] ALTERNATEUR À STABILISATION DE TENSIONS DE SORTIE MULTIPLES  
[72] JABAJI, ISSAM, US  
[73] C.E. NIEHOFF & CO., US  
[22] 2000-12-15  
[30] US (09/414,919) 1999-12-16

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[11] **2,329,905**  
[13] C

[51] Int.Cl. 7G03B 41/00 7G06K 1/00  
[25] EN  
[54] PHOTOGRAPHING SYSTEM AND  
PHOTOGRAPHING METHOD  
[54] SYSTEME ET TECHNIQUE DE  
PRISE DE VUES  
[72] MOTOMURA, MASATUGU, JP  
[73] STUDIO ALICE CO., LTD., JP  
[22] 2000-12-28

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[11] **2,329,989**  
[13] C

[51] Int.Cl. 7C08J 9/04 7C09K 5/00 7C08J  
9/18  
[25] EN  
[54] HIGH PRODUCTIVITY, LOW  
FUGITIVE EMISSION FOAMS AND  
FOAM PROCESSES  
[54] MOUSSES A FAIBLE EMISSION  
FUGITIVE, A FORTE PRODUCTIVITE,  
ET PROCEDES DE MOUSSES  
[72] FRANCIS, GARY A., US  
[72] WU, WEN PAO, US  
[73] PACTIV CORPORATION, US  
[85] 2000-10-24  
[86] 2000-03-23 (PCT/US2000/007702)  
[87] (WO2000/056809)  
[30] US (09/276,332) 1999-03-25

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[11] **2,330,533**  
[13] C

[51] Int.Cl. 6B41F 31/14  
[25] EN  
[54] INKING ARRANGEMENT FOR  
PRINTING PRESSES  
[54] DISPOSITIF D'ENCRAVAGE POUR  
PRESSES  
[72] IZUME, MASAYUKI, JP  
[73] I. MAR PLANNING INC., JP  
[85] 2000-10-30  
[86] 1999-07-27 (PCT/JP1999/004018)  
[87] (WO2000/027637)  
[30] JP (10/317240) 1998-11-09

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[11] **2,331,181**  
[13] C

[51] Int.Cl. 6E21C 41/26  
[25] EN  
[54] METHOD FOR THE  
EXPLOITATION OF OPEN-AIR  
MINING FIELDS  
[54] PROCEDE POUR  
L'EXPLOITATION DE GISEMENTS A  
CIEL OUVERT  
[72] JUN, RUSLAN BORISOVICH, RU  
[72] BORSCH-KOMPONIETS, VITALY  
IVANOVICH, RU  
[73] JUN, RUSLAN BORISOVICH, RU  
[73] BORSCH-KOMPONIETS, VITALY  
IVANOVICH, RU  
[85] 2000-11-02  
[86] 1998-08-27 (PCT/RU1998/000277)  
[87] (WO1999/058817)  
[30] RU (98108342) 1998-05-12

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[11] **2,332,669**  
[13] C

[51] Int.Cl. 7A61L 2/10  
[25] EN  
[54] BEDDING SANITIZER  
[54] STERILISATEUR D'ARTICLES DE  
LITERIES  
[72] FENC, JERRY, CA  
[73] FENC, JERRY, CA  
[22] 2001-01-30

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[11] **2,333,135**  
[13] C

[51] Int.Cl. 7H04B 1/69  
[25] EN  
[54] METHOD FOR CONTROLLING  
GATED TRANSMISSION OF  
DEDICATED CHANNEL IN W-CDMA  
COMMUNICATION SYSTEM  
[54] PROCEDE DE COMMANDE DE  
L'EMISSION INTERMITTENTE SUR  
UN CANAL SPECIALISE DANS UN  
SYSTEME DE COMMUNICATION W-  
CDMA  
[72] MUN, HYUN-JUNG, KR  
[72] KIM, KYOU-WOONG, KR  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 2000-11-24  
[86] 2000-04-12 (PCT/KR2000/000344)  
[87] (WO2000/062435)  
[30] KR (1999/13611) 1999-04-12  
[30] KR (1999/12880) 1999-04-13  
[30] KR (1999/18343) 1999-05-20

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[11] **2,333,700**  
[13] C

[51] Int.Cl. 6A47K 13/02 6B29C 45/14  
6A47K 13/30  
[25] EN  
[54] TOILET SEAT AND LID  
ASSEMBLY  
[54] ENSEMBLE DE SIEGE ET  
ABATTANT DE TOILETTE  
[72] HOGUE, AARON G., US  
[73] HOGUE, AARON G., US  
[85] 2000-11-29  
[86] 1999-01-06 (PCT/US1999/001206)  
[87] (WO1999/062392)  
[30] US (09/089,469) 1998-06-02

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[11] **2,334,698**  
[13] C

[51] Int.Cl. 6B05D 3/06 6B05D 1/40 6B29C  
33/68  
[25] EN  
[54] RELEASE SHEET FOR USE WITH  
MULTICOMPONENT REACTIVE  
URETHANE SYSTEMS AND METHOD  
OF MANUFACTURE  
[54] FEUILLE DE DECOLEMENT  
UTILISEE AVEC DES SYSTEMES  
D'URETHANE REACTIFS  
MULTICONSTITUANTS ET PROCEDE  
DE PRODUCTION  
[72] GLASSOCK, JUDITH I., US  
[73] S.D. WARREN SERVICES  
COMPANY, US  
[85] 2000-12-08  
[86] 1999-06-02 (PCT/US1999/012250)  
[87] (WO2000/002669)  
[30] US (09/111,447) 1998-07-08

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[11] **2,335,479**  
[13] C

[51] Int.Cl. 6F16L 57/00  
[25] EN  
[54] PIPE CAGE  
[54] CAGE POUR TUYAUX  
[72] PIORKOWSKI, MICHAEL J., US  
[73] PIORKOWSKI, MICHAEL J., US  
[85] 2000-12-18  
[86] 1998-07-15 (PCT/US1998/014440)  
[87] (WO2000/004319)

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[11] 2,335,723  
[13] C

[51] Int.Cl. 7G01F 1/00 7G01F 1/66  
[25] EN  
[54] APPARATUS FOR DETERMINING FLUID FLOW  
[54] APPAREIL POUR DETERMINER LE DEBIT D'UN FLUIDE  
[72] MILLER, ROBERT C., US  
[72] HAUSER, ERNEST M., US  
[72] HASTINGS, CALVIN R., US  
[73] CALDON, INC., US  
[22] 1993-10-05  
[62] 2,271,502  
[30] US (957,411) 1992-10-06

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[11] 2,336,307  
[13] C

[51] Int.Cl. 6H04B 1/38 6H04B 7/02  
[25] EN  
[54] A COMMUNICATION SYSTEM FOR TRANSMITTING AND DEMODULATING A COMMUNICATION SIGNAL USING AN ADAPTIVE ANTENNA ARRAY  
[54] SYSTEME DE COMMUNICATION POUR EMETTRE ET DEMODULER UN SIGNAL DE COMMUNICATION A L'AIDE D'UN RESEAU D'ANTENNES ADAPTATIVES  
[72] HARRISON, ROBERT MARK, US  
[73] MOTOROLA, INC., US  
[85] 2000-12-28  
[86] 1999-06-22 (PCT/US1999/014005)  
[87] (WO2000/001078)  
[30] US (09/107,106) 1998-06-30

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[11] 2,337,147  
[13] C

[51] Int.Cl. 7B29C 47/68 7B29C 47/08  
[25] EN  
[54] DEVICE FOR INFLUENCING THE FLOW-THROUGH OF PLASTIC MATERIAL WHICH IS HEATED SUCH THAT IT CAN FLOW THROUGH A HOUSING  
[54] DISPOSITIF POUR INFLUER SUR LE DEBIT D'UNE MATIERE PLASTIQUE RECHAUFFEE DE MANIERE A POUVOIR S'ECOULER, A TRAVERS UN BOITIER  
[72] SCHULZ, HELMUTH, AT  
[72] WENDELIN, GEORG, AT  
[72] BACHER, HELMUT, AT  
[73] SCHULZ, HELMUTH, AT  
[73] WENDELIN, GEORG, AT  
[73] BACHER, HELMUT, AT  
[85] 2001-01-11  
[86] 1999-07-21 (PCT/AT1999/000183)  
[87] (WO2000/007800)  
[30] AT (A 1361/98) 1998-08-06

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[11] 2,337,306  
[13] C

[51] Int.Cl. 7H04L 9/20  
[25] EN  
[54] METHOD AND APPARATUS FOR SYMMETRIC-KEY ENCRYPTION  
[54] METHODE ET APPAREIL POUR LE CHIFFREMENT DE CLES SYMETRIQUES  
[72] TAKARAGI, KAZUO, JP  
[72] KURUMATANI, HIROYUKI, JP  
[72] MIYAZAKI, KUNIHIKO, JP  
[72] TAKAHASHI, MASASHI, JP  
[72] FURUYA, SOICHI, JP  
[72] SATO, HISAYOSHI, JP  
[72] WATANABE, DAI, JP  
[73] HITACHI, LTD., JP  
[22] 2001-02-15  
[30] JP (2000-070994) 2000-03-09  
[30] JP (2000-210690) 2000-07-06

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[11] 2,337,601  
[13] C

[51] Int.Cl. 7H03M 1/18  
[25] EN  
[54] A HIGH-POWER SELECTIVE SIGNAL ATTENUATOR AND METHOD OF ATTENUATION  
[54] ATTENUATEUR DE SIGNAL SELECTIF DE GRANDE PUISANCE ET METHODE D'ATTENUATION  
[72] ZAPPALA, CHRISTOPHER F., US  
[72] KOLSRUD, ARILD, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-19  
[30] US (09/533,109) 2000-03-22

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[11] 2,338,469  
[13] C

[51] Int.Cl. 7B65G 69/22  
[25] EN  
[54] VEHICLE RESTRAINT DEVICE  
[54] DISPOSITIF DE RETENUE DE VEHICULE  
[72] LAMBERT, JIMMY, CA  
[73] PRO-QUAI INC., CA  
[22] 2001-02-27  
[30] CA (2,324,516) 2000-10-26

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[11] 2,339,321  
[13] C

[51] Int.Cl. 7G08C 19/00 7G01D 7/02  
7G01N 27/82  
[25] EN  
[54] NON-DESTRUCTIVE TESTING APPARATUS AND METHOD  
[54] APPAREIL ET METHODE D'ESSAI NON DESTRUCTIF  
[72] KAWATA, KAYOKO, JP  
[72] MATSUMOTO, MITSUYOSHI, JP  
[72] KUMANO, SHINTARO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-08-03  
[62] 2,279,564  
[30] JP (233627/1998) 1998-08-05

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[11] 2,339,458  
[13] C

[51] Int.Cl. 7G05D 1/03  
[25] EN  
[54] UNDER-CART TYPE GUIDED TRACTOR  
[54] TRACTEUR PORTE-CHARIOT  
[72] SUGIYAMA, MOTOHIRO, JP  
[72] OOISHI, KAZUNORI, JP  
[73] YAZAKI INDUSTRIAL CHEMICAL CO., LTD., JP  
[22] 2001-03-07

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[11] **2,339,669**  
[13] C

[51] Int.Cl. 7F16K 11/00 7F16K 27/00  
7E03C 1/05  
[25] EN  
[54] FAUCET ASSEMBLY WITH INDEPENDENT CONTROLS FOR TEMPERATURE AND FLOW RATE  
[54] ROBINET A DISPOSITIFS DE REGLAGE DE LA TEMPERATURE ET DU DEBIT INDEPENDANTS  
[72] CHANG, TA-CHUN, XX  
[73] GLOBE UNION INDUSTRIAL CORP., XX  
[22] 2001-03-06

[11] **2,340,557**  
[13] C

[51] Int.Cl. 7G06F 19/00 7B60K 23/02  
[25] EN  
[54] SIMULATOR FOR AUTOMATIC VEHICLE TRANSMISSION CONTROLLERS  
[54] SIMULATEUR DE REGULATEURS DE TRANSMISSION AUTOMATIQUE DE VEHICULE  
[72] SUZUKI, SHOICHI, JP  
[72] HAGIWARA, KENJI, JP  
[72] TERAYAMA, SATOSHI, JP  
[72] YODA, KO, JP  
[72] TAKEDA, YOHEI, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-03-12  
[30] JP (2000-070580) 2000-03-14

[11] **2,340,970**  
[13] C

[51] Int.Cl. 7A01C 7/00 7A01C 7/20  
[25] EN  
[54] TUNING ORIFICE FOR PNEUMATIC METERING MANIFOLD  
[54] ORIFICE DE REGLAGE POUR COLLECTEUR DE MESURE PNEUMATIQUE  
[72] LUXON, GARY DELOY, US  
[73] DEERE & COMPANY, US  
[22] 2001-03-14  
[30] US (09/528,691) 2000-03-20

[11] **2,341,000**  
[13] C

[51] Int.Cl. 7H04M 1/00 7H04M 11/06  
7G06F 3/16  
[25] EN  
[54] TDD EMULATOR FOR A PERSONAL COMPUTER HAVING A SOUND CARD  
[54] EMULATEUR ATS POUR ORDINATEUR PERSONNEL DOTE D'UNE CARTE DE SON  
[72] TREMBLAY, JACQUES, CA  
[73] AURISTAR TECHNOLOGIES INC., CA  
[22] 2001-03-15  
[30] US (09527588) 2000-03-17

[11] **2,343,303**  
[13] C

[51] Int.Cl. 6B63C 9/15 6B60C 29/00  
6B63C 9/19 6F16K 15/20  
[25] EN  
[54] INFLATABLE PERSONAL FLOTATION DEVICE WITH GAS INLET NOZZLE  
[54] DISPOSITIF DE FLOTTaison INDIVIDUEL GONFLABLE, DOTE D'UN EMBOUT D'ENTREE DE GAZ  
[72] LOISEL, JEAN, CA  
[73] LOISEL, JEAN, CA  
[85] 2001-03-07  
[86] 1998-09-10 (PCT/CA1998/000852)  
[87] (WO2000/015492)

[11] **2,345,447**  
[13] C

[51] Int.Cl. 7C12N 15/86 7A61K 48/00  
[25] EN  
[54] RECOMBINANT ADENOVIRUS FOR TISSUE SPECIFIC EXPRESSION IN HEART  
[54] ADENOVIRUS RECOMBINANT POUVANT ACCOMPLIR UNE EXPRESSION SPECIFIQUE DU TISSU CARDIAQUE  
[72] WANG, YIBIN, US  
[72] CHIEN, KENNETH R., US  
[72] EVANS, SYLVIA, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-03-09  
[86] 1999-09-10 (PCT/US1999/020730)  
[87] (WO2000/015821)  
[30] US (60/099,960) 1998-09-11

[11] **2,345,683**  
[13] C

[51] Int.Cl. 7H01J 49/04  
[25] EN  
[54] VORTEX GAS FLOW INTERFACE FOR ELECTROSPRAY MASS SPECTROMETRY  
[54] INTERFACE A ECOULEMENT GAZEUX TOURBILLONNAIRE DESTINEE A UNE SPECTROMETRIE DE MASSE PAR ELECTRONEBULISATION  
[72] WELLS, GREGORY J., US  
[72] TONG, ROGER C., US  
[72] YEE, PETER P., US  
[73] VARIAN, INC., US  
[85] 2001-03-27  
[86] 1999-09-27 (PCT/US1999/022446)  
[87] (WO2000/019484)  
[30] US (09/162,258) 1998-09-28

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**[11] 2,350,712**  
 [13] C

- [51] Int.Cl. 7H04N 9/64
  - [25] EN
  - [54] METHOD FOR COLOR DETECTION IN VIDEO IMAGES
  - [54] PROCEDE DE DETECTION DE COULEURS DANS DES IMAGES VIDEO
  - [72] CLASSEN, BRIAN J., CA
  - [72] CHRISTOFF, JORDAN C., US
  - [73] FLEXI-COIL LTD., CA
  - [85] 2001-05-11
  - [86] 1999-11-12 (PCT/IB1999/001980)
  - [87] (WO2000/030362)
  - [30] US (60/108,242) 1998-11-13
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**[11] 2,353,171**  
 [13] C

- [51] Int.Cl. 7B60N 2/26
  - [25] EN
  - [54] JUVENILE CARRIER WITH JUVENILE-RESTRAINT HARNESS ADJUSTMENT MECHANISM
  - [54] PORTE-ENFANT A MECANISME DE REGLAGE DE HARNAIS DE RETENUE
  - [72] KAIN, JAMES M., US
  - [73] COSCO MANAGEMENT, INC., US
  - [22] 2001-07-16
  - [30] US (60/234,528) 2000-09-22
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**[11] 2,354,244**  
 [13] C

- [51] Int.Cl. 7F26B 1/00 7F26B 5/00
  - [25] EN
  - [54] METHOD OF DRYING WOOD VENEER
  - [54] METHODE DE SECHAGE DE BOIS DE PLACAGE
  - [72] KOTT, NORBERT, CA
  - [72] PIKE, ROBERT LEESON, CA
  - [72] CHURCHLAND, MARK TRELAWNY, CA
  - [73] WEYERHAEUSER COMPANY, US
  - [22] 2001-07-17
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**[11] 2,354,315**  
 [13] C

- [51] Int.Cl. 7A01G 23/08 7A01G 23/093
- [25] EN
- [54] TREE FELLING AND SHAPING APPARATUS
- [54] ABATTEUSE ET FACONNEUSE D'ARBRES
- [72] OILUND, LESTER D., CA
- [73] QUADCO EQUIPMENT INC., CA
- [22] 2001-07-30

**[11] 2,357,440**  
 [13] C

- [51] Int.Cl. 7H04Q 1/30
  - [25] EN
  - [54] LOAD SHARED ARCHITECTURE FOR AN SS7 NODE
  - [54] ARCHITECTURE A PARTAGE DE CHARGE POUR UN NOEUD SS7
  - [72] MALOY, JON, CA
  - [73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
  - [22] 2001-09-13
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**[11] 2,363,357**  
 [13] C

- [51] Int.Cl. 7B32B 27/20 7B32B 29/00
  - [25] EN
  - [54] DECORATIVE RAW PAPER WITH HIGH OPACITY
  - [54] PAPIER BRUT DECORATIF DE FORTE OPACITE
  - [72] SCHULZ, HARTMUT, DE
  - [73] TECHNOCELL DEKOR GMBH & CO., KG., DE
  - [22] 2001-11-15
  - [30] DE (100 57 294.4) 2000-11-17
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**[11] 2,357,730**  
 [13] C

- [51] Int.Cl. 6B60B 3/04 6B60B 3/10 6B21K 1/28
  - [25] EN
  - [54] FULL FACED STEEL VEHICLE WHEEL AND METHOD OF MANUFACTURE
  - [54] ROUE DE VEHICULE EN ACIER ENTIEREMENT SURFACEE ET PROCEDE DE FABRICATION
  - [72] SIEDELMANN, DARYL, US
  - [72] CVIJANOVIC, RATKO, US
  - [73] ACCURIDE CORPORATION, US
  - [85] 2001-09-05
  - [86] 1999-11-10 (PCT/US1999/026522)
  - [87] (WO2000/027652)
  - [30] US (09/189,816) 1998-11-10
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**[11] 2,364,337**  
 [13] C

- [51] Int.Cl. 7F16K 15/02
  - [25] EN
  - [54] VALVE WITH INCREASED INLET FLOW
  - [54] ROBINET OFFRANT UN DEBIT D'ENTREE ACCRU
  - [72] MERCHANT, AZIZ J., US
  - [72] HALL, GEORGE A., US
  - [72] WU, SAMUEL S., US
  - [73] NATIONAL-OILWELL, L.P., US
  - [22] 2001-12-05
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**[11] 2,366,111**  
 [13] C

- [51] Int.Cl. 7G01F 1/84
  - [25] EN
  - [54] LATERAL MODE STABILIZER FOR CORIOLIS FLOWMETER
  - [54] STABILISATEUR EN MODE LATERAL DESTINE A UN DEBITMETRE A EFFET DE CORIOLIS
  - [72] OLLILA, CURTIS JOHN, US
  - [73] MICRO MOTION, INC., US
  - [85] 2001-08-03
  - [86] 2000-01-20 (PCT/US2000/001367)
  - [87] (WO2000/047956)
  - [30] US (09/247,429) 1999-02-10
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- [25] EN
- [54] POWER RAIL AND GUIDEBEAM ASSEMBLY FOR A VEHICLE TRANSPORTATION SYSTEM
- [54] ENSEMBLE RAIL D'ALIMENTATION ET POUTRE DE GUIDAGE DESTINE A UN SYSTEME DE TRANSPORT DE VEHICULES
- [72] MALEK, LARRY K., US
- [72] BURG, THOMAS J., US
- [73] BOMBARDIER TRANSPORTATION GMBH, DE
- [85] 2001-09-12
- [86] 2000-03-10 (PCT/US2000/006370)
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[11] **2,367,469**  
[13] C

[51] Int.Cl. 7A61M 1/10 7A61M 1/36  
[25] EN  
[54] HEART ASSIST SYSTEM  
[54] SYSTEME D'ASSISTANCE  
CARDIAQUE  
[72] ALDEA, GABRIEL, US  
[72] GHARIB, MORTEZA, US  
[72] GADDIS, MARY LYNN, US  
[72] BOLLING, STEVEN F., US  
[72] VIOLE, ANTHONY J., US  
[73] ORQIS MEDICAL CORPORATION,  
US  
[85] 2001-10-05  
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[30] US (09/289,231) 1999-04-09  
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[13] C

[51] Int.Cl. 7B01J 14/00 7F04B 19/00  
7B01J 19/00 7B01L 3/02  
[25] EN  
[54] FLUID MANAGEMENT  
APPARATUS WITH FORMAT  
CONVERSION  
[54] DISPOSITIF DE MANIPULATION  
DE FLUIDE A CONVERSION DE  
FORMAT  
[72] GRUHLER, HOLGER, DE  
[72] ZENGERLE, ROLAND, DE  
[72] FREYGANG, MICHAEL, DE  
[72] HEY, NICOLAUS, DE  
[72] MULLER, MARTIN, DE  
[73] HAHN-SCHICKARD-  
GESELLSCHAFT FUER ANGEWANDTE  
FORSCHUNG E.V., DE  
[85] 2002-03-01  
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[87] (WO2000/056442)  
[30] DE (199 13 076.0) 1999-03-23

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[11] **2,369,313**  
[13] C

[51] Int.Cl. 7H04B 1/69  
[25] EN  
[54] APPARATUS AND METHOD FOR  
NORMALIZING METRIC VALUES IN A  
COMPONENT DECODER IN A MOBILE  
COMMUNICATION SYSTEM  
[54] APPAREIL ET PROCEDE DE  
NORMALISATION DES VALEURS  
METRIQUES DANS UN DECODEUR DE  
COMPOSANTE LOGE DANS UN  
SYSTEME DE COMMUNICATION  
MOBILE  
[72] KIM, BEONG-JO, KR  
[72] KIM, MIN-GOO, KR  
[72] LEE, YOUNG-HWAN, KR  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 2001-10-02  
[86] 2000-04-27 (PCT/KR2000/000402)  
[87] (WO2000/067386)  
[30] KR (1999/15223) 1999-04-28

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[11] **2,373,092**  
[13] C

[51] Int.Cl. 7H01R 33/96  
[25] FR  
[54] DOUILLE DE SECURITE  
[54] SAFETY SOCKET  
[72] DAMOND, JEAN-LUC, CH  
[72] MORET, PHILIPPE, CH  
[72] BONARD, YVES, CH  
[73] DOLSIMER INVESTMENT S.A., PA  
[85] 2001-11-05  
[86] 2000-03-29 (PCT/CH2000/000183)  
[87] (WO2000/067349)  
[30] EP (99810372.5) 1999-05-03  
[30] CH (1380/99) 1999-07-27

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[11] **2,374,777**  
[13] C

[51] Int.Cl. 7H04L 7/027 7H03L 7/097  
[25] EN  
[54] CLOCK/DATA RECOVERY  
CIRCUIT  
[54] CIRCUIT D'EXTRACTION DU  
SIGNAL D'HORLOGE ET DE DONNEES  
[72] KISHINE, KEIJI, JP  
[72] ICHINO, HARUHIKO, JP  
[73] NIPPON TELEGRAPH AND  
TELEPHONE CORPORATION, JP  
[22] 2002-03-06  
[30] JP (2001-063775) 2001-03-07  
[30] JP (2001-326090) 2001-10-24

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[11] **2,377,851**  
[13] C

[51] Int.Cl. 7F03D 7/00 7F03D 11/00  
[25] EN  
[54] WIND POWER PLANT PROVIDED  
WITH CAST SHADOW CONTROL  
[54] INSTALLATION D'ENERGIE  
EOLIENNE A REGULATION DE LA  
PROJECTION DE L'OMBRE  
[72] WOBKEN, ALOYS, DE  
[73] WOBKEN, ALOYS, DE  
[85] 2001-12-28  
[86] 2000-03-11 (PCT/EP2000/002158)  
[87] (WO2001/002723)  
[30] DE (199 29 970.6) 1999-06-30

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[11] **2,377,923**  
[13] C

[51] Int.Cl. 7H01Q 11/12 7H04B 1/00  
7H04B 7/00  
[25] EN  
[54] METHOD FOR DYNAMIC  
TRANSMITTER TRAINING FOR A  
SHARED COMMUNICATION SYSTEM  
UTILIZING DYNAMIC CHANNEL  
ALLOCATION  
[54] PROCEDE D'ENTRAINEMENT  
DYNAMIQUE D'EMETTEURS  
DESTINE A UN SYSTEME DE  
COMMUNICATION PARTAGE  
UTILISANT L'ATTRIBUTION DE  
CANAUX DYNAMIQUE  
[72] PATEL, ANIL N., US  
[72] LENZ, DOUGLAS A., US  
[72] KORNELUK, JOSE E., US  
[73] MOTOROLA, INC., US  
[85] 2001-12-28  
[86] 2001-03-30 (PCT/US2001/010569)  
[87] (WO2001/084668)  
[30] US (09/560,782) 2000-04-28

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[11] **2,378,126**  
[13] C

[51] Int.Cl. 7B67D 5/56  
[25] EN  
[54] AN ADDITIVE INJECTOR FOR A  
DISPENSING VALVE  
[54] INJECTEUR D'ADDITIF POUR UN  
ROBINET  
[72] DAVIS, HARLAN R., US  
[73] LANCER PARTNERSHIP, LTD., US  
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[13] C

[51] Int.Cl. 7H04N 1/46 7H04N 1/64  
[25] EN  
[54] IMAGE PROCESSING SYSTEM  
[54] SYSTEME DE TRAITEMENT  
D'IMAGES  
[72] TATEYAMA, SEIJI, JP  
[73] HUDSON SOFT CO. LTD., JP  
[22] 1993-09-17  
[62] 2,106,441  
[30] JP (4-298071) 1992-10-09  
[30] JP (4-300668) 1992-10-14  
[30] JP (4-300669) 1992-10-14

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[11] 2,413,282  
[13] C

[51] Int.Cl. 7H04L 1/00 7H03K 5/02  
7H03D 1/04 7H03K 6/04 7H03D 1/06  
7H04L 25/08 7H04B 1/10  
[25] EN  
[54] SYSTEM AND METHOD FOR  
PEAK POWER REDUCTION IN  
MULTIPLE CARRIER  
COMMUNICATIONS SYSTEMS  
[54] SYSTEME ET PROCEDE DE  
REDUCTION DE PUISSANCE DE  
CRETE DANS LES SYSTEMES DE  
COMMUNICATIONS A PORTEUSES  
MULTIPLES  
[72] HUNTON, MATTHEW J., US  
[73] POWERWAVE TECHNOLOGIES,  
INC., US  
[85] 2002-12-17  
[86] 2001-06-19 (PCT/US2001/019463)  
[87] (WO2001/099293)  
[30] US (60/212,892) 2000-06-20

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[11] 2,414,559  
[13] C

[51] Int.Cl. 7H02K 15/02  
[25] EN  
[54] A MAGNETO ELECTRIC  
GENERATOR ROTOR AND AN  
IMPLEMENT FOR REMOVING THIS  
ROTOR  
[54] ROTOR DE GENERATEUR  
ELECTROMAGNETIQUE ET  
ACCESSION POUR ENLEVER L'EDIT  
ROTOR  
[72] IWATA, MASAO, JP  
[72] KAWAI, NORIO, JP  
[72] KITAMURA, YOSHIKI, JP  
[73] OPPAMA INDUSTRY CO., LTD., JP  
[22] 1996-05-01  
[62] 2,175,510  
[30] JP (132689/1995) 1995-05-02  
[30] JP (132690/1995) 1995-05-02  
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[30] JP (206455/1995) 1995-07-20  
[30] JP (210977/1995) 1995-07-27

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[11] 2,414,600  
[13] C

[51] Int.Cl. 7H02K 15/02 7B25B 27/00  
7B23P 19/04  
[25] EN  
[54] A MAGNETO ELECTRIC  
GENERATOR ROTOR AND AN  
IMPLEMENT FOR REMOVING THIS  
ROTOR  
[54] ROTOR DE GENERATEUR  
ELECTROMAGNETIQUE ET  
ACCESSION POUR ENLEVER L'EDIT  
ROTOR  
[72] KAWAI, NORIO, JP  
[72] IWATA, MASAO, JP  
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[73] OPPAMA INDUSTRY CO., LTD., JP  
[22] 1996-05-01  
[62] 2,175,510  
[30] JP (132689/1995) 1995-05-02  
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[30] JP (192487/1995) 1995-07-05  
[30] JP (206455/1995) 1995-07-20  
[30] JP (210977/1995) 1995-07-27

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[11] 2,441,159  
[13] C

[51] Int.Cl. 7G02B 6/12 7H01L 27/14  
[25] EN  
[54] OPTO-ELECTRONIC HYBRID  
INTEGRATION PLATFORM, OPTICAL  
SUB-MODULE, OPTO-ELECTRONIC  
HYBRID INTEGRATION CIRCUIT,  
AND PROCESS FOR FABRICATING  
PLATFORM  
[54] PLATE-FORME D'INTEGRATION  
D'ELEMENTS OPTO-  
ELECTRONIQUES, SOUS-MODULE  
OPTIQUE, CIRCUIT OPTO-  
ELECTRONIQUE INTEGRE HYBRIDE  
ET METHODE DE FABRICATION DE  
LA PLATE-FORME  
[72] KATO, KUNIHARU, JP  
[72] MINO, SHINJI, JP  
[72] YOSHINO, KAORU, JP  
[72] YAMADA, YASUFUMI, JP  
[72] HASHIMOTO, TOSHIKAZU, JP  
[72] YANAGISAWA, MASAHIRO, JP  
[72] MORIWAKI, KAZUYUKI, JP  
[72] SUGITA, AKIO, JP  
[72] TERUI, HIROSHI, JP  
[72] OGAWA, IKUO, JP  
[73] NIPPON TELEGRAPH &  
TELEPHONE CORPORATION, JP  
[22] 1994-08-09  
[62] 2,276,197  
[30] JP (197,325/1993) 1993-08-09  
[30] JP (306,578/1993) 1993-12-07  
[30] JP (106,492/1994) 1994-05-20  
[30] JP (148,222/1994) 1994-06-29

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[11] 2,435,114  
[13] C

[51] Int.Cl. 7A47L 7/00 7A47L 7/02 7A46B  
17/08 7A47L 13/38  
[25] FR  
[54] BALAI PORTE POUSSIÈRE  
AUTOMATIQUE  
[54] AUTOMATIC DUST PAN BROOM  
[72] STEWART, PIERRE, CA  
[73] STEWART, PIERRE, CA  
[22] 2003-07-21

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[21] 2,407,284  
[13] A1

[51] Int.Cl. 7F01C 1/00  
[25] FR  
[54] MACHINES ENERGETIQUES A SOUTIENT EQUIDISTANTS  
[54] ENERGY MACHINES WITH EQUIDISTANT SUPPORT  
[72] BEAUDOIN, NORMAND, CA  
[71] BEAUDOIN, NORMAND, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] 2,408,184  
[13] A1

[51] Int.Cl. 7A47G 25/00  
[25] EN  
[54] GARMENT HOLDER  
[54] SUPPORT A VETEMENT  
[72] AHOFF, MARILYN, CA  
[71] AHOFF, MARILYN, CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,408,192  
[13] A1

[51] Int.Cl. 7A01N 65/00 7A01N 61/00  
[25] EN  
[54] DOG GONE FLIES  
[54] ONGUENT « DOG GONE FLIES »  
[72] McMURCHY, JOANNE ALICE, CA  
[71] McMURCHY, JOANNE ALICE, CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,408,203  
[13] A1

[51] Int.Cl. 7A01K 29/00  
[25] EN  
[54] PET EXCREMENT CATCHER  
[54] ATTRAPE-EXCREMENTS POUR ANIMAUX FAMILIERS  
[72] KIELLAND, PETER JOHANN, CA  
[71] KIELLAND, PETER JOHANN, CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] 2,408,206  
[13] A1

[51] Int.Cl. 7E03D 1/34 7E03D 3/12 7E03D 1/14  
[25] EN  
[54] CONCENTRIC TANK FLAPPER SYSTEM  
[54] CLAPET CONCENTRIQUE DE RESERVOIR DE CHASSE  
[72] HORVATH, JULIUS, CA  
[71] HORVATH, JULIUS, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] 2,408,379  
[13] A1

[51] Int.Cl. 7A01K 1/01  
[25] EN  
[54] FLUSH TOILET FOR DOGS  
[54] TOILETTE A CHASSE POUR CHIENS  
[72] CHIU, CHUI-WEN, CA  
[71] CHIU, CHUI-WEN, CA  
[22] 2002-11-07  
[41] 2004-05-07

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[21] 2,408,492  
[13] A1

[51] Int.Cl. 7F23L 17/02  
[25] EN  
[54] CHIMNEY TOP EXHAUST ACCELERATOR  
[54] ACCELERATEUR D'EVACUATION POUR COURONNEMENT DE CHEMINEE  
[72] SPOTTON, RONALD HARWOOD, CA  
[71] SPOTTON, RONALD HARWOOD, CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,408,517  
[13] A1

[51] Int.Cl. 7B67B 7/92  
[25] EN  
[54] AMPOULE SNAPPER AND HYPODERMIC NEEDLE REMOVER  
[54] BRISE-AMPOULE ET DISPOSITIF D'ENLEVEMENT D'AIGUILLES HYPODERMIQUES  
[72] FERREIRA, JONES, CA  
[71] FERREIRA, JONES, CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] 2,408,523  
[13] A1

[51] Int.Cl. 7E04F 11/04  
[25] EN  
[54] STAIR STEPS GRIPPER  
[54] DISPOSITIF D'ADHERENCE A DES MARCHES D'ESCALIER  
[72] PREDA, GEORGE, US  
[71] PREDA, GEORGE, US  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,408,526  
[13] A1

[51] Int.Cl. 7A01G 23/14  
[25] FR  
[54] SIROPTIERE A VIDE D'AIR  
[54] VACUUM STORAGE CONTAINER FOR MAPLE SYRUP  
[72] LACHANCE, FERNAND, CA  
[71] LACHANCE, FERNAND, CA  
[22] 2002-11-08  
[41] 2004-05-08

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[21] 2,408,836  
[13] A1

[51] Int.Cl. 7F02B 33/40  
[25] EN  
[54] "POKER POWER" AUTOMOTIVE STEAM POWERED SUPERCHARGING  
[54] SURALIMENTATION A VAPEUR «POKER POWER» POUR VEHICULES AUTOMOBILES  
[72] POPMARKOV, STEVE, CA  
[71] POPMARKOV, STEVE, CA  
[22] 2002-11-07  
[41] 2004-05-07

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[21] 2,408,854  
[13] A1

[51] Int.Cl. 7B60R 9/055  
[25] EN  
[54] VEHICLE ROOF TOP STORAGE SYSTEM WITH ADJUSTABLE PILLARS AND LONGITUDINAL RAILS SUPPORTING CONTAINERS WITH A LOW CENTRE OF GRAVITY AND INCORPORATING A MEANS OF STORING AND DEPLOYING AN AWNING  
[54] GALERIE DE VEHICULE AVEC MONTANTS REGLABLES ET RAILS LONGITUDINAUX POUR CONTENEURS A CENTRE DE GRAVITE BAS ET PERMETTANT L'ENTREPOSAGE ET LE DEPLOIEMENT D'UNE TOILE  
[72] WOOD, ROBERT A.R., CA  
[72] MACDONALD, KEITH A., CA  
[71] WOOD, ROBERT A.R., CA  
[71] MACDONALD, KEITH A., CA  
[22] 2002-11-08  
[41] 2004-05-08

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[21] 2,408,963  
[13] A1

[51] Int.Cl. 7C12Q 1/18 7C12Q 1/22  
7C12Q 1/24 7C12M 1/36  
[25] EN  
[54] AUTOMATED MULTI-TASKING INCUBATOR-SPECTROPHOTOMETER  
[54] INCUBATEUR-SPECTROPHOTOMETRE MULTITACHES AUTOMATISE  
[72] KANIPAYOR, RAVI, CA  
[72] EMBURGH, RON, CA  
[72] OBIE, WAYNE M., CA  
[71] AQUASURE TECHNOLOGIES INC., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] 2,409,210  
[13] A1

[51] Int.Cl. 7G01N 33/48 7G01N 35/00  
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7G01N 33/50 7C12Q 1/70  
[25] EN  
[54] AUTOMATED MULTI-TASKING INCUBATOR-SPECTROPHOTOMETER  
[54] INCUBATEUR-SPECTROPHOTOMETRE MULTITACHES AUTOMATISE  
[72] OBIE, WAYNE M., CA  
[72] KANIPAYOR, RAVI, CA  
[72] EMBURGH, RON, CA  
[71] AQUASURE TECHNOLOGIES INC., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] 2,409,545  
[13] A1

[51] Int.Cl. 7B60P 3/22 7B65G 53/24  
[25] EN  
[54] LOADER VACUUM ATTACHMENT  
[54] EQUIPEMENT D'ASPIRATION POUR CHARGEUR  
[72] DUNCAN, CAMERON S., CA  
[72] CLARK, WARREN J., CA  
[71] DUNCAN, CAMERON S., CA  
[71] CLARK, WARREN J., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] 2,410,121  
[13] A1

[51] Int.Cl. 7A62B 1/06  
[25] FR  
[54] FENETRE SECOURS ET DEMENAGEMENT  
[54] EMERGENCY WINDOW AND RELOCATION  
[72] GOSSELIN, REJEANNE, CA  
[72] CORRIVEAU, SEBASTIEN, CA  
[72] VANDAL, RICHARD, CA  
[71] GOSSELIN, REJEANNE, CA  
[71] CORRIVEAU, SEBASTIEN, CA  
[71] VANDAL, RICHARD, CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,410,927  
[13] A1

[51] Int.Cl. 7C10G 35/16 7C10G 35/02  
7B01J 19/08 7C01B 3/36  
[25] FR  
[54] REACTEUR A CHAUFFAGE ELECTRIQUE POUR LE REFORMAGE EN PHASE GAZEUSE  
[54] ELECTRICALLY HEATED REACTOR FOR REFORMING IN GASEOUS PHASE  
[72] PETITCLERC, MICHEL, CA  
[72] LAFLAMME, CLAUDE B., CA  
[72] LABRECQUE, RAYNALD, CA  
[71] HYDRO-QUEBEC, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] 2,410,978  
[13] A1

[51] Int.Cl. 7G01F 23/00 7G01F 23/02  
[25] EN  
[54] SOLID STATE ILLUMINATOR FOR BI-COLOUR PORTED WATER LEVEL GAUGES  
[54] ILLUMINATEUR A SEMICONDUCTEURS POUR LIMNIMETRE BICOLORE A ORIFICES  
[72] SPENCER, JOHN, CA  
[72] KALIX, DAVID, CA  
[71] FOSSIL STEAM TECHNOLOGIES INC., CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] 2,410,980  
[13] A1

[51] Int.Cl. 7E04F 13/14 7E04C 2/04  
7E04C 2/288  
[25] EN  
[54] STONE FACINGS  
[54] REVETEMENTS EN PIERRE  
[72] ST-GERMAIN, PIERRE, CA  
[71] ST-GERMAIN, PIERRE, CA  
[22] 2002-11-04  
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[21] **2,411,103**  
[13] A1

[51] Int.Cl. 7H01M 4/66 7H01M 4/80  
[25] EN  
[54] ELECTRICALLY CONDUCTIVE COMPOSITE PLATES INCLUDING FLOW FIELD FOR DIRECT METHANOL AIR BREATHING MICRO FUEL CELL APPLICATIONS  
[54] PLAQUES EN COMPOSÉE CONDUISANT L'ÉLECTRICITÉ COMPRENANT UN CHAMP DE FLUX POUR DES APPLICATIONS DE PILE À COMBUSTIBLE AU MÉTHANOL DIRECT ASPIRANT DE L'AIR  
[72] ELLIOTT, BRENT E., CA  
[72] OTTENHOF, JAN, CA  
[72] ANDRIN, PETER, CA  
[72] FULTON, SCOTT B., CA  
[72] CHOUDHURY, BISWAJIT, CA  
[71] DUPONT CANADA INC., CA  
[22] 2002-11-04  
[41] 2004-05-04

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[21] **2,411,125**  
[13] A1

[51] Int.Cl. 7B65D 85/804  
[25] EN  
[54] INSTANT COFFEE-BREWING CONTAINER FOR PREPARING FRESHLY BREWED COFFEE  
[54] CONTENANT POUR INFUSION FRAICHE DE CAFÉ INSTANTANÉ  
[72] PARK, MYEONG JIN, KR  
[71] PARK, MYEONG JIN, KR  
[22] 2002-11-04  
[41] 2004-05-04

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[21] **2,411,129**  
[13] A1

[51] Int.Cl. 7E21B 33/06  
[25] EN  
[54] METHOD OF SEALING PRESSURE WITHIN A BLOWOUT PREVENTER AND A BLOWOUT PREVENTER  
[54] MÉTHODE DE PRÉSSION DE SCELLEMENT À L'INTÉRIEUR D'UN BLOC D'OBTURATION DE PUITS, ET BLOC D'OBTURATION DE PUITS  
[72] WIEDEMANN, JIM, CA  
[71] VANOIL EQUIPMENT INC., CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,132**  
[13] A1

[51] Int.Cl. 7H02P 9/00 7F02C 6/00  
7H02K 7/18  
[25] EN  
[54] DIRECT TURBOGENERATOR  
[54] TURBOGENERATRICE  
[72] DONNELLY, FRANK WEGNER, CA  
[71] RAILPOWER TECHNOLOGIES CORP., CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,138**  
[13] A1

[51] Int.Cl. 7H04Q 7/34 7G01S 5/14  
[25] EN  
[54] LOCATING SYSTEM AND METHOD  
[54] SYSTÈME ET MÉTHODE DE REPERAGE  
[72] MOHI, NORMAN, US  
[71] MOHI, NORMAN, US  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,143**  
[13] A1

[51] Int.Cl. 7B60Q 1/26  
[25] EN  
[54] UNIVERSAL AUXILIARY SIGNALLING APPARATUS  
[54] APPAREIL DE SIGNALISATION AUXILIAIRE UNIVERSEL  
[72] PAGEAU, ROBERT, CA  
[71] PAGEAU, ROBERT, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,152**  
[13] A1

[51] Int.Cl. 7E04H 12/12 7E04H 12/22  
[25] FR  
[54] BASE DE LAMPADAIRE EN BETON  
[54] CONCRETE LIGHT STANDARD  
[72] TALLARD, ROBERT, CA  
[72] TAVARES, ANTONIO, CA  
[72] LECUYER, MAURICE, CA  
[72] LEBLANC, RAYMOND, CA  
[71] LECUYER & FILS LTEE, CA  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,159**  
[13] A1

[51] Int.Cl. 7B02C 4/02 7B09B 3/00 7B03C 1/02 7B03B 1/04 7C08J 11/04 7B02C 23/10 7B02C 23/30 7B02C 18/40  
[25] EN  
[54] METHOD AND APPARATUS FOR THE PROCESSING OF USED TIRES AND OTHER MATERIALS  
[54] MÉTHODE ET DISPOSITIF DE TRAITEMENT DES PNEUS USAGES ET D'AUTRES MATIÈRES DE CE TYPE  
[72] CHEN, CHRISTOPHER, CA  
[71] CHEN, CHRISTOPHER, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,163**  
[13] A1

[51] Int.Cl. 7H01M 4/90 7C08L 23/12 7H01M 4/94  
[25] EN  
[54] THERMOPLASTIC FILM FOR A GAS DIFFUSION CATHODE  
[54] PELLICULE THERMOPLASTIQUE POUR UNE CATHODE À DIFFUSION DE GAZ  
[72] KULAKOV, EVGENY B., CA  
[71] ALUMINUM-POWER, INC., CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,169**  
[13] A1

[51] Int.Cl. 7A47F 13/00  
[25] EN  
[54] ADHESIVE HANG TAB  
[54] ATTACHE DE SUSPENSION ADHESIVE  
[72] POMERANTZ, CARL, CA  
[71] POMERANTZ, CARL, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,182**  
[13] A1

[51] Int.Cl. 7C07H 17/08 7C07D 413/14  
[25] EN  
[54] AN IMPROVED PROCESS FOR THE PREPARATION OF AZITHROMYCIN MONOHYDRATE  
[54] MÉTHODE AMÉLIORÉE DE PRÉPARATION D'AZITHROMYCINE MONOHYDRATE  
[72] RENGARAJU, SRINIVASAN, IN  
[71] ALEMBIC LIMITED, IN  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,183**  
[13] A1

[51] Int.Cl. 7C08L 23/08 7B65D 33/00  
7C08L 23/06 7B65D 30/08 7C08J 5/18  
7B32B 27/32  
[25] EN  
[54] HETEROGENEOUS/  
HOMOGENEOUS COPOLYMER  
[54] COPOLYMERE HETEROGENE-  
HOMOGENE  
[72] WEBER, MARK, CA  
[72] ELSTON, CLAYTON TREVOR, CA  
[72] MARSHALL, SARAH, CA  
[72] ARNOULD, GILBERT ALEXANDER,  
CA  
[72] KALE, LAWRENCE THOMAS, CA  
[72] AUBEE, NORMAN DORIEN JOSEPH,  
CA  
[72] BROWN, STEPHEN JOHN, CA  
[72] DOBBIN, CHRISTOPHER JOHN  
BROOKE, CA  
[71] NOVA CHEMICALS  
CORPORATION, CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,203**  
[13] A1

[51] Int.Cl. 7G06F 17/30 7G06N 7/02  
[25] EN  
[54] INTELLIGENT DATA  
MANAGEMENT SYSTEM AND  
METHOD  
[54] SYSTEME ET METHODE DE  
GESTION INTELLIGENTE DE  
DONNEES  
[72] ZAHEDI, AFSHAN, CA  
[72] TRAN, HUE, CA  
[72] NAJJARAN, HOMAYOUN, CA  
[72] ZIAEE, SAEED, CA  
[72] MELEK, WILLIAM, CA  
[72] KURIAN, JOSEPH, CA  
[71] ALPHAGLOBAL IT INC., CA  
[22] 2002-11-05  
[41] 2004-05-05

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[21] **2,411,256**  
[13] A1

[51] Int.Cl. 7B60K 26/00 7F02D 11/00  
7B62K 11/00 7B62D 55/07 7B63B 35/73  
[25] EN  
[54] ADJUSTABLE EMERGENCY STOP  
SWITCH  
[54] BOUTON D'ARRET D'URGENCE  
REGLABLE  
[72] HIBBERT, KIRK, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,257**  
[13] A1

[51] Int.Cl. 7C12G 3/00 7C12G 3/06  
[25] EN  
[54] PRODUCTION OF ALCOHOLIC  
BEVERAGES  
[54] PREPARATION DE BOISSONS  
ALCOOLISEES  
[72] FRANK, GUIDO, DE  
[72] JOHNSON, PEGGY D., CA  
[71] PREMIUM GLACIER INC., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] **2,411,288**  
[13] A1

[51] Int.Cl. 7B26B 3/00 7B26B 27/00  
7A45F 5/02  
[25] EN  
[54] CUTTING DEVICE  
[54] OUTIL DE COUPE  
[72] FAZIO, MICHAEL C., CA  
[71] FAZIO, MICHAEL C., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] **2,411,296**  
[13] A1

[51] Int.Cl. 7E01H 1/08 7G05D 1/02  
7A47L 9/02  
[25] EN  
[54] VACUUM NOZZLE APPARATUS  
[54] DISPOSITIF A BUSE  
D'ASPIRATEUR  
[72] MUTH, GORDON, CA  
[71] MUTH, GORDON, CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] **2,411,298**  
[13] A1

[51] Int.Cl. 7A47J 37/07  
[25] EN  
[54] INDOOR BARBECUE  
[54] BARBECUE INTERIEUR  
[72] ELWEDINI, A. OMAR, CA  
[71] CANDAPLAN RESOURCES INC., CA  
[22] 2002-11-06  
[41] 2004-05-06

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[21] **2,411,299**  
[13] A1

[51] Int.Cl. 7B62D 55/07 7B60K 11/04  
[25] EN  
[54] SNOWMOBILE TUNNEL AND  
REAR HEAT EXCHANGER  
[54] TUNNEL DE MOTONEIGE ET  
ECHANGEUR DE CHALEUR ARRIERE  
[72] EBERT, RUSS, US  
[72] BERGMAN, RON, US  
[72] FREDRICKSON, KEN, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,302**  
[13] A1

[51] Int.Cl. 7B62D 1/16  
[25] EN  
[54] STEERING POST FOR A  
RECREATIONAL VEHICLE  
[54] COLONNE DE DIRECTION POUR  
VEHICULE RECREATIF  
[72] BERGMAN, RON, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,311**  
[13] A1

[51] Int.Cl. 7B60K 5/00  
[25] EN  
[54] VEHICLE WITH INCLINED  
ENGINE  
[54] VEHICULE A MOTEUR INCLINE  
[72] EIDE, DONN C., US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,313**  
[13] A1

[51] Int.Cl. 7F16H 7/08  
[25] EN  
[54] RUBBER CUSHIONED CHAIN  
TENSIONER  
[54] TENDEUR DE CHAINE  
CAOUTCHOUC  
[72] BERGMAN, RON, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

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[21] **2,411,316**  
[13] A1

[51] Int.Cl. 7F16D 43/02 7B62D 55/07  
[25] EN  
[54] CLUTCH ASSEMBLY  
[54] EMBRAYAGE  
[72] BERGMAN, RON, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,319**  
[13] A1

[51] Int.Cl. 7F02M 35/12 7B62D 55/07  
7F02M 35/10  
[25] EN  
[54] SNOWMOBILE AIR BOX  
ASSEMBLY  
[54] PRISE D'AIR DE MOTONEIGE  
[72] EIDE, DONN C., US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,324**  
[13] A1

[51] Int.Cl. 7B60T 17/00 7B62D 55/07  
[25] EN  
[54] UNITARY DROP CASE AND  
CALIPER HOUSING ASSEMBLY  
[54] BOITIER SURBAISSE AVEC  
ETRIER INCORPORE  
[72] SKIME, ROGER, US  
[72] ABRAHAMSON, BRYCE, US  
[71] ARCTIC CAT INC., US  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,326**  
[13] A1

[51] Int.Cl. 7B24B 1/00 7B24B 55/00  
[25] EN  
[54] CLEANER  
[54] DISPOSITIF DE NETTOYAGE  
[72] MANSON, JOEL D., CA  
[71] MANSON, JOEL D., CA  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,327**  
[13] A1

[51] Int.Cl. 7F16J 15/10  
[25] EN  
[54] SEAL RING FOR ORIFICE PLATE  
[54] JOINT D'ETANCHEITE POUR  
PLAQUE A ORIFICE  
[72] CLARK, DEROLD GARY, CA  
[71] CLARK, DEROLD GARY, CA  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,329**  
[13] A1

[51] Int.Cl. 7E04G 21/14 7E04C 1/00  
7B28D 1/00 7E04G 23/02 7E04B 1/04  
7E04G 21/22  
[25] EN  
[54] A MASONRY STAINING  
COMPOSITION, A METHOD OF  
COATING A MASONRY STRUCTURE  
AND A METHOD OF PRODUCING A  
MASONRY STRUCTURE, A METHOD  
OF PRODUCING A MASONRY UNIT  
[54] COMPOSITION DE COLORATION  
DE MACONNERIE, METHODE DE  
REVETEMENT D'UNE STRUCTURE DE  
MACONNERIE ET METHODE DE  
FABRICATION D'UNE STRUCTURE DE  
MACONNERIE, METHODE DE  
FABRICATION D'UN ELEMENT DE  
MACONNERIE  
[72] WATLING, ANTHONY JOHN, AU  
[71] NAWTINT PTY. LIMITED, AU  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,334**  
[13] A1

[51] Int.Cl. 7F16B 35/00  
[25] EN  
[54] DOWEL BOLT WITH EXPANSION  
CONTROL  
[54] BOULON DE CENTRAGE A  
EXPANSION REGLABLE  
[72] KAUFMANN, HERBERT, AT  
[72] ANSCHUTZ, FRANK, LI  
[72] FORSTER, HUBERT, DE  
[72] DOPPELBAUER, THOMAS, AT  
[72] FUCHS, HELMUT, ES  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2002-11-06  
[41] 2004-05-06

[21] **2,411,338**  
[13] A1

[51] Int.Cl. 7G01N 21/84 7G01N 33/02  
7G01N 21/88  
[25] EN  
[54] METHOD FOR ON-LINE  
MACHINE VISION MEASUREMENT,  
MONITORING AND CONTROL OF  
PRODUCT FEATURES DURING ON-  
LINE MANUFACTURING PROCESSES  
[54] METHODE DE MESURE, DE  
SURVEILLANCE ET DE CONTROLE  
PAR VISION ARTIFICIELLE EN LIGNE  
DES CARACTERISTIQUES DE  
PRODUITS DANS DES PROCEDES DE  
FABRICATION EN LIGNE  
[72] MACGREGOR, JOHN F., CA  
[72] BOURG, WILFORD M., JR., US  
[72] MARTIN, PAUL ALLEN, US  
[72] YU, HONGLU, CA  
[72] HAARSMA, GABE JAN, US  
[72] BRESNAHAN, STEVEN A., US  
[71] McMaster University, CA  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,375**  
[13] A1

[51] Int.Cl. 7C02F 1/00 7B01J 20/10 7B01J  
20/30  
[25] EN  
[54] METHOD AND APPARATUS FOR  
TREATING WATER  
[54] METHODE ET DISPOSITIF DE  
TRAITEMENT DE L'EAU  
[72] MATSUSHITA, ROY, CA  
[71] MATSUSHITA, ROY, CA  
[22] 2002-11-07  
[41] 2004-05-07

[21] **2,411,383**  
[13] A1

[51] Int.Cl. 7C12N 1/12 7A01G 33/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONCENTRATING AN AQUEOUS  
SUSPENSION OF MICROALGAE  
[54] METHODE ET DISPOSITIF DE  
CONCENTRATION DE SUSPENSION  
AQUEUSE DE MICROALGUE  
[72] FOURNIER, REAL, CA  
[71] UNIVERSITE DU QUEBEC A  
RIMOUSKI, CA  
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[41] 2004-05-07

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 [13] A1

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 7F25C 5/04  
 [25] EN  
 [54] ICE AUGER  
 [54] TARIERE A GLACE  
 [72] LU, PANG-CHOU, XX  
 [71] LU, PANG-CHOU, XX  
 [22] 2002-11-06  
 [41] 2004-05-06

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[21] 2,411,393  
 [13] A1

[51] Int.Cl. 7B65B 63/02 7A01G 23/00  
 [25] EN  
 [54] WOOD GATHERING AND  
 COMPACTION VEHICLE  
 [54] VEHICULE DE RAMASSAGE ET  
 DE COMPACTION DE BOIS  
 [72] TARDIF, DANIEL, CA  
 [71] TARDIF, DANIEL, CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,397  
 [13] A1

[51] Int.Cl. 7A61K 39/15  
 [25] EN  
 [54] REOVIRUS FOR THE  
 TREATMENT OF RAL-MEDIATED  
 CELLULAR PROLIFERATIVE  
 DISORDERS  
 [54] REOVIRUS POUR LE  
 TRAITEMENT DE TROUBLES DE LA  
 PROLIFERATION CELLULAIRE  
 INDUITS PAR RAL  
 [72] NORMAN, KARA L., CA  
 [72] LEE, PATRICK W. K., CA  
 [71] ONCOLYTICS BIOTECH, INC., CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,422  
 [13] A1

[51] Int.Cl. 7G09F 13/04  
 [25] EN  
 [54] ILLUMINATED INDICIA  
 [54] INSCRIPTION ECLAIRÉE  
 [72] HOSSEIN, ARVIN, CA  
 [71] HOSSEIN, ARVIN, CA  
 [22] 2002-11-08  
 [41] 2004-05-08

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[21] 2,411,424  
 [13] A1

[51] Int.Cl. 7H04N 5/44 7H04N 7/16  
 7H04N 7/173  
 [25] EN  
 [54] METHOD AND SYSTEM FOR  
 EFFECTIVE SWITCHING BETWEEN  
 SET-TOP BOX SERVICES  
 [54] METHODE ET SYSTEME DE  
 COMMUTATION EFFICACE ENTRE  
 DES SERVICES DE DECODEURS  
 [72] COX, DAVID, CA  
 [71] BELL CANADA, CA  
 [22] 2002-11-08  
 [41] 2004-05-08

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[21] 2,411,443  
 [13] A1

[51] Int.Cl. 7C01B 31/04 7C08F 2/02  
 7C08F 2/04 7C08K 3/04 7C08L 25/06  
 7C08L 33/06 7C08L 33/12 7C09C 1/46  
 [25] EN  
 [54] METHOD TO PRODUCE  
 GRAPHITE/POLYMER COMPOSITES  
 [54] METHODE DE PRODUCTION DE  
 COMPOSITES GRAPHITE-POLYMER  
 [72] CHAOUKI, JAMAL, CA  
 [72] ENNAJIMI, ELMEKKI, CA  
 [72] KASSEH, ABDESLAM, CA  
 [71] FORMMAT TECHNOLOGIES INC.,  
 CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,497  
 [13] A1

[51] Int.Cl. 7A47L 9/00  
 [25] EN  
 [54] DRUM LID FOR MINIMAL LIQUID  
 CARRYOVER IN A VACUUM SYSTEM  
 [54] COUVERCLE DE FUT  
 PERMETTANT L'INTRODUCTION  
 MINIMALE DE LIQUIDE DANS UN  
 SYSTEME D'ASPIRATION  
 [72] VON STACKELBERG, ROLAND JR.,  
 CA  
 [71] VON STACKELBERG, ROLAND JR.,  
 CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,500  
 [13] A1

[51] Int.Cl. 7F16L 3/02  
 [25] EN  
 [54] PARA-SEISMIC SUPPORT FOR  
 PIPES  
 [54] SUPPORT DE TUYAU  
 ABSORBANT LES SECOUSSSES  
 SISMIQUES  
 [72] LUSSIER, SERGE, CA  
 [71] SUPPORTS SCH INC., CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,506  
 [13] A1

[51] Int.Cl. 7H04L 29/02 7H04B 7/005  
 7H04Q 7/36  
 [25] EN  
 [54] PSEUDO-INTERACTIVE INPUT  
 PROCESSING IN WIRELESS  
 ENVIRONMENTS  
 [54] TRAITEMENT D'ENTREE  
 PSEUDO-INTERACTIF DANS DES  
 ENVIRONNEMENTS SANS FIL  
 [72] ROBERTSON, IAN M., CA  
 [72] TAPUSKA, DAVID F., CA  
 [71] RESEARCH IN MOTION LIMITED,  
 CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,547  
 [13] A1

[51] Int.Cl. 7A01M 21/00  
 [25] EN  
 [54] VEGETATION REMOVAL  
 PROCESS  
 [54] PROCEDE PERMETTANT  
 D'ENLEVER LA VEGETATION  
 [72] RAJEWSKI, ROBERT C., CA  
 [71] RAJEWSKI, ROBERT C., CA  
 [22] 2002-11-07  
 [41] 2004-05-07

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[21] 2,411,612  
 [13] A1

[51] Int.Cl. 7G01B 5/20 7G01B 5/08  
 7G01B 3/20  
 [25] EN  
 [54] CIRCUMFERENCE MEASURING  
 DEVICE  
 [54] APPAREIL DE MESURE DES  
 CIRCONFERENCES  
 [72] TSANG, STANLEY KEE KAI, CA  
 [71] TSANG, STANLEY KEE KAI, CA  
 [22] 2002-11-08  
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**2 mai 2004 - 8 mai 2004**

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<p style="text-align: right;">[21] <b>2,411,617</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7H04L 12/16 7G06F 19/00</p> <p>[25] EN</p> <p>[54] SYSTEM, COMPUTER PRODUCT AND METHOD FOR WEB-ENABLED ACCOUNTING</p> <p>[54] SYSTEME, PRODUIT INFORMATIQUE ET METHODE DE COMPTABILITE WEB</p> <p>[72] BOLIVAR, DAVID FRANKLIN, CA</p> <p>[72] WALL, ANDREW MARSHALL, CA</p> <p>[72] HENSHALL, JEROME SAMUEL, CA</p> <p>[72] WALL, GEORGE HENRY, CA</p> <p>[71] CA4IT INC., CA</p> <p>[22] 2002-11-08</p> <p>[41] 2004-05-08</p>
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<p style="text-align: right;">[21] <b>2,411,618</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7E21B 37/10</p> <p>[25] EN</p> <p>[54] SWABBING TOOL FOR WELLS</p> <p>[54] OUTIL DE PISTONNAGE POUR PUITS</p> <p>[72] SUGDEN, DARYL R., CA</p> <p>[71] NABORS INDUSTRIES, INC., US</p> <p>[22] 2002-11-08</p> <p>[41] 2004-05-08</p>
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<p style="text-align: right;">[21] <b>2,411,619</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7D07B 1/16 7E21B 23/00</p> <p>7B21F 1/00 7B21C 37/04 7D07B 1/06</p> <p>7E21B 37/10</p> <p>[25] EN</p> <p>[54] WIRE ROPE SOCKET</p> <p>[54] DOUILLE D'EXTREMITE DE CABLE</p> <p>[72] SUGDEN, DARYL R., CA</p> <p>[71] NABORS INDUSTRIES, INC., US</p> <p>[22] 2002-11-08</p> <p>[41] 2004-05-08</p>
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<p style="text-align: right;">[21] <b>2,411,647</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 7H04L 12/16</p> <p>[25] EN</p> <p>[54] INTERNET-BASED MARKETING AND SALES APPLICATION AND METHOD FOR TARGETED MARKETING OF A PRODUCT AND/OR SERVICE</p> <p>[54] APPLICATION DE COMMERCIALISATION ET DE VENTE SUR INTERNET ET METHODE DE COMMERCIALISATION CIBLEE D'UN PRODUIT ET/OU D'UN SERVICE</p> <p>[72] SNELSON, ROBERT, CA</p> <p>[72] ODESANY, TOKS, CA</p> <p>[72] BEDNARZ, JASON, CA</p> <p>[72] HIGGINS, SEBASTIAN, CA</p> <p>[72] MORRISSEY, DEAN, CA</p> <p>[72] MOSES, BRIAN, CA</p> <p>[71] LOMBARD CANADA LTD., CA</p> <p>[22] 2002-11-07</p> <p>[41] 2004-05-07</p>
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<p style="text-align: right;">[21] <b>2,411,809</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7A47J 31/40</p> <p>[25] EN</p> <p>[54] SYSTEMS USEFUL FOR BEVERAGE MAKING MACHINES</p> <p>[54] SYSTEMES UTILES POUR MACHINES DE FABRICATION DE BOISSONS</p> <p>[72] GAUTHIER, ANDRE, CA</p> <p>[72] BRAZEAU, PATRICK, CA</p> <p>[72] HARNOIS, MARTIN, CA</p> <p>[72] DECLOS, ROBERT, CA</p> <p>[72] GRENIER, PASCAL, CA</p> <p>[72] THERIAULT, ERIC, CA</p> <p>[72] BOURGOUIN, ROGER, CA</p> <p>[72] HACHE, DENIS, CA</p> <p>[72] BOULIANE, REJEAN, CA</p> <p>[72] GRANT, STEPHEN, CA</p> <p>[72] HALLE, PATRICK, CA</p> <p>[72] NORMANDEAU, JOE, CA</p> <p>[71] VKI TECHNOLOGIES, INC., CA</p> <p>[22] 2002-11-08</p> <p>[41] 2004-05-08</p>
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<p style="text-align: right;">[21] <b>2,413,981</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7A61K 38/17 7A61K 31/7088</p> <p>[25] EN</p> <p>[54] METHOD FOR PROVIDING NATURAL THERAPEUTIC AGENTS WITH HIGH THERAPEUTIC INDEX</p> <p>[54] METHODE D'ADMINISTRATION D'AGENTS THERAPEUTIQUES NATURELS A INDEX THERAPEUTIQUE ELEVE</p> <p>[72] ESCARY, JEAN-LOUIS, FR</p> <p>[71] GENODYSSEE, FR</p> <p>[22] 2002-12-11</p> <p>[41] 2004-05-07</p> <p>[30] FR (02292787.5) 2002-11-07</p>
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<p style="text-align: right;">[21] <b>2,415,794</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7E02F 3/20 7B60P 3/10</p> <p>[25] EN</p> <p>[54] LOAD GUIDE SYSTEM FOR PLEASURE CRAFT</p> <p>[54] GUIDE DE MANUTENTION POUR EMBARCATION DE PLAISANCE</p> <p>[72] GODBERSEN, BYRON L., US</p> <p>[71] GODBERSEN, BYRON L., US</p> <p>[22] 2003-01-08</p> <p>[41] 2004-05-08</p> <p>[30] US (10/290,679) 2002-11-08</p>
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<p style="text-align: right;">[21] <b>2,417,019</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7C10L 10/06 7C10L 10/00</p> <p>7F02B 77/04 7C11D 3/20 7C11D 3/37</p> <p>[25] EN</p> <p>[54] METHOD FOR REMOVING ENGINE DEPOSITS IN A RECIPROCATING INTERNAL COMBUSTION ENGINE</p> <p>[54] METHODE D'ELIMINATION DES DEPOTS DANS UN MOTEUR A MOUVEMENT ALTERNATIF A COMBUSTION INTERNE</p> <p>[72] AHMADI, MAJID R., US</p> <p>[72] VAUDRIN, DAMON C., US</p> <p>[71] CHEVRON ORONITE COMPANY LLC, US</p> <p>[22] 2003-01-22</p> <p>[41] 2004-05-06</p> <p>[30] US (10/289,799) 2002-11-06</p>
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**Canadian Laid-Open Applications**  
**May 2, 2004 - May 8, 2004**

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[21] **2,419,162**  
[13] A1

[51] Int.Cl. 7A47L 5/22 7A47L 5/28  
[25] EN  
[54] VACUUM CLEANER  
[54] ASPIRATEUR  
[72] SONG, YOUNG-SO, KR  
[71] CONET INDUSTRIES INC., KR  
[22] 2003-02-18  
[41] 2004-05-06  
[30] KR (2002-0068418) 2002-11-06

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[21] **2,420,395**  
[13] A1

[51] Int.Cl. 7B60J 7/10  
[25] EN  
[54] REMOVABLE HEADER FOR VEHICLE SOFT TOPS  
[54] PARE-SOLEIL AMOVIBLE POUR TOITS DECAPOTABLES DE VEHICULES  
[72] TROEGER, RICK H., US  
[72] ROBERTSON, JAMES A., US  
[72] STEVENS, MICHAEL C., US  
[71] BESTOP, INC., US  
[22] 2003-02-28  
[41] 2004-05-06  
[30] US (60/424,276) 2002-11-06

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[21] **2,420,754**  
[13] A1

[51] Int.Cl. 7A43B 7/08  
[25] EN  
[54] A FLOW REGULATOR ADAPTABLE TO VENTILATING SYSTEMS INSIDE SHOES  
[54] REGULATEUR DE DEBIT ADAPTABLE POUR SYSTEMES DE VENTILATION DANS DES CHAUSSURES  
[72] BUTTIGIEG, CARMEL, MT  
[71] YAMAMOTO LIMITED, MT  
[22] 2003-02-28  
[41] 2004-05-08  
[30] MT (1798) 2002-11-08

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[21] **2,422,641**  
[13] A1

[51] Int.Cl. 7A61M 5/32 7A61M 5/162  
[25] EN  
[54] NEEDLE ASSEMBLY  
[54] PORTE-AIGUILLE  
[72] SWENSON, KIRK D., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2003-03-20  
[41] 2004-05-04  
[30] US (10/287,895) 2002-11-04

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[21] **2,422,992**  
[13] A1

[51] Int.Cl. 7A43B 23/02 7A43B 7/12  
[25] EN  
[54] SHOE VAMP HAVING A PATTERN AND A FORMING MOLD FOR FORMING THE SHOE VAMP  
[54] EMPEIGNE AVEC PATRON ET MOULE DE FORMAGE D'EMPEIGNE  
[72] LU, CHUN MING, XX  
[71] LU, CHUN MING, XX  
[22] 2003-03-19  
[41] 2004-05-05  
[30] US (10/287,517) 2002-11-05

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[21] **2,425,210**  
[13] A1

[51] Int.Cl. 7A47J 36/06 7A47J 37/00  
[25] EN  
[54] FOIL ROASTER TENT  
[54] TUNNEL EN ALU POUR PLATEAU DE FOUR  
[72] SARNOFF, NORTON, US  
[71] HANDI-FOIL CORPORATION, US  
[22] 2003-04-11  
[41] 2004-05-04  
[30] US (10/287,570) 2002-11-04

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[21] **2,427,128**  
[13] A1

[51] Int.Cl. 7A47D 13/02 7A47D 13/00  
[25] EN  
[54] HEIGHT ADJUSTMENT MECHANISM FOR AN INFANT SUPPORT STRUCTURE  
[54] MECANISME DE REGLAGE EN HAUTEUR POUR STRUCTURE DE SUPPORT POUR BEBE  
[72] ASBACH, RONALD M., US  
[71] MATTEL, INC., US  
[22] 2003-04-29  
[41] 2004-05-04  
[30] US (10/286,949) 2002-11-04

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[21] **2,427,170**  
[13] A1

[51] Int.Cl. 7A47D 1/00  
[25] EN  
[54] ADJUSTABLE SUPPORT STRUCTURE AND METHOD OF USING THE SAME  
[54] STRUCTURE SUPPORT REGLABLE ET METHODE D'UTILISATION  
[72] ASBACH, RONALD M., US  
[72] KANE, MICHAEL T., US  
[71] MATTEL, INC., US  
[22] 2003-04-29  
[41] 2004-05-04  
[30] US (10/286,955) 2002-11-04

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[21] **2,427,878**  
[13] A1

[51] Int.Cl. 7B22C 1/16  
[25] EN  
[54] SAND CASTING FOUNDRY COMPOSITION AND METHOD USING SHALE AS AN ANTI-VEINING AGENT  
[54] COMPOSITION ET METHODE DE FONDERIE POUR LE MOULAGE DANS LE SABLE UTILISANT LE SCHISTE COMME AGENT ANTI-GERCES  
[72] BROWN, RICHARD K., US  
[71] BROWN, RICHARD K., US  
[22] 2003-05-05  
[41] 2004-05-08  
[30] US (10/290,750) 2002-11-08

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[21] **2,428,925**  
[13] A1

[51] Int.Cl. 7B29C 65/02 7B29C 44/02  
7A63B 59/14 7B29C 70/44  
[25] EN  
[54] ONE-PIECE SHAFT CONSTRUCTION AND A METHOD OF CONSTRUCTION USING BLADDER MOLDING  
[54] FABRICATION DE BATON MONOPIECE ET METHODE DE FABRICATION FAISANT APPEL AU MOULAGE DE VESSIES  
[72] BLOTTEAUX, RAY, US  
[71] BLOTTEAUX, RAY, US  
[22] 2003-05-20  
[41] 2004-05-05  
[30] US (60/423,822) 2002-11-05

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**Demandes canadiennes mises à la disponibilité du public**  
**2 mai 2004 - 8 mai 2004**

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[21] **2,429,872**  
 [13] A1

[51] Int.Cl. 7F28D 1/02 7B60K 11/04  
 [25] EN  
 [54] HEAT EXCHANGER PACKAGE  
 [54] BLOC D'ECHANGEUR  
**THERMIQUE**  
 [72] KOLB, JOHN A., US  
 [71] TRANSPRO, INC., US  
 [22] 2003-05-27  
 [41] 2004-05-06  
 [30] US (10/289,513) 2002-11-06

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[21] **2,430,663**  
 [13] A1

[51] Int.Cl. 7B44D 3/00 7B65D 25/00  
 [25] EN  
 [54] PAINT MAT  
 [54] TAPIS POUR CONTENANT DE  
**PEINTURE**  
 [72] DIMITRY, THOMAS  
 CHRISTOPHER, US  
 [71] DIMITRY, THOMAS  
 CHRISTOPHER, US  
 [22] 2003-06-02  
 [41] 2004-05-04  
 [30] US (10/287,729) 2002-11-04

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[21] **2,430,819**  
 [13] A1

[51] Int.Cl. 7B63H 20/08 7F16F 9/06  
 [25] EN  
 [54] MARINE GAS CYLINDER  
**APPARATUS**  
 [54] DISPOSITIF A CYLINDRE DE GAZ  
**MARIN**  
 [72] TOYA, MINORU, JP  
 [72] SEKIKAWA, SHINSUKE, JP  
 [72] WATANABE, YOSHIMI, JP  
 [71] SHOWA CORPORATION, JP  
 [22] 2003-06-03  
 [41] 2004-05-06  
 [30] JP (2002-323125) 2002-11-06

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[21] **2,430,820**  
 [13] A1

[51] Int.Cl. 7B63H 20/08 7F16F 9/06  
 [25] EN  
 [54] MARINE GAS CYLINDER  
**APPARATUS**  
 [54] DISPOSITIF A CYLINDRE DE GAZ  
**MARIN**  
 [72] SEKIKAWA, SHINSUKE, JP  
 [71] SHOWA CORPORATION, JP  
 [22] 2003-06-03  
 [41] 2004-05-06  
 [30] JP (2002-323123) 2002-11-06

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[21] **2,431,453**  
 [13] A1

[51] Int.Cl. 7F21V 14/00 7F21S 8/00  
 7F21V 7/04 7F21V 21/14  
 [25] EN  
 [54] METAL HALIDE ACCENT  
**Fixture with adjustable**  
**REFLECTOR/BEAM SPREAD**  
 [54] LUMINAIRE D'ACCENTUATION  
 AUX HALOGENURES A REFLECTEUR/  
 ETALEMENT DU FAISCEAU  
 REGLABLE  
 [72] LEVASSEUR, CRAIG, US  
 [71] COOPER INDUSTRIES, INC., US  
 [22] 2003-06-06  
 [41] 2004-05-06  
 [30] US (10/290,000) 2002-11-06

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[21] **2,432,768**  
 [13] A1

[51] Int.Cl. 7H02J 4/00 7H01H 3/02 7H02J  
 3/18 7H02J 3/20 7H02H 7/26  
 [25] EN  
 [54] DISCONNECT SWITCH FOR  
**SWITCHING CAPACITIVE CURRENTS**  
 [54] SECTIONNEUR POUR COURANTS  
**CAPACITIFS**  
 [72] BRIDGES, RONALD P., US  
 [71] BRIDGES, RONALD P., US  
 [22] 2003-06-18  
 [41] 2004-05-07  
 [30] US (10/289,831) 2002-11-07

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[21] **2,433,987**  
 [13] A1

[51] Int.Cl. 7A47L 11/29 7B08B 1/00  
 [25] EN  
 [54] BRUSH ASSEMBLY  
**DISTRIBUTION APPARATUS**  
 [54] DISTRIBUTEUR A BROSSE  
 [72] RENNECKER, DAVID B., US  
 [72] THEISS, WILLIAM H., JR., US  
 [72] BUXTON, DALE L., US  
 [72] BAUMAN, ROBERT W., US  
 [71] THE HOOVER COMPANY, US  
 [22] 2003-06-27  
 [41] 2004-05-04  
 [30] US (10/287,179) 2002-11-04

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[21] **2,435,031**  
 [13] A1

[51] Int.Cl. 7F01M 11/00  
 [25] EN  
 [54] OIL PAN STRUCTURE FOR FOUR-  
 CYCLE ENGINE  
 [54] STRUCTURE DE CARTER  
**D'HUILE POUR MOTEUR A QUATRE**  
**TEMPS**  
 [72] SEKIMOTO, OSAMU, JP  
 [72] MORII, HIDESHI, JP  
 [71] SUZUKI MOTOR CORPORATION, JP  
 [22] 2003-07-11  
 [41] 2004-05-05  
 [30] JP (2002-321450) 2002-11-05

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[21] **2,435,340**  
 [13] A1

[51] Int.Cl. 7A63B 59/14  
 [25] EN  
 [54] IMPACT LAYER TECHNOLOGY  
**SHAFT**  
 [54] BATON BASE SUR LA  
**TECHNOLOGIE DES COUCHES**  
**ANTICHOCS**  
 [72] BLOTTEAUX, RAY, US  
 [71] BLOTTEAUX, RAY, US  
 [22] 2003-07-17  
 [41] 2004-05-05  
 [30] US (60/423,822) 2002-11-05

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[21] **2,435,595**  
 [13] A1

[51] Int.Cl. 7A47K 3/00 7A47K 3/02  
 7A47K 3/28 7A47K 3/40  
 [25] EN  
 [54] ONE PIECE MOLD FOR A MULTI-  
 PIECE TUB AND SHOWER SURROUND  
 [54] MOULE MONOBLOC POUR  
**POURTOUR DE BAIGNOIRE ET DE**  
**DOUCHE MULTI-Pieces**  
 [72] INGRAM, SCOTT, CA  
 [72] BROWN, CHARLES M., US  
 [72] HILLAM, BRADFORD KENNETH,  
 US  
 [71] AQUA GLASS CORPORATION, US  
 [22] 2003-07-18  
 [41] 2004-05-08  
 [30] US (10/290,982) 2002-11-08

**Canadian Laid-Open Applications**  
**May 2, 2004 - May 8, 2004**

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[21] 2,437,192  
 [13] A1

[51] Int.Cl. 7B27B 5/20  
 [25] EN  
**[54] DUAL COMPOUND MITER SAW**  
**[54] SCIE A ONGLETS COMBINEE**  
**JUMELEE**  
 [72] HILL, JASON E., US  
 [72] SCHOEENE, KEITH R., US  
 [72] TERPSTRA, DANIEL A., US  
 [71] EMERSON ELECTRIC CO., US  
 [22] 2003-08-13  
 [41] 2004-05-08  
 [30] US (60/424,806) 2002-11-08  
 [30] US (10/306,863) 2002-11-27

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[21] 2,440,253  
 [13] A1

[51] Int.Cl. 7A01M 31/00  
 [25] EN  
**[54] HUNTER CONCEALMENT SYSTEM**  
**[54] SYSTEME DE CAMOUFLAGE DE CHASSEUR**  
 [72] COURSEY, BRADLEY W., US  
 [71] COURSEY, BRADLEY W., US  
 [22] 2003-09-09  
 [41] 2004-05-06  
 [30] US (10/290,423) 2002-11-06

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[21] 2,441,081  
 [13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 19/00  
**7G07F 17/34**  
 [25] EN  
**[54] GAMING MACHINE WITH SELECTABLE WAYS TO WIN**  
**[54] APPAREIL DE JEUX DE HASARD PROPOSANT DIVERSES FACONS DE GAGNER**  
 [72] GAUSELMANN, MICHAEL, DE  
 [71] ATRONIC INTERNATIONAL GMBH, DE  
 [22] 2003-09-16  
 [41] 2004-05-08  
 [30] US (10/291,262) 2002-11-08

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[21] 2,441,083  
 [13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 19/00  
**7G07F 17/34**  
 [25] EN  
**[54] VIDEO GAMING MACHINE PLAYING SECONDARY GAME USING DISPLAYED SYMBOLS**  
**[54] MACHINE DE JEU VIDEO OFFRANT UN JEU SECONDAIRE AU MOYEN DE SYMBOLES AFFICHES**  
 [72] GAUSELMANN, MICHAEL, DE  
 [71] ATRONIC INTERNATIONAL GMBH, DE  
 [22] 2003-09-16  
 [41] 2004-05-08  
 [30] US (10/290,632) 2002-11-08

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[21] 2,442,292  
 [13] A1

[51] Int.Cl. 7A47L 15/42  
 [25] EN  
**[54] DISHWASHER**  
**[54] LAVE-VAISSELLE**  
 [72] NAKANO, HIROYUKI, JP  
 [72] KUBOTA, SHIGERU, JP  
 [72] SHINCHI, YOSHIKAZU, JP  
 [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
 [22] 2003-09-24  
 [41] 2004-05-05  
 [30] JP (2002-320948) 2002-11-05

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[21] 2,444,346  
 [13] A1

[51] Int.Cl. 7B60R 9/10 7B60R 9/06  
 [25] EN  
**[54] BICYCLE CARRIER ADAPTED TO BE USED ON A VERTICALLY ORIENTATED VEHICLE ARTICLE CARRIER**  
**[54] PORTE-BICYCLES ADAPTE A L'UTILISATION SUR UN SUPPORT DE VEHICULE ORIENTABLE DANS LE PLAN VERTICAL**  
 [72] MUÑOZ, DONALD L., US  
 [72] BORELLA, BRETT J., US  
 [72] GONZALEZ, CONDE M., US  
 [72] TRAMBLEY, CLAUDE K., US  
 [72] SPOLYAR, DAVID J., US  
 [72] KMITA, GERARD J., US  
 [72] HENDERSON, BRIAN E., US  
 [72] SVENNINGSSON, DAN, SE  
 [71] JAC PRODUCTS, INC., US  
 [22] 2003-10-03  
 [41] 2004-05-04  
 [30] US (10/287,425) 2002-11-04

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[21] 2,442,287  
 [13] A1

[51] Int.Cl. 7A47L 15/42  
 [25] EN  
**[54] DISHWASHER**  
**[54] LAVE-VAISSELLE**  
 [72] SHINCHI, YOSHIKAZU, JP  
 [72] NAKANO, HIROYUKI, JP  
 [72] WATANABE, MICHIO, JP  
 [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
 [22] 2003-09-24  
 [41] 2004-05-05  
 [30] JP (2002-320947) 2002-11-05

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[21] 2,444,701  
 [13] A1

[51] Int.Cl. 7A45C 11/00 7G01B 3/02  
**7A45C 11/24 7A45C 11/38 7G03B 17/56**  
 [25] EN  
**[54] ACCIDENT IDENTITY KIT**  
**[54] TROUSSE D'IDENTITE POUR SECURITE ROUTIERE**  
 [72] MOLDOVAN, EYTAN, US  
 [71] MOLDOVAN, EYTAN, US  
 [22] 2003-10-15  
 [41] 2004-05-04  
 [30] US (10/287,950) 2002-11-04

**Demandes canadiennes mises à la disponibilité du public**  
**2 mai 2004 - 8 mai 2004**

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[21] **2,444,764**  
[13] A1

[51] Int.Cl. 7H05K 7/20 7H05K 5/02  
[25] EN  
[54] METHODS AND SYSTEMS OF HEAT TRANSFER FOR ELECTRONIC ENCLOSURES  
[54] METHODES ET SYSTEMES DE DISSIPATION DE CHALEUR POUR ENCEINTES DE DISPOSITIFS ELECTRONIQUES  
[72] SJODIN, CHAD J., US  
[72] TENNIS, GENE, US  
[72] KUSZ, MATTHEW, US  
[72] HAM, CHARLES G., US  
[72] BARTH, MICHAEL K., US  
[72] PETERSEN, CYLE D., US  
[72] FERRIS, MATTHEW, US  
[71] ADC DSL SYSTEMS, INC., US  
[22] 2003-10-14  
[41] 2004-05-05  
[30] US (10/289,132) 2002-11-05

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[21] **2,444,892**  
[13] A1

[51] Int.Cl. 7F25B 41/00 7F25D 17/00 7F28D 7/06  
[25] EN  
[54] INTEGRATED SUCTION LINE HEAT EXCHANGER AND ACCUMULATOR  
[54] CONDUITES D'ASPIRATION INTEGREGES A UN ECHANGEUR DE CHALEUR DANS UN ACCUMULATEUR  
[72] MEMORY, STEPHEN, US  
[72] DEKEUSTER, RICHARD M., US  
[72] YIN, JIAN-MIN, US  
[71] MODINE MANUFACTURING COMPANY, US  
[22] 2003-10-09  
[41] 2004-05-04  
[30] US (10/287,388) 2002-11-04

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[21] **2,445,012**  
[13] A1

[51] Int.Cl. 7F16K 11/00 7B01D 35/02 7B01F 5/06 7G05D 23/13  
[25] EN  
[54] IN-LINE SCREENS FOR THERMOSTATIC VALVES  
[54] CREPINE POUR ROBINETS THERMOSTATIQUES  
[72] MCNERNEY, GERALD J., US  
[72] MARTY, GARY R., US  
[71] MASCO CORPORATION OF INDIANA, US  
[22] 2003-10-10  
[41] 2004-05-08  
[30] US (10/290,860) 2002-11-08

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[21] **2,445,138**  
[13] A1

[51] Int.Cl. 7F24F 6/04 7F24F 13/20  
[25] EN  
[54] HUMIDIFIER BOTTLE LATCH CARRY HANDLE  
[54] POIGNEE DE VERROUILLAGE POUR TRANSPORT DE BONBONNE D'HUMIDIFICATEUR  
[72] WILLIAMS, MATTHEW, US  
[72] RHEA, STEVEN, US  
[72] GARNER, JOHN, US  
[71] EMERSON ELECTRIC CO., US  
[22] 2003-10-10  
[41] 2004-05-05  
[30] US (10/065,638) 2002-11-05

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[21] **2,445,730**  
[13] A1

[51] Int.Cl. 7G02B 5/28  
[25] EN  
[54] FIBER OPTIC FABRY-PEROT INTERFEROMETER AND ASSOCIATED METHODS  
[54] INTERFEROMETRE DE FABRY-PEROT A FIBRE OPTIQUE ET METHODES CONNEXES  
[72] RUMPF, RAYMOND C., US  
[72] MURSHID, SYED, H., US  
[71] HARRIS CORPORATION, US  
[22] 2003-10-07  
[41] 2004-05-04  
[30] US (10/287,192) 2002-11-04

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[21] **2,446,028**  
[13] A1

[51] Int.Cl. 7B05B 1/16  
[25] EN  
[54] PULL OUT SPRAY HEAD WITH SINGLE-BUTTON MODE SELECTOR  
[54] TETE DE PULVERISATION ESCAMOTABLE AVEC SELECTEUR DE MODE A UN SEUL POUSSOIR  
[72] ROHATGI, GAURAV, US  
[72] MALEK, MICHAEL L., US  
[72] TUCKER, RANDALL W., US  
[72] BATES, PETER, US  
[71] MOEN INCORPORATED, US  
[22] 2003-10-22  
[41] 2004-05-08  
[30] US (10/291,157) 2002-11-08

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[21] **2,446,144**  
[13] A1

[51] Int.Cl. 7G06F 12/14 7G06F 11/30 7H04L 9/32  
[25] EN  
[54] SYSTEM AND METHOD FOR COMPREHENSIVE GENERAL GENERIC PROTECTION FOR COMPUTERS AGAINST MALICIOUS PROGRAMS THAT MAY STEAL INFORMATION AND/OR CAUSE DAMAGES  
[54] SYSTEME ET METHODE DE PROTECTION GENERIQUE GENERALE EXHAUSTIVE DES ORDINATEURS CONTRE DES PROGRAMMES MALICIEUX QUI PEUVENT VOLER DE L'INFORMATION ET/OU CAUSER DES DOMMAGES  
[72] DECHOVICH, ZAK, IL  
[72] MAYER, YARON, IL  
[71] DECHOVICH, ZAK, IL  
[71] MAYER, YARON, IL  
[22] 2003-10-20  
[41] 2004-05-05  
[30] US (60/424635) 2002-11-05  
[30] US (10/301575) 2002-11-22  
[30] CA (2,431,681) 2003-06-19  
[30] US (UNKNOWN) 2003-08-21

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[21] **2,446,173**  
[13] A1

[51] Int.Cl. 7B60J 3/00 7G02B 1/00 7B32B 7/12 7B32B 31/20  
[25] EN  
[54] SUNSHADE PRODUCTION METHOD AND PRODUCTION SYSTEM  
[54] METHODE ET SYSTEME DE PRODUCTION DE PARE-SOLEIL  
[72] MATSUI, MIKIMASA, JP  
[71] CHUBU INDUSTRIES CO., INC., JP  
[22] 2003-10-22  
[41] 2004-05-05  
[30] JP (2002-320786) 2002-11-05

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[21] **2,446,261**  
[13] A1

[51] Int.Cl. 7H04L 12/64 7H04J 14/00 7H04L 12/24  
[25] EN  
[54] HYBRID FINE-COARSE CARRIER SWITCHING  
[54] COMMUTATION DE CANAUX HYBRIDE FINE-GROSSIERE  
[72] BESHAI, MAGED E., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2003-10-22  
[41] 2004-05-08  
[30] US (10/290,314) 2002-11-08

**Canadian Laid-Open Applications**  
**May 2, 2004 - May 8, 2004**

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[21] **2,446,287**  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/40  
[25] EN  
[54] SYSTEM AND METHOD FOR ESTIMATING MULTI-PHASE FLUID RATES IN A SUBTERRANEAN WELL  
[54] SYSTEME ET METHODE D'ESTIMATION DES DEBITS DES LIQUIDES POLYPHASIQUES DANS UN PUITS SOUTERRAIN  
[72] KENDRICK, KERRY L., US  
[72] SHAH, PIYUSH C., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2003-10-23  
[41] 2004-05-04  
[30] US (10/287,744) 2002-11-04

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[21] **2,446,323**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7F02C 7/00  
7F01D 25/00 7G01M 15/00 7G01J 5/02  
7G06N 3/02  
[25] EN  
[54] TURBINE BLADE (BUCKET) HEALTH MONITORING AND PROGNOSIS USING NEURAL NETWORK BASED DIAGNOSTIC TECHNIQUES IN CONJUNCTION WITH PYROMETER SIGNALS  
[54] CONTROLE DE L'ETAT ET PRONOSTIC D'AUBES DE TURBINE (AILETTES) AU MOYEN DE TECHNIQUES DIAGNOSTIQUES BASEES SUR UN RESEAU NEURONAL CONJOINTEMENT A DES SIGNAUX PYROMetriques  
[72] CHOI, SUKHWAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-05-06  
[30] US (10/288,296) 2002-11-06

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[21] **2,446,340**  
[13] A1

[51] Int.Cl. 7H01M 8/10 7H01M 8/04  
7H01M 4/88  
[25] EN  
[54] SYSTEMS AND METHODS FOR SCREENING AND OPTIMIZATION OF SOLID OXIDE FUEL CELL MATERIALS  
[54] SYSTEMES ET METHODES POUR L'EXAMEN ET L'OPTIMISATION DE MATERIAUX POUR PILES A COMBUSTIBLE A OXYDE SOLIDE  
[72] JORDON, TRACEY, US  
[72] LEMMON, JOHN P., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-05-04  
[30] US (10/287,751) 2002-11-04

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[21] **2,446,357**  
[13] A1

[51] Int.Cl. 7E21B 47/18  
[25] EN  
[54] DEVICE FOR PRODUCING OF ELECTRIC ENERGY AND OF SIGNAL TRANSMITTING PRESSURE PULSES  
[54] DISPOSITIF DE PRODUCTION D'ENERGIE ELECTRIQUE ET D'IMPULSIONS DE PRESSION DE TRANSMISSION DE SIGNAUX  
[72] WINNACKER, HELMUT, DE  
[72] DRAEGER, UWE, DE  
[71] PRECISION DRILLING TECHNOLOGY SERVICES GMBH, DE  
[22] 2003-10-23  
[41] 2004-05-04  
[30] DE (102 51 496.8) 2002-11-04

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[21] **2,446,490**  
[13] A1

[51] Int.Cl. 7D21C 9/10  
[25] EN  
[54] METHOD FOR BRIGHTENING VIRGIN MECHANICAL PULP  
[54] METHODE D'AVIVAGE DE LA PATE MECANIQUE VIERGE  
[72] HACHE, MAURICE JOSEPH ALBERT, US  
[72] SIBIET, JEAN LUC, BE  
[72] NAJIM, JOSEPH, US  
[72] KRISHNAN, SUNDAR CHELLAPPAN JAYA, CA  
[71] ROHM AND HAAS COMPANY, US  
[22] 2003-10-24  
[41] 2004-05-05  
[30] US (60/423,887) 2002-11-05

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[21] **2,446,492**  
[13] A1

[51] Int.Cl. 7F16B 13/02 7F16B 17/00  
[25] EN  
[54] RETENTION STRUCTURE FOR A FASTENER  
[54] STRUCTURE DE RETENUE POUR FIXATION  
[72] TRALA, STAN, US  
[72] BRADLEY, BRIAN, US  
[71] INTIER AUTOMOTIVE INC., CA  
[22] 2003-10-24  
[41] 2004-05-05  
[30] US (10/288,017) 2002-11-05

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[21] **2,446,515**  
[13] A1

[51] Int.Cl. 7B64C 25/42  
[25] EN  
[54] GEAR RETRACT BRAKING SYSTEM AND METHOD  
[54] SYSTEME ET METHODE DE FREINAGE DE ROUES A LA RENTREE TRAIN  
[72] NGUYEN, TU-LUC H., US  
[72] MAXWELL, SCOTT D., US  
[72] SUNDQUIST, BETH L., US  
[72] GOWAN, JOHN J., US  
[71] THE BOEING COMPANY, US  
[22] 2003-10-24  
[41] 2004-05-06  
[30] US (10/289,472) 2002-11-06

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[21] **2,446,615**  
[13] A1

[51] Int.Cl. 7A61K 38/39 7A23L 1/29  
7A23L 1/304 7A61K 31/7008 7A61K 31/728 7A61K 31/737  
[25] EN  
[54] NUTRITIONAL COMPOSITION FOR THE TREATMENT OF CONNECTIVE TISSUE  
[54] COMPOSITION NUTRITIONNELLE POUR LE TRAITEMENT DU TISSU CONJONCTIF  
[72] PETITO, GEORGE D., US  
[72] PETITO, ANITA M., US  
[71] PETITO, GEORGE D., US  
[71] PETITO, ANITA M., US  
[22] 2003-10-24  
[41] 2004-05-05  
[30] US (10/287,590) 2002-11-05

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**Demandes canadiennes mises à la disponibilité du public**  
**2 mai 2004 - 8 mai 2004**

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[21] **2,446,846**  
[13] A1

[51] Int.Cl. 7B41F 13/20  
[25] EN  
[54] PRINTING CYLINDER SUPPORT UNIT WITH SUPPORT RING  
[54] PLANCHES D'IMPRESSION AVEC ANNEAU DE SUPPORT  
[72] SCHRAUWERS, CAROLUS JOSEPHUS ANTONIUS MARIA, NL  
[71] STORK PRINTS B.V., NL  
[22] 2003-10-27  
[41] 2004-05-08  
[30] NL (1021874) 2002-11-08

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[21] **2,447,057**  
[13] A1

[51] Int.Cl. 7H01J 49/26  
[25] EN  
[54] MASS SPECTROMETER  
[54] SPECTROMETRE DE MASSE  
[72] WILDGOOSE, JASON LEE, GB  
[72] GILES, KEVIN, GB  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] PRINGLE, STEVE, GB  
[72] HOYES, JOHN BRIAN, GB  
[71] MICROMASS UK LIMITED, GB  
[22] 2003-10-28  
[41] 2004-05-08  
[30] GB (0226017.2) 2002-11-08

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[21] **2,447,203**  
[13] A1

[51] Int.Cl. 7C03C 25/26 7C03C 25/10  
[25] EN  
[54] ANTI-SLIP GLASS FIBRE-REINFORCED PLASTIC-PLATE  
[54] PLAQUE ANTIDERAPANTE EN PLASTIQUE RENFORCE DE FIBRES DE VERRE  
[72] WORM, JOACHIM, DE  
[71] OPTIPLAN KUNSTSTOFFE GMBH, DE  
[22] 2003-10-28  
[41] 2004-05-04  
[30] DE (102 51 292.2) 2002-11-04

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[21] **2,447,339**  
[13] A1

[51] Int.Cl. 7C01B 21/09  
[25] FR  
[54] PROCEDE DE SYNTHESE DE LA MONOCHLORAMINE  
[54] PROCESS FOR THE SYNTHESIS OF MONOCHLORAMINE  
[72] BERTHET, JACQUES, FR  
[72] LE GARS, PIERRE, FR  
[72] DURICHE, CECILE, FR  
[72] DELALU, HENRI, FR  
[71] ISOCHEM, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR  
[22] 2003-10-31  
[41] 2004-05-04  
[30] FR (02 13765) 2002-11-04

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[21] **2,447,342**  
[13] A1

[51] Int.Cl. 7G10K 11/162 7E04F 15/20  
[25] FR  
[54] MATERIAU EN FIBRES MINERALES POUR ABSORBER LE BRUIT D'IMPACT  
[54] MINERAL FIBRE MATERIAL FOR ABSORBING IMPACT NOISE  
[72] NOUSIAINEN, EERIK, FR  
[72] ANDERSSON, LEIF, SE  
[71] SAINT-GOBAIN ISOVER, FR  
[22] 2003-11-03  
[41] 2004-05-07  
[30] FR (02 13919) 2002-11-07

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[21] **2,447,347**  
[13] A1

[51] Int.Cl. 7E04H 4/04  
[25] FR  
[54] SYSTEME POUR REALISER UNE CLOISON DE RETENUE DE LIQUIDE, TELLE UNE CLOISON DE PISCINE, A PARTIR DE PANNEAUX PREFABRIQUES  
[54] SYSTEM FOR CREATING A WALL FOR THE CONTAINMENT OF LIQUID, SUCH AS A SWIMMING POOL WALL, FROM PREFABRICATED PANELS  
[72] MAUPAS, ALAIN, FR  
[71] DIFFUSION EQUIPEMENTS LOISIRS, FR  
[22] 2003-11-04  
[41] 2004-05-08  
[30] FR (0214076) 2002-11-08

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[21] **2,447,404**  
[13] A1

[51] Int.Cl. 7H03H 7/01 7H04B 15/00  
7H03H 1/00 7H04L 12/40  
[25] EN  
[54] METHODS AND APPARATUS FOR FILTERING ELECTROMAGNETIC INTERFERENCE FROM A SIGNAL IN AN INPUT/OUTPUT PORT  
[54] METHODES ET APPAREIL POUR FILTRER LE BROUILLAGE ELECTROMAGNETIQUE D'UN SIGNAL DANS UN PORT D'ENTREE-SORTIE  
[72] RICHARDSON, PATRICK J., US  
[71] MOTOROLA, INC., US  
[22] 2003-10-31  
[41] 2004-05-05  
[30] US (10/288795) 2002-11-05

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[21] **2,447,426**  
[13] A1

[51] Int.Cl. 7B60R 13/01 7B62D 25/20  
[25] EN  
[54] CO-FORMED BED LINER HAVING ENHANCED FRICTIONAL CHARACTERISTICS  
[54] DOUBLURE DE PLATE-FORME CO-FORMEE PRESENTANT DE MEILLEURES CARACTERISTIQUES DE FROTTEMENT  
[72] LABELLE, DONALD J., US  
[72] MONTAGNA, JOHN C., US  
[72] NEHRING, GARY J., US  
[71] DURAKON INDUSTRIES, INC., US  
[22] 2003-10-29  
[41] 2004-05-08  
[30] US (10/290,676) 2002-11-08

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[21] **2,447,464**  
[13] A1

[51] Int.Cl. 7G01M 17/10 7G01J 5/00  
7B61F 15/20  
[25] EN  
[54] APPARATUS AND METHOD FOR DETECTION OF RAILROAD WHEEL AND BEARING TEMPERATURE  
[54] DISPOSITIF ET METHODE DE DETECTION DE LA TEMPERATURE DE ROUES ET DE ROULEMENTS DE MATERIEL DE CHEMIN DE FER  
[72] BARTONEK, MARK, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-30  
[41] 2004-05-08  
[30] US (10/291,332) 2002-11-08

**Canadian Laid-Open Applications**  
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[21] **2,447,491**  
[13] A1

[51] Int.Cl. 7A45F 5/02 7B23B 45/00  
[25] EN  
[54] HOLSTER FOR A HAND DRILL  
[54] ETUI POUR PERCEUSE A MAIN  
[72] LAMMERDING, EUGENE, CA  
[71] LAMMERDING, EUGENE, CA  
[22] 2003-10-29  
[41] 2004-05-07  
[30] US (10/289,208) 2002-11-07

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[21] **2,447,524**  
[13] A1

[51] Int.Cl. 7F21V 33/00 7A47G 33/00  
7F21S 4/00 7A47G 33/04 7F21V 23/06  
[25] EN  
[54] COMBINATION ARTIFICIAL  
TREE-LIGHTING ARRANGEMENT  
[54] MONTAGE COMBINE  
D'ECLAIRAGE EN FORME D'ARBRE  
ARTIFICIEL  
[72] PRIMEAU, SYLVAIN, CA  
[71] PRIMEAU, SYLVAIN, CA  
[22] 2003-11-05  
[41] 2004-05-06  
[30] GB (0225808.5) 2002-11-06

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[21] **2,447,540**  
[13] A1

[51] Int.Cl. 7H01J 49/26 7G01N 27/68  
[25] EN  
[54] MASS SPECTROMETER  
[54] SPECTROMETRE DE MASSE  
[72] WAKI, IZUMI, JP  
[72] YAMADA, MASUYOSHI, JP  
[71] HITACHI LTD., JP  
[22] 2003-10-31  
[41] 2004-05-08  
[30] JP (2002-324684) 2002-11-08

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[21] **2,447,543**  
[13] A1

[51] Int.Cl. 7H04N 7/173 7H04N 7/08  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PROVISIONING CLIENT DEVICES  
CONNECTED TO AN INTERACTIVE  
TV NETWORK  
[54] METHODE ET APPAREIL POUR  
DESSERVIR DES DISPOSITIFS  
CLIENTS CONNECTES A UN RESEAU  
DE TELEVISION INTERACTIVE  
[72] RUSHE, RANDALL G., US  
[72] DONLAN, BRIAN JOSEPH, US  
[71] COMCAST CABLE HOLDINGS, US  
[22] 2003-10-31  
[41] 2004-05-04  
[30] US (10/287,330) 2002-11-04

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[21] **2,447,544**  
[13] A1

[51] Int.Cl. 7H04N 7/173 7H04N 7/08  
[25] EN  
[54] METHOD AND APPARATUS FOR  
REMOVING CLIENT FROM AN  
INTERACTIVE TV NETWORK  
[54] METHODE ET APPAREIL POUR  
ELIMINER UN CLIENT D'UN RESEAU  
DE TELEVISION INTERACTIVE  
[72] DONLAN, BRIAN JOSEPH, US  
[72] RUSHE, RANDALL G., US  
[71] COMCAST CABLE HOLDINGS, US  
[22] 2003-10-31  
[41] 2004-05-04  
[30] US (10/287,097) 2002-11-04

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[21] **2,447,546**  
[13] A1

[51] Int.Cl. 7G03G 15/05 7G03G 21/00  
[25] EN  
[54] SYSTEM ARCHITECTURE FOR  
SCAN LINE NON-LINEARITY  
COMPENSATION IN A ROS SYSTEM  
[54] ARCHITECTURE DE SYSTEME  
POUR COMPENSATION DE NON  
LINEARITE DE LIGNE DE BALAYAGE  
DANS UN SYSTEME ROS

[72] BARETSKY, THOMAS M., US  
[72] RAHNAVARD, MOHAMMAD H., US  
[72] THOMAS, MICHAEL J., US  
[72] NEARY, MICHAEL B., US  
[72] RAUCH, RUSSELL B., US  
[71] XEROX CORPORATION, US  
[22] 2003-10-31  
[41] 2004-05-07  
[30] US (10/291,923) 2002-11-07

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[21] **2,447,568**  
[13] A1

[51] Int.Cl. 7B60R 9/042  
[25] EN  
[54] STORAGE CARRIER ASSEMBLY  
[54] PORTE-BAGAGES  
[72] HENDERSON, JACK V., US  
[71] DECOMA INTERNATIONAL INC.,  
CA  
[22] 2003-10-31  
[41] 2004-05-07  
[30] US (60/424,453) 2002-11-07

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[21] **2,447,729**  
[13] A1

[51] Int.Cl. 7A01B 1/16  
[25] EN  
[54] FOLDABLE STICK ASSEMBLY  
[54] MANCHE REPLIABLE  
[72] KO, KUO-CHI, TW  
[71] KO, KUO-CHI, TW  
[22] 2003-11-03  
[41] 2004-05-08  
[30] US (10/291,924) 2002-11-08

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[21] **2,447,742**  
[13] A1

[51] Int.Cl. 7B25B 33/00 7B25C 3/00  
7B25C 7/00  
[25] EN  
[54] ASSEMBLY CONSISTING OF A  
BOOT AND AN INSERTING DEVICE  
[54] ENSEMBLE COMPOSE D'UN  
CAPUCHON ET D'UN DISPOSITIF  
D'INSERTION  
[72] SIMONIN, JEAN-LUC, FR  
[72] NAYRAC, FREDERIC, FR  
[71] SOCIETE DE PROSPECTION ET  
D'INVENTIONS TECHNIQUES SPIT, FR  
[22] 2003-11-03  
[41] 2004-05-06  
[30] FR (02 13862) 2002-11-06

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[21] **2,447,747**  
[13] A1

[51] Int.Cl. 7E21B 10/08  
[25] EN  
[54] CUTTING ELEMENT HAVING  
ENHANCED CUTTING GEOMETRY  
[54] ELEMENT DE COUPE A  
GEOOMETRIE DE COUPE AMELIOREE  
[72] RICHMAN, LANCE T., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2003-11-03  
[41] 2004-05-04  
[30] US (60/423,561) 2002-11-04  
[30] US (10/636,301) 2003-08-06

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,447,754**  
[13] A1

[51] Int.Cl. 7D07B 1/16 7F16G 9/00 7F16G  
1/04  
[25] EN  
[54] DRIVE-CAPABLE SUPPORT OR  
TRACTION MEANS AND METHOD  
FOR PRODUCTION THEREOF  
[54] MOYEN DE SOUTIEN OU DE  
TRACTION A CAPACITE  
D'ENTRAINEMENT ET METHODE DE  
PRODUCTION  
[72] EICHORN, ROLAND, CH  
[71] INVENTIO AG, CH  
[22] 2003-11-03  
[41] 2004-05-05  
[30] EP (02 405946.1) 2002-11-05

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[21] **2,447,757**  
[13] A1

[51] Int.Cl. 7C08G 77/42 7C08J 5/00  
7C08G 77/04 7H01M 8/10 7C08F 283/12  
7C08J 5/20 7H01M 4/86  
[25] EN  
[54] PROTON CONDUCTION  
MATERIAL AND METHOD OF  
MANUFACTURING THE SAME  
[54] MATIERE CONDUCTRICE DE  
PROTONS ET METHODE POUR LA  
PRODUIRE  
[72] HAMAGUCHI, HIROSHI, JP  
[72] ARAI, TAKUICHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[22] 2003-11-03  
[41] 2004-05-08  
[30] JP (2002-325598) 2002-11-08

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[21] **2,447,839**  
[13] A1

[51] Int.Cl. 7B60R 9/042  
[25] EN  
[54] REAR LOADING ROOF TOP  
TRANSPORTER  
[54] PORTE-BAGAGES DE TOIT A  
CHARGEMENT ARRIERE  
[72] TURNER, CHARLES, US  
[72] HENDERSON, JACK V., US  
[71] DECOMA INTERNATIONAL INC.,  
CA  
[22] 2003-10-31  
[41] 2004-05-07  
[30] US (60/424,553) 2002-11-07

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[21] **2,447,842**  
[13] A1

[51] Int.Cl. 7C09D 5/46 7C09D 127/04  
[25] EN  
[54] METHOD FOR FORMING  
COATING FILM ON PLASTIC  
SUBSTRATE  
[54] METHODE DE FORMATION DE  
PELLETTES DE REVETEMENT SUR  
UN SUPPORT EN MATERIE  
PLASTIQUE  
[72] ONOYAMA, HIROYUKI, JP  
[72] KATAOKA, YASUYUKI, JP  
[72] MATSUNO, YOSHIZUMI, JP  
[72] NAKAHARA, SHUICHI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2003-10-31  
[41] 2004-05-05  
[30] JP (2002-321390) 2002-11-05  
[30] JP (2003-140924) 2003-05-19

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[21] **2,447,932**  
[13] A1

[51] Int.Cl. 7H04L 27/01  
[25] EN  
[54] EQUALIZER FOR A SINGLE-  
CARRIER RECEIVER AND  
EQUALIZATION METHOD  
THEREFOR  
[54] EGALISEUR POUR RECEPTION  
D'UNE SEULE PORTEUSE ET  
METHODE D'EGALISATION  
CONNEXE  
[72] HAN, DONG-SEOG, KR  
[72] OH, HAE-SOCK, KR  
[72] KIM, JAE-HYON, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 2003-11-04  
[41] 2004-05-08  
[30] KR (2002-69008) 2002-11-08

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[21] **2,447,938**  
[13] A1

[51] Int.Cl. 7H01H 73/00 7H01H 73/12  
[25] EN  
[54] CIRCUIT BREAKER WITH  
AUXILIARY SWITCHES AND  
MECHANISMS FOR OPERATING  
SAME  
[54] DISJONCTEUR AVEC  
INTERRUPTEURS ET MECANISMES  
AUXILIAIRES DE COMMANDE  
[72] NERSTROM, PETER LEE, US  
[72] HALL, THOMAS MICHAEL, US  
[72] WELLNER, EDWARD LOUIS, US  
[72] ROLLMANN, PAUL JASON, US  
[72] WALZ, MICHAEL FREDERICK, US  
[72] MCCORMICK, JAMES MICHAEL, US  
[71] EATON CORPORATION, US  
[22] 2003-11-04  
[41] 2004-05-05  
[30] US (10/288,176) 2002-11-05

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[21] **2,447,964**  
[13] A1

[51] Int.Cl. 7G11B 27/02 7G11B 20/00  
[25] EN  
[54] MIXING RECORDER, CONTROL  
METHOD THEREFOR, AND PROGRAM  
FOR IMPLEMENTING THE CONTROL  
METHOD  
[54] ENREGISTREUR MELANGEUR,  
METHODE DE CONTROLE CONNEXE  
ET PROGRAMME DE MISE EN  
OEUVRE DE LA METHODE DE  
CONTROLE  
[72] KASAHERA, YOSHIKI, JP  
[72] OHTANI, RYOHSUKE, JP  
[72] HIRADE, SEIJI, JP  
[71] YAMAHA CORPORATION, JP  
[22] 2003-11-04  
[41] 2004-05-05  
[30] JP (2002-321656) 2002-11-05

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[21] **2,447,967**  
[13] A1

[51] Int.Cl. 7H04N 7/18 7H04N 13/02  
[25] EN  
[54] VIDEO CAMERA MONITORING  
OF ESCALATORS AND MOVING  
WALKS  
[54] SURVEILLANCE PAR CAMERA  
VIDEO D'ESCALIERS ROULANTS ET  
DE TROTTOIRS ROULANTS  
[72] WIESINGER, JOSEF, AT  
[72] BLONDIAU, DIRK, AT  
[71] INVENTIO AG, CH  
[22] 2003-11-04  
[41] 2004-05-06  
[30] EP (02405951.1) 2002-11-06

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[21] **2,447,969**  
[13] A1

[51] Int.Cl. 7B65D 21/08 7B65D 5/355  
[25] EN  
[54] PACKAGING CONTAINER FOR RANDOMLY SHAPED OBJECTS  
[54] CONTENANT D'EMBALLAGE POUR OBJETS DE FORMES ALEATOIRES  
[72] BROOKS, IAN, US  
[72] GOSIS, ANATOLY, US  
[72] LOESCHEN, MICHAEL D., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-11-04  
[41] 2004-05-07  
[30] US (10/289,838) 2002-11-07

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[21] **2,447,974**  
[13] A1

[51] Int.Cl. 7B65D 5/50  
[25] EN  
[54] PACKAGING CONTAINER WITH INTEGRAL RIGIDIZER  
[54] CONTENANT D'EMBALLAGE A RAIDISSEUR INCORPORE  
[72] VELAN, G. MICHAEL, US  
[72] BROOKS, IAN, US  
[72] LOESCHEN, MICHAEL D., US  
[72] GOSIS, ANATOLY, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-11-04  
[41] 2004-05-07  
[30] US (10/289,952) 2002-11-07

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[21] **2,447,979**  
[13] A1

[51] Int.Cl. 7G06F 19/00 7H05B 1/00  
[25] EN  
[54] METHOD AND APPARATUS FOR REPLICATING HEAT PROFILE OF INFRARED OVEN  
[54] DISPOSITIF ET METHODE DE REPRODUCTION DU PROFIL DE CHALEUR D'UN FOUR A INFRAROUGE  
[72] VILLELLA, FRANK S., US  
[72] GANYO, RICHARD A., US  
[72] NELSON, JAMES S., US  
[72] ANDERSON, SCOTT J., US  
[72] SORENSEN, THOMAS M., US  
[72] YACKEL, MATTHEW H., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-11-04  
[41] 2004-05-07  
[30] US (10/289,649) 2002-11-07

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[21] **2,448,001**  
[13] A1

[51] Int.Cl. 7B66B 1/24 7B66B 1/34  
[25] EN  
[54] METHOD OF AND DEVICE FOR CONTROLLING A LIFT INSTALLATION WITH ZONAL CONTROL  
[54] METHODE ET DISPOSITIF DE COMMANDE DE SYSTEME DE LEVAGE A COMMANDE ZONALE  
[72] WYSS, PHILIPP, CH  
[72] KOSTKA, MIROSLAV, CH  
[71] INVENTIO AG, CH  
[22] 2003-11-04  
[41] 2004-05-06  
[30] EP (02405953.7) 2002-11-06

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[21] **2,448,010**  
[13] A1

[51] Int.Cl. 7B60R 7/04 7B60N 2/46  
[25] EN  
[54] LATCH LOCKOUT FOR A VEHICULAR TRIM COMPONENT  
[54] DISPOSITIF DE VERROUILLAGE POUR GARNITURE DE VEHICULE  
[72] GLYNN, JEANETTE G., US  
[72] CHESNEY, JAMES, US  
[72] WALKER, ADAM, US  
[71] INTIER AUTOMOTIVE INC., CA  
[22] 2003-11-03  
[41] 2004-05-05  
[30] US (10/288,016) 2002-11-05

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[21] **2,448,019**  
[13] A1

[51] Int.Cl. 7E04D 1/12  
[25] EN  
[54] PACKAGING OF TABBED COMPOSITE SHINGLES HAVING A BACKER STRIP CONTAINING UNIFORM, IDENTICALLY SPACED, VERTICAL PROJECTIONS ON ITS TOP EDGE  
[54] CONDITIONNEMENT DE BARDEAUX COMPOSITES A ONGLETS POURVUS D'UNE BANDE SUPPORT DONT LE BORD SUPERIEUR CONTIENT DES SAILLIES VERTICALES UNIFORMES EQUIDISTANTES  
[72] RAILKAR, SUDHIR, US  
[72] CHICH, ADEM, US  
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US  
[22] 2003-11-03  
[41] 2004-05-04  
[30] US (10/287,164) 2002-11-04

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[21] **2,448,072**  
[13] A1

[51] Int.Cl. 7B65B 11/02  
[25] EN  
[54] WRAP MACHINE  
[54] ENVELOPPEUSE  
[72] COUSINS, NEIL G., CA  
[72] RADOVANOVIC, BORIS, CA  
[71] COUSINS PACKAGING INC., CA  
[22] 2003-11-04  
[41] 2004-05-04  
[30] US (60/423,514) 2002-11-04

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[21] **2,448,091**  
[13] A1

[51] Int.Cl. 7C22C 38/22 7C22C 38/02  
7C22C 38/04  
[25] EN  
[54] LONG-LIFE HEAT-RESISTING LOW ALLOY STEEL WELDED COMPONENT AND METHOD OF MANUFACTURING THE SAME  
[54] COMPOSANT SOUDE EN ACIER REFRACTAIRE FAIBLEMENT ALLIE LONGUE DUREE ET METHODE DE FABRICATION  
[72] TEZUKA, HIDESHI, JP  
[71] THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, JP  
[22] 2003-11-04  
[41] 2004-05-06  
[30] JP (2002-322969) 2002-11-06  
[30] JP (2003-357568) 2003-10-17

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[21] **2,448,095**  
[13] A1

[51] Int.Cl. 7A23D 7/015 7A23D 7/00  
7A23L 1/307  
[25] EN  
[54] A REDUCED CALORIE FAT  
[54] MATIERE GRASSE A TENEUR REDUITE EN CALORIES  
[72] HUTH, PETER J., US  
[72] FINLEY, JOHN W., US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2003-11-04  
[41] 2004-05-06  
[30] US (10/289,112) 2002-11-06

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**Demandes canadiennes mises à la disponibilité du public**  
**2 mai 2004 - 8 mai 2004**

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[21] **2,448,099**  
[13] A1

[51] Int.Cl. 7B21C 3/02  
[25] EN  
[54] SHEET METAL FORMING DIE ASSEMBLY WITH TEXTURED DIE SURFACES  
[54] MATRICE A FORMER LES TOLES AVEC SURFACES TEXTUREES  
[72] MARTTILA, WILLIAM A., US  
[72] GARNETT, MARK D., US  
[72] YAO, ZHICONG, US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[22] 2003-11-04  
[41] 2004-05-06  
[30] US (10/288,948) 2002-11-06

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[21] **2,448,119**  
[13] A1

[51] Int.Cl. 7C09D 175/04 7C08G 71/04  
7C08G 18/72  
[25] EN  
[54] POLYURETHANE RESIN WITH HIGH CARBONATE GROUP CONTENT  
[54] RESINE DE POLYURETHANE A HAUTE TENEUR EN CARBONATE  
[72] MELCHIORS, MARTIN, DE  
[72] MUENZMAY, THOMAS, DE  
[72] POHL, TORSTEN, DE  
[72] KLIPPERT, UWE, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2003-11-04  
[41] 2004-05-07  
[30] DE (10251797.5) 2002-11-07

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[21] **2,448,121**  
[13] A1

[51] Int.Cl. 7C08L 77/00  
[25] EN  
[54] POLYAMIDE POWDER WITH LONG-LASTING, CONSISTENTLY GOOD FLOWABILITY  
[54] POUDRE DE POLYAMIDE POSSEDEANT UNE APTITUDE A L'ECOULEMENT REGULIERE ET DURABLE  
[72] CHIOVARO, JOHANNES, DE  
[72] SCHIFFER, THOMAS, DE  
[72] MUEGGE, JOACHIM, DE  
[72] MONSHEIMER, SYLVIA, DE  
[72] BAUMANN, FRANZ-ERICH, DE  
[72] GREBE, MAIK, DE  
[72] CHRISTOPH, WOLFGANG, DE  
[72] HEINRICH, DIRK, DE  
[72] SCHOLTEN, HEINZ, DE  
[72] RENNERS, HOLGER, DE  
[71] DEGUSSA AG, DE  
[22] 2003-11-05  
[41] 2004-05-07  
[30] DE (102 51 790.8) 2002-11-07

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[21] **2,448,129**  
[13] A1

[51] Int.Cl. 7B29C 45/20 7B29C 45/00  
7B29C 45/03  
[25] EN  
[54] TIGHT PITCH NOZZLE WITH INDIVIDUAL VALVE GATE CONTROL  
[54] INJECTEUR A COMMANDES DISTINCTES ET ENTRAXES RAPPROCHES  
[72] BABIN, DENIS, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (60/423,585) 2002-11-05

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[21] **2,448,141**  
[13] A1

[51] Int.Cl. 7E04D 1/12 7E04D 1/28  
[25] EN  
[54] LAMINATED SHINGLE WITH WIDER NAILING ZONE  
[54] BARDEAU LAMELLE A BANDE DE CLOUAGE ELARGIE  
[72] DONALDSON, JOHN K., US  
[72] KALKANOGLU, HUSNU M., US  
[72] STAHL, KERMIT E., US  
[71] CERTAIN TEED CORPORATION, US  
[22] 2003-11-05  
[41] 2004-05-06  
[30] US (10/289,441) 2002-11-06

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[21] **2,448,147**  
[13] A1

[51] Int.Cl. 7E01H 4/00 7E01H 4/02  
[25] EN  
[54] A SNOW-TRAIL GROOMING VEHICLE AND METHOD FOR CONTROLLING SAME  
[54] VEHICULE DE DAMAGE DE PISTES ET METHODE DE COMMANDE CONNEXE  
[72] KANZLER, HELMUT, DE  
[71] KAESSBOHRER GELAENDEFahrzeug AG, DE  
[22] 2003-11-04  
[41] 2004-05-08  
[30] DE (10253412.8) 2002-11-08

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[21] **2,448,156**  
[13] A1

[51] Int.Cl. 7B66B 1/18  
[25] EN  
[54] CONTROL DEVICE AND CONTROL METHOD FOR A LIFT INSTALLATION WITH MULTIPLE CAGE  
[54] DISPOSITIF DE COMMANDE ET METHODE DE COMMANDE POUR SYSTEME DE LEVAGE A CABINES MULTIPLES  
[72] KOSTKA, MIROSLAV, CH  
[71] INVENTIO AG, CH  
[22] 2003-11-04  
[41] 2004-05-06  
[30] EP (02405952.9) 2002-11-06

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[21] **2,448,157**  
[13] A1

[51] Int.Cl. 7B25B 27/10 7B25B 27/02  
7F16L 55/18  
[25] EN  
[54] ASSEMBLY TOOL SYSTEM AND FIXTURE  
[54] SYSTEME ET APPAREILLAGE D'OUTIL D'ASSEMBLAGE  
[72] ESSON, ALLAN B., CA  
[72] CSORDAS, FRANCIS J., CA  
[71] TRIPLE-S-TUBING SUPPLY LTD., CA  
[22] 2003-11-04  
[41] 2004-05-04  
[30] US (60/423,499) 2002-11-04  
[30] US (10/700,174) 2003-11-03

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**May 2, 2004 - May 8, 2004**

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[21] 2,448,158  
[13] A1

[51] Int.Cl. 7F16F 9/508 7B62K 25/00  
7B60G 17/08 7B62D 55/112  
[25] EN  
[54] ELECTRONICALLY  
CONTROLLED ACTIVE SUSPENSION  
DAMPER  
[54] AMORTISSEUR DE SUSPENSION  
ACTIF A COMMANDE  
ELECTRONIQUE  
[72] BRASWELL, DOUGLAS K., US  
[71] ARCTIC CAT INC., US  
[22] 2003-11-04  
[41] 2004-05-08  
[30] US (10/290,946) 2002-11-08

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[21] 2,448,167  
[13] A1

[51] Int.Cl. 7H04L 12/56 7H03M 7/30  
[25] EN  
[54] PACKET COMPRESSION SYSTEM,  
PACKET RESTORATION SYSTEM,  
PACKET COMPRESSION METHOD,  
AND PACKET RESTORATION  
METHOD  
[54] SYSTEME DE COMPRESSION DE  
PAQUETS, SYSTEME DE  
RESTAURATION DE PAQUETS,  
METHODE DE COMPRESSION DE  
PAQUETS ET METHODE DE  
RESTAURATION DE PAQUETS  
[72] KOBAYASHI, YOSHIKAZU, JP  
[71] NEC INFRONTIA CORPORATION, JP  
[22] 2003-11-05  
[41] 2004-05-08  
[30] JP (2002-325456) 2002-11-08  
[30] JP (2002-325455) 2002-11-08  
[30] JP (2003-277668) 2003-07-22

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[21] 2,448,184  
[13] A1

[51] Int.Cl. 7C12N 1/12 7C12N 1/02  
7C12M 1/12 7A23K 1/18 7C12Q 1/24  
7A61K 35/66 7A61K 35/80  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONCENTRATING AN AQUEOUS  
SUSPENSION OF MICROALGAE  
[54] METHODE ET APPAREIL  
PERMETTANT DE CONCENTRER UNE  
SUSPENSION AQUEUSE DE  
MICROALGUES  
[72] FOURNIER, REAL, CA  
[71] RIVAL, SOCIETE EN  
COMMANDITE, CA  
[22] 2003-11-05  
[41] 2004-05-07  
[30] CA (2,411,383) 2002-11-07

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[21] 2,448,188  
[13] A1

[51] Int.Cl. 7C12Q 1/56 7C07K 14/745  
[25] EN  
[54] METHOD FOR MANUFACTURING  
A TISSUE FACTOR-BASED  
PROTHROMBIN TIME REAGENT  
[54] METHODE DE PRODUCTION  
D'UN REACTIF POUR TEMPS DE  
PROTHROMBINE A BASE DE  
FACTEUR TISSULAIRE  
[72] JENNY, RICHARD, US  
[72] HALEY, PAUL, US  
[72] EARP, BRIAN, US  
[71] LIFESCAN, INC., US  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (10/288,249) 2002-11-05

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[21] 2,448,307  
[13] A1

[51] Int.Cl. 7F16H 48/24 7B60K 17/16  
[25] EN  
[54] CONCENTRIC SHIFT SYSTEM  
FOR ENGAGING AN INTERAXLE  
DIFFERENTIAL LOCK  
[54] SYSTEME DE SELECTION DE  
VITESSES CONCENTRIQUE POUR LE  
BLOCAGE DU DIFFERENTIEL INTER-  
ESSIEUX  
[72] WAGLE, LAWRENCE P., US  
[72] ZIECH, JAMES, US  
[71] DANA CORPORATION, US  
[22] 2003-11-05  
[41] 2004-05-06  
[30] US (10/288,686) 2002-11-06

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[21] 2,448,310  
[13] A1

[51] Int.Cl. 7A63C 19/10  
[25] EN  
[54] ILLUMINATED SNOWBOARD  
RAILWAY TRACK  
[54] PISTE A RAILS LUMINEUSE POUR  
PLANCHES A NEIGE  
[72] SWARTZ, CRAIG, US  
[71] SWARTZ, CRAIG, US  
[22] 2003-11-05  
[41] 2004-05-06  
[30] US (10/288,918) 2002-11-06

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[21] 2,448,321  
[13] A1

[51] Int.Cl. 7B23K 26/26  
[25] EN  
[54] SINGLE-PASS LASER WELDING  
METHOD OF A T ASSEMBLY OF  
METALLIC PARTS  
[54] METHODE DE SOUDAGE PAR  
LASER A PASSE SIMPLE  
D'ASSEMBLAGES EN T DE PIECES  
METALLIQUES  
[72] ALLOUARD, MICHEL, FR  
[72] FLESCH, THIERRY, FR  
[72] LAUNAIS, HERVE, FR  
[72] MIGNOT, DOMINIQUE, FR  
[71] SNECMA MOTEURS, FR  
[22] 2003-11-03  
[41] 2004-05-07  
[30] FR (02 13914) 2002-11-07

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[21] 2,448,285  
[13] A1

[51] Int.Cl. 7B29C 70/50 7B60R 13/02  
7B29C 63/26 7B29C 70/34  
[25] EN  
[54] PROCESS FOR MANUFACTURING  
A DRESSING FOR INNER LININGS  
[54] PROCEDE DE FABRICATION  
D'HABILLAGES DE REVETEMENTS  
INTERNES  
[72] MIRONES GOMEZ, RAMON, ES  
[72] ARIZNAVARRETA, ANSELMO, ES  
[71] GRUPO ANTOLIN-INGENIERIA,  
S.A., ES  
[22] 2003-11-05  
[41] 2004-05-07  
[30] EP (02380232.5) 2002-11-07

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,448,328**  
[13] A1

[51] Int.Cl. 7G07C 15/00 7G06F 7/58  
[25] EN  
[54] METHOD FOR GENERATING RANDOM NUMBER AND RANDOM NUMBER GENERATOR  
[54] METHODE DE GENERATION DE NOMBRE ALEATOIRE ET GENERATEUR DE NOMBRE ALEATOIRE  
[72] SAITO, YOSHIAKI, JP  
[71] NIIGATA UNIVERSITY, JP  
[22] 2003-11-03  
[41] 2004-05-06  
[30] JP (2002-322,955) 2002-11-06

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[21] **2,448,341**  
[13] A1

[51] Int.Cl. 7C09J 133/04 7C09J 135/02  
[25] EN  
[54] VINYL ESTER ADHESIVE COMPOSITIONS  
[54] COMPOSITIONS ADHESIVES A BASE D'ESTER VINYLIQUE  
[72] CHABUT, BARBARA, FR  
[72] LIU, WEN-FENG, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-11-05  
[41] 2004-05-08  
[30] US (60/425,091) 2002-11-08  
[30] US (10/679,871) 2003-10-06

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[21] **2,448,344**  
[13] A1

[51] Int.Cl. 7C09J 133/04 7C09J 135/02  
7C09J 133/08 7C09J 135/08  
[25] EN  
[54] CURABLE ADHESIVE COMPOSITIONS CONTAINING REACTIVE MULTI-FUNCTIONAL ACRYLATE  
[54] COMPOSITIONS ADHESIVES DURCISSABLES RENFERMANT UN ACRYLATE REACTIF MULTI-FONCTIONNEL  
[72] CHABUT, BARBARA, FR  
[72] LIU, WEN-FENG, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-11-05  
[41] 2004-05-08  
[30] US (60/425,099) 2002-11-08  
[30] US (60/425,091) 2002-11-08  
[30] US (10/679,806) 2003-10-06

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[21] **2,448,353**  
[13] A1

[51] Int.Cl. 7A47L 5/00 7A47L 5/12  
[25] EN  
[54] CONSTRUCTION OF A VACUUM CLEANER  
[54] FABRICATION D'UN ASPIRATEUR  
[72] CONRAD, WAYNE ERNEST, CA  
[71] POLAR LIGHT LIMITED, HK  
[22] 2003-11-05  
[41] 2004-05-06  
[30] US (60/424,018) 2002-11-06

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[21] **2,448,357**  
[13] A1

[51] Int.Cl. 7F16L 11/24  
[25] EN  
[54] HELICALLY-WOUND DUCT  
[54] TUYAU HELICOIDAL  
[72] PHILP, PERRY, CA  
[71] FLEXMASTER CO. LTD., CA  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (10/289,283) 2002-11-07

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[21] **2,448,369**  
[13] A1

[51] Int.Cl. 7F23L 17/02  
[25] EN  
[54] DECORATIVE CAP FOR GAS APPLIANCE VENTS  
[54] CAPUCHON DECORATIF POUR EVENTS D'APPAREIL A GAZ  
[72] HUTA, ROBERT L., US  
[71] HUTA, ROBERT L., US  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (60/423,789) 2002-11-05

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[21] **2,448,371**  
[13] A1

[51] Int.Cl. 7E04D 15/06 7B65H 16/00  
7B65H 37/00  
[25] EN  
[54] SEAM TAPE APPLICATOR  
[54] APPLICATEUR DE RUBAN DE JOINT  
[72] IBRAHIM, SAMIR, US  
[72] BEHNER, KURT, US  
[72] STOFFELS, RICHARD, US  
[72] LANDIS, KENNETH, US  
[71] CARLISLE INTANGIBLE COMPANY, US  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (60/423,824) 2002-11-05

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[21] **2,448,376**  
[13] A1

[51] Int.Cl. 7A61N 1/372 7H01R 9/00  
[25] EN  
[54] ONE PIECE HEADER ASSEMBLY FOR AN IMPLANTABLE MEDICAL DEVICE  
[54] BARRETTE DE CONTACT MONOBLOC POUR DISPOSITIF MEDICAL IMPLANTABLE  
[72] BIGGS, JAMES C., US  
[72] FALTISCO, DAVID A., US  
[72] WARCHOCKI, DAVID D., US  
[72] MCNAMARA, GEORGE, US  
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (60/423,787) 2002-11-05

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[21] **2,448,405**  
[13] A1

[51] Int.Cl. 7E21B 33/12  
[25] EN  
[54] SUBSURFACE ANNULAR SAFETY BARRIER  
[54] BARRIERE DE SURETE ANNULAIRE SOUTERRAINE  
[72] LEISMER, DWAYNE D., US  
[72] KRAWIEC, PETER, US  
[72] HILSMAN, YOUEL GILBERT, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (60/424,417) 2002-11-07

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[21] **2,448,410**  
[13] A1

[51] Int.Cl. 7G02C 7/02 7G02B 1/11  
[25] EN  
[54] ANTI-REFLECTION SPECTACLE LENS AND ITS PRODUCTION METHOD  
[54] VERRE DE LUNETTES ANTIREFLET ET METHODE DE PRODUCTION CONNEXE  
[72] TAKUSHIMA, HIDENORI, JP  
[71] PENTAX CORPORATION, JP  
[22] 2003-11-05  
[41] 2004-05-06  
[30] JP (2002-322506) 2002-11-06

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[21] 2,448,411  
[13] A1

[51] Int.Cl. 7A47L 9/10 7A47L 9/00 7A47L 9/02  
[25] EN  
[54] BAGLESS VACUUM CLEANER WITH REMOVABLE DIRT CUP  
[54] ASPIRATEUR SANS SAC A VIDE-POUSSIÈRE AMOVIBLE  
[72] PULLINS, ALAN T., US  
[72] HITZELBERGER, JOEL E., US  
[72] HAFLING, DANIELLE M., US  
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (60/424,425) 2002-11-07  
[30] US (10/631,231) 2003-07-31

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[21] 2,448,412  
[13] A1

[51] Int.Cl. 7H01M 8/02 7H01M 2/18  
7H01M 8/24  
[25] EN  
[54] FUEL CELL  
[54] PILE A COMBUSTIBLE  
[72] GOTO, SHUHEI, JP  
[72] KOHYAMA, KATSUHIKO, JP  
[72] TAKAHASHI, KEN, JP  
[72] SUZUKI, RYUGO, JP  
[72] SUGITA, NARUTOSHI, JP  
[72] FUJIWARA, SO, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2003-11-06  
[41] 2004-05-07  
[30] JP (2002-323950) 2002-11-07  
[30] JP (2003-350541) 2003-10-09

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[21] 2,448,414  
[13] A1

[51] Int.Cl. 7A47L 9/16 7A47L 9/00 7A47L 9/10  
[25] EN  
[54] DIRT CUP ASSEMBLY WITH ATTACHABLE AND DETACHABLE EXTERNAL FILTER HOLDER  
[54] VIDE-POUSSIÈRE A PORTE-FILTRE EXTERNE AMOVIBLE  
[72] HITZELBERGER, JOEL E., US  
[72] PULLINS, ALAN T., US  
[72] HAFLING, DANIELLE M., US  
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (60/424,425) 2002-11-07  
[30] US (10/631,365) 2003-07-31

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[21] 2,448,416  
[13] A1

[51] Int.Cl. 7C23C 2/00  
[25] EN  
[54] METHOD AND APPARATUS FOR CHANGE-OVER OF THE MOLTEN METAL COATING COMPOSITION IN A STEEL STRIP COATING LINE  
[54] METHODE ET APPAREIL DE MODIFICATION DE LA COMPOSITION D'UN REVETEMENT METALLIQUE FONDU DANS UNE CHAINE D'ENDUCTION DE BANDES D'ACIER  
[72] ACUNA-GAUNA, OSCAR MARIO, MX  
[72] MADERO-GARZA, ADRIAN EUGENIO, MX  
[72] GARZA-DAVILA, JOSE CARLOS, MX  
[71] GALVAK, S.A. DE C.V., MX  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (60/424,529) 2002-11-07

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[21] 2,448,419  
[13] A1

[51] Int.Cl. 7E21B 47/12 7E21B 34/08  
[25] EN  
[54] INSTRUMENTATION FOR A DOWNHOLE DEPLOYMENT VALVE  
[54] INSTRUMENTATION POUR VANNE DE FOND DE PUITS  
[72] GRAYSON, MICHAEL BRIAN, US  
[72] BANSAL, R.K., US  
[72] HOSIE, DAVID G., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2003-11-05  
[41] 2004-05-05  
[30] US (10/288,229) 2002-11-05

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[21] 2,448,423  
[13] A1

[51] Int.Cl. 7H04L 12/54 7H04L 29/02  
[25] EN  
[54] METHOD AND SYSTEM FOR TRACKING RECEIPT OF ELECTRONIC MESSAGE  
[54] METHODE ET SYSTEME DE SUIVI DE RECEPTION DE MESSAGE ELECTRONIQUE  
[72] CAUGHEY, DAVID A., CA  
[71] GOODCONTACTS.COM INC., CA  
[22] 2003-11-06  
[41] 2004-05-06  
[30] US (10/288,596) 2002-11-06

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[21] 2,448,457  
[13] A1

[51] Int.Cl. 7A47L 9/16 7A47L 9/00 7A47L 9/02 7A47L 9/10  
[25] EN  
[54] REMOVABLE DIRT CUP ASSEMBLY WITH EXTERNAL FILTER  
[54] VIDE-POUSSIÈRE AMOVIBLE A FILTRE EXTERNE  
[72] HITZELBERGER, JOEL E., US  
[72] PULLINS, ALAN T., US  
[72] MEDLEY, MARK J., US  
[72] GOGEL, NATHAN A., US  
[72] HAFLING, DANIELLE M., US  
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US  
[22] 2003-11-06  
[41] 2004-05-07  
[30] US (60/424,425) 2002-11-07  
[30] US (10/631,386) 2003-07-31

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[21] 2,448,462  
[13] A1

[51] Int.Cl. 7B64F 1/32 7B65G 67/00  
7B65G 69/28  
[25] EN  
[54] APPARATUS AND METHOD FOR LOADING AND UNLOADING AIRCRAFT CARGO  
[54] DISPOSITIF ET METHODE DE CHARGEMENT ET DE DECHARGEMENT DE CARGAISON D'AERONEF  
[72] ARIJOKI, SEppo, DE  
[72] HOERNER, FRED, DE  
[72] REYMANN, GOTTFRIED, DE  
[71] TREPEL AIRPORT EQUIPMENT GMBH, DE  
[22] 2003-11-06  
[41] 2004-05-08  
[30] EP (02 024 875.3) 2002-11-08

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[21] 2,448,464  
[13] A1

[51] Int.Cl. 7A47K 1/14 7E03C 1/23  
[25] EN  
[54] SOLENOID ACTIVATED BATHTUB DRAIN CLOSURE  
[54] DISPOSITIF ELECTROMAGNETIQUE DE FERMETURE DE TUYAU D'EVACUATION DE BAIGNOIRE  
[72] BALL, WILLIAM T., US  
[71] WCM INDUSTRIES, INC., US  
[22] 2003-11-06  
[41] 2004-05-08  
[30] US (10/291,085) 2002-11-08

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[21] **2,448,466**  
 [13] A1

[51] Int.Cl. 7A22C 7/00  
 [25] EN  
 [54] ACCESSORY FOR MAKING PATTIES FROM A VACUUM FILLING MACHINE  
 [54] ACCESOIRE DE CONFECTION DE PORTIONS PAR REMPLISSEUSE SOUS VIDE  
 [72] GALLANT, MARTIN, CA  
 [71] GALLANT, MARTIN, CA  
 [22] 2003-11-06  
 [41] 2004-05-08  
 [30] US (60/425,010) 2002-11-08

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[21] **2,448,469**  
 [13] A1

[51] Int.Cl. 7C08L 79/08 7C08L 39/00  
 7C08L 101/16 7C08K 5/34 7C08K 5/3472  
 7C08K 5/3492  
 [25] EN  
 [54] A BIODEGRADABLE PLASTIC COMPOSITION, A MOLDED ARTICLE THEREOF AND A METHOD FOR CONTROLLING BIODEGRADATION RATE USING THE SAME COMPOSITION  
 [54] UNE COMPOSITION DE MATIERE PLASTIQUE BIODEGRADABLE, UN ARTICLE MOULE AVEC CETTE COMPOSITION ET UNE METHODE POUR CONTROLER LA VITESSE DE BIODEGRADATION BASEE SUR CETTE COMPOSITION  
 [72] YAMAZAKI, YOSHIHIRO, JP  
 [72] TAKEUCHI, TSUYOSHI, JP  
 [72] TAKAHASHI, IKUO, JP  
 [72] IIDA, HIROTAKA, JP  
 [72] NAKAMURA, NORIMASA, JP  
 [71] NISSHINBO INDUSTRIES, INC., JP  
 [22] 2003-11-07  
 [41] 2004-05-08  
 [30] JP (2002-325201) 2002-11-08

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[21] **2,448,470**  
 [13] A1

[51] Int.Cl. 7E04D 1/14 7D06N 5/00 7B32B 11/02  
 [25] EN  
 [54] SHINGLE WITH IMPROVED BLOW-OFF RESISTANCE  
 [54] BARDEAU A RESISTANCE CONTRE LE VENT AMELIOREE  
 [72] KALKANOGLU, HUSNU M., US  
 [72] JENKINS, ROBERT L., US  
 [72] KOCH, STEPHEN A., US  
 [71] CERTAIN TEED CORPORATION, US  
 [22] 2003-11-06  
 [41] 2004-05-06  
 [30] US (10/288,747) 2002-11-06

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[21] **2,448,474**  
 [13] A1

[51] Int.Cl. 7B65D 85/804 7B65D 17/00  
 [25] EN  
 [54] SINGLE-SERVING PACKAGE AND DEVICE FOR PRODUCING AN AROMATIC BEVERAGE  
 [54] CONDITIONNEMENT ET DISPOSITIF UNIPORTION PRODUISANT UNE BOISSON AROMATIQUE  
 [72] SACHTLEBEN, ANDREAS, DE  
 [71] MELITTA HAUSHALTSPRODUKTE GMBH & CO. KG, DE  
 [22] 2003-11-07  
 [41] 2004-05-08  
 [30] DE (202 17 411.5) 2002-11-08

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[21] **2,448,475**  
 [13] A1

[51] Int.Cl. 7A41D 19/00 7C08J 5/00  
 7A41D 19/015 7A61L 31/04 7A61L 31/10  
 7A61K 7/48 7A61K 35/48  
 [25] EN  
 [54] FLEXIBLE ELASTOMER ARTICLES AND METHODS OF MANUFACTURING  
 [54] ARTICLES ELASTOMERIQUES FLEXIBLES ET METHODES DE FABRICATION  
 [72] HAMANN, CURTIS P., US  
 [71] SMARTHEALTH, INC., D/B/A SMARTPRACTICE, US  
 [22] 2003-11-07  
 [41] 2004-05-07  
 [30] US (60/425,075) 2002-11-07  
 [30] US (10/373,970) 2003-02-25  
 [30] US (10/373,985) 2003-02-25

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[21] **2,448,481**  
 [13] A1

[51] Int.Cl. 7A61K 35/14 7A61K 38/08  
 7A61K 38/10 7A61K 35/18 7A61K 38/20  
 7A61K 38/21  
 [25] EN  
 [54] A CELL THERAPY METHOD FOR THE TREATMENT OF TUMORS  
 [54] METHODE THERAPEUTIQUE CELLULAIRE POUR LE TRAITEMENT DE TUMEURS  
 [72] PETERSON, PER A., US  
 [72] RICHARDS, JON M., US  
 [72] JACKSON, MICHAEL R., US  
 [72] MORIARTY, ANN M., US  
 [72] LETURCQ, DIDIER J., US  
 [71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
 [22] 2003-11-07  
 [41] 2004-05-07  
 [30] US (10/289,566) 2002-11-07

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[21] **2,448,504**  
 [13] A1

[51] Int.Cl. 7A45D 1/00 7A45D 1/02  
 7A45D 1/06  
 [25] EN  
 [54] MULTI-FUNCTION HAIR STYLING IRON DEVICE  
 [54] FER DE MISE EN PLIS MULTIFONCTION  
 [72] MELTON, SCOTT A., US  
 [72] MCCAMBRIDGE, JAMES E., US  
 [71] WAHL CLIPPER CORPORATION, US  
 [22] 2003-11-06  
 [41] 2004-05-07  
 [30] US (10/289,850) 2002-11-07

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[21] **2,448,507**  
 [13] A1

[51] Int.Cl. 7A45D 20/00 7A45D 20/04  
 [25] EN  
 [54] HAIR DRYER AND ATTACHMENT SYSTEM  
 [54] SECHOIR A CHEVEUX ET ACCESOIRES  
 [72] Langley, Luther D., US  
 [72] MCCAMBRIDGE, JAMES E., US  
 [71] WAHL CLIPPER CORPORATION, US  
 [22] 2003-11-06  
 [41] 2004-05-07  
 [30] US (10/290,897) 2002-11-07

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[21] **2,448,508**  
[13] A1

[51] Int.Cl. 7C08L 71/00 7C08L 77/00  
7C04B 24/32  
[25] EN  
[54] OLIGOMERIC DISPERSANT  
[54] DISPERSANT OLIGOMERE  
[72] LU, RUNHAI, US  
[72] PORSCHE, MICHAEL, US  
[72] DANKO, FRANK, US  
[72] PACKE-WIRTH, RAINER, GE  
[72] PICKETT, JOHN, US  
[72] VICKERS, THOMAS M., JR., US  
[72] BROWER, LYNN E., US  
[72] SHENDY, SAMY M., US  
[71] CONSTRUCTION RESEARCH &  
TECHNOLOGY GMBH, DE  
[22] 2003-11-06  
[41] 2004-05-08  
[30] US (10/291,877) 2002-11-08

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[21] **2,448,592**  
[13] A1

[51] Int.Cl. 7B22F 5/10 7B22F 7/00 7B32B  
15/01 7C22C 1/04 7A61L 27/04 7A61L 27/  
06  
[25] EN  
[54] LASER-PRODUCED POROUS  
SURFACE  
[54] SURFACE POREUSE PRODUITE  
PAR LASER  
[72] SUTCLIFFE, CHRISTOPHER J., GB  
[72] O'NEILL, WILLIAM, GB  
[72] JONES, ERIC, IE  
[71] HOWMEDICA OSTEONICS CORP.,  
US  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (60/424,923) 2002-11-08  
[30] US (60/425,657) 2002-11-12

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[21] **2,448,600**  
[13] A1

[51] Int.Cl. 7E21B 33/04  
[25] EN  
[54] INSULATED CASING AND  
TUBING HANGERS  
[54] DISPOSITIFS DE SUSPENSION  
ISOLES POUR COLONNES DE TUBAGE  
ET TUBES DE PRODUCTION  
[72] HORTON, PAUL JR., US  
[72] DEMNY, ALBERT, US  
[71] SEABOARD INTERNATIONAL, INC.,  
US  
[22] 2003-11-07  
[41] 2004-05-07  
[30] US (10/290,141) 2002-11-07

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[21] **2,448,649**  
[13] A1

[51] Int.Cl. 7A01D 7/00  
[25] EN  
[54] FOLDING RAKE  
[54] RATEAU PLIABLE  
[72] NAM, KI BOK, CA  
[71] NAM, KI BOK, CA  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (10/290,464) 2002-11-08

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[21] **2,448,702**  
[13] A1

[51] Int.Cl. 7C10M 129/02 7C10M 129/04  
7C10M 129/06 7C10M 129/16 7C10M 129/  
26

[25] EN  
[54] FREEZE TOLERANT FRICTION  
CONTROL COMPOSITIONS  
[54] COMPOSITIONS POUR LE  
CONTROLE DE LA FRICTION AYANT  
UNE TOLERANCE AU GEL  
[72] COTTER, JOHN, CA  
[72] EADIE, DONALD T., CA  
[71] KELSAN TECHNOLOGIES CORP.,  
CA  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (10/291,197) 2002-11-08

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[21] **2,448,706**  
[13] A1

[51] Int.Cl. 7B29C 45/20 7B29C 45/03  
[25] EN  
[54] INJECTION NOZZLE WITH  
PLANAR HEATER

[54] BUSE D'INJECTION AVEC  
RECHAUFFEUR PLANAIRES  
[72] OLARU, GEORGE, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2003-11-06  
[41] 2004-05-06  
[30] US (60/424,004) 2002-11-06

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[21] **2,448,712**  
[13] A1

[51] Int.Cl. 7D04H 3/10 7B60R 21/20  
[25] EN  
[54] AIRBAG COVER

[54] COUVERCLE DE SAC  
GONFLABLE  
[72] PLOETZ, KURT, DE  
[71] JOHNS MANVILLE  
INTERNATIONAL, INC., US  
[22] 2003-11-06  
[41] 2004-05-06  
[30] DE (102 52 034.8-26) 2002-11-06

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[21] **2,448,733**  
[13] A1

[51] Int.Cl. 7A47J 37/06  
[25] EN  
[54] CHARCOAL TRAY AND GRATE  
LIFT SYSTEM FOR GAS BARBECUE  
GRILLS  
[54] PLATEAU A CHARBON DE BOIS  
ET LEVE-GRILLE POUR GRILS DE  
BARBECUE AU GAZ  
[72] MITCHELL, DAN, US  
[72] ZAIDSPINER, SAM, US  
[72] JOHNSTON, ROBERT, US  
[72] GAFFORD, ALEX T., US  
[71] W.C. BRADLEY COMPANY, US  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (60/425,102) 2002-11-08

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[21] **2,448,734**  
[13] A1

[51] Int.Cl. 7B01J 23/889 7B01J 37/02  
7B01J 37/03 7B01J 23/72 7B01D 53/94  
[25] EN  
[54] CE/CU/MN-CATALYSTS  
[54] CATALYSEURS A BASE DE CE, DE  
CU ET DE MN  
[72] WANNINGER, KLAUS, DE  
[72] SUSDORF, ALEXANDER, DE  
[72] HUEBNER, PETER, DE  
[72] CHIGAPOV, ALBERT, DE  
[72] HEINZEL, ANGELIKA, DE  
[72] KOY, JUERGEN, DE  
[71] SUED-CHEMIE AG, DE  
[22] 2003-11-07  
[41] 2004-05-08  
[30] DE (102 52 103.4) 2002-11-08

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[21] **2,448,748**  
[13] A1

[51] Int.Cl. 7A47J 43/25  
[25] EN  
[54] ROTARY CHEESE GRATER WITH  
PRESS PLATE SEAL  
[54] RAPE A FROMAGE ROTATIVE A  
PLAQUE DE PRESSION ETANCHE  
[72] PROMMEL, MARK D., US  
[72] LOZEAU, KEVIN R., US  
[71] WKI HOLDING COMPANY, INC., US  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (10/291,258) 2002-11-08

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[21] **2,448,768**  
[13] A1

[51] Int.Cl. 7A61H 39/04 7A61H 1/00  
[25] EN  
[54] MYOFASCIAL REHABILITATION BOARD AND METHOD OF USE  
[54] PLANCHE DE READAPTATION MYOFASCALE ET METHODE D'UTILISATION  
[72] FORS, GREGORY CHARLES, US  
[71] FORS, GREGORY CHARLES, US  
[22] 2003-11-07  
[41] 2004-05-07  
[30] US (10/289,846) 2002-11-07

[21] **2,448,827**  
[13] A1

[51] Int.Cl. 7B65D 33/34 7C09J 9/00  
7B65D 33/25  
[25] FR  
[54] BANDE ADHESIVE TEMOIN D'OUVERTURE  
[54] OPEN INDICATOR ADHESIVE STRIP  
[72] EGGERMONT, PHILIPPE, FR  
[71] S2F FLEXICO, FR  
[22] 2003-11-05  
[41] 2004-05-07  
[30] FR (0213928) 2002-11-07

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[21] **2,448,769**  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C12P 19/34  
[25] EN  
[54] METHOD FOR QUANTIFYING A RATIO BETWEEN AT LEAST TWO NUCLEIC ACID SEQUENCES  
[54] METHODE POUR QUANTIFIER LE RAPPORT ENTRE AU MOINS DEUX SEQUENCES D'ACIDES NUCLEIQUES  
[72] TIMMERMANS, EVELINE CATHERINA ANNA CLASINA, NL  
[72] VAN GEMEN, BOB, NL  
[71] PRIMAGEN HOLDING B.V., NL  
[22] 2003-11-07  
[41] 2004-05-08  
[30] EP (02079673.6) 2002-11-08  
[30] US (60/425,055) 2002-11-08

[21] **2,448,837**  
[13] A1

[51] Int.Cl. 7H04L 7/033 7H04M 11/06  
7H03L 7/08  
[25] FR  
[54] PROCEDE ET MODEM POUR LA SYNCHRONISATION ET LA POURSUITE DE PHASE  
[54] PROCESS AND MODEM FOR PHASE SYNCHRONIZATION AND TRACKING  
[72] EUDES, JACQUES, FR  
[72] DEMEURE, CEDRIC, FR  
[71] THALES, FR  
[22] 2003-11-07  
[41] 2004-05-08  
[30] FR (02 14056) 2002-11-08

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[21] **2,448,772**  
[13] A1

[51] Int.Cl. 7F04D 29/04 7F04D 7/02  
[25] EN  
[54] ATTACHMENT OF BEARING ELEMENTS BY DEFORMATION  
[54] FIXATION D'ELEMENTS DE PALIER PAR DEFORMATION  
[72] GAY, FARRAL D., US  
[72] WILSON, B. LYLE, US  
[72] SHAFER, TERRY W., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2003-11-07  
[41] 2004-05-08  
[30] US (10/290,924) 2002-11-08

[21] **2,455,891**  
[13] A1

[51] Int.Cl. 7A63C 1/32 7C21D 9/20  
7A63C 1/42  
[25] EN  
[54] ICE SKATE BLADE  
[54] LAME DE PATIN  
[72] BOISVERT, MARC, CA  
[71] BOISVERT, MARC, CA  
[22] 2003-12-31  
[41] 2004-05-03

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[21] **2,455,957**  
[13] A1

[51] Int.Cl. 7B61D 3/18 7B61D 17/10  
[25] EN  
[54] COUNTERBALANCED DECK FOR RAILROAD FREIGHT CAR  
[54] PLATE-FORME EQUILIBREE POUR WAGON DE MARCHANDISES  
[72] JARVIS, JAMES J., US  
[71] GUNDERSON, INC., US  
[22] 2004-02-18  
[41] 2004-05-03  
[30] US (10/401153) 2003-03-27

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**May 2, 2004 - May 8, 2004**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

<p><b>[21] 2,439,616</b> [13] A1</p> <p>[51] Int.Cl. 7B60K 31/02 7F02D 17/02 7F02D 25/04 [25] EN [54] SYSTEM FOR BRAKING CONTROL IN A VEHICLE INCLUDING A MULTI-COMBINATION VEHICLE [54] SYSTEME DE COMMANDE DE FREINAGE DE VEHICULES A PLUSIEURS MOTEURS [72] STUMMER, MARK JAMES, AU [71] COOPER, JAMES W., AU [85] 2003-08-28 [86] 2002-11-08 (PCT/AU2002/001514) [87] 2004-05-08 (WO/)</p>	<p><b>[21] 2,444,598</b> [13] A1</p> <p>[51] Int.Cl. 7C07D 487/14 7C07D 487/04 7C07D 495/04 7C07D 471/14 7C07D 498/ 14 7C07D 513/14 7A61K 31/519 [25] EN [54] 9-DEAZAGUANINE DERIVATIVES AS INHIBITORS OF GSK-3 [54] DERIVES DE 9-DEAZAGUANINE UTILISES COMME INHIBITEURS DE LA GSK-3 [72] CAO, JINGRONG, US [72] CHOQUETTE, DEBBIE, US [72] DAVIES, ROBERT, US [72] LAUFFER, DAVID, US [72] METZ, NATALIE, US [72] WANNAMAKER, MARION, US [72] TOMLINSON, RONALD, US [72] PIERCE, ALBERT, US [72] FORSTER, CORNELIA, US [71] VERTEX PHARMACEUTICALS INCORPORATED, US [71] CAO, JINGRONG, US [71] CHOQUETTE, DEBBIE, US [71] DAVIES, ROBERT, US [71] LAUFFER, DAVID, US [71] METZ, NATALIE, US [71] WANNAMAKER, MARION, US [71] TOMLINSON, RONALD, US [71] PIERCE, ALBERT, US [71] FORSTER, CORNELIA, US [85] 2003-10-17 [86] 2002-04-19 (PCT/US2002/010919) [87] 2002-10-17 (WO2002/081973) [30] US (09/827,473) 2001-04-06</p>	<p><b>[21] 2,449,714</b> [13] A1</p> <p>[51] Int.Cl. 7C30B 29/40 7C30B 29/38 [25] EN [54] PROCESS AND APPARATUS FOR OBTAINING BULK MONOCRYSTALLINE GALLIUM-CONTAINING NITRIDE [54] PROCEDE ET DISPOSITIF PERMETTANT D'OBtenir DU NITRURE MONOCRISTALLIN MASSIF CONTENANT DU GALLIUM [72] DWILINSKI, ROBERT TOMASZ, PL [72] GARCZYNSKI, JERZY, PL [72] DORADZINSKI, ROMAN MAREK, PL [72] SIERZPUTOWSKI, LESZEK PIOTR, US [72] KANBARA, YASUO, JP [71] AMMONO SP.ZO.O, PL [71] NICHIAS CORPORATION, JP [85] 2003-12-01 [86] 2002-05-17 (PCT/IB2002/004185) [87] 2002-12-19 (WO2002/101120) [30] PL (P-347918) 2001-06-06 [30] PL (P-350375) 2001-10-26</p>
<p><b>[21] 2,443,024</b> [13] A1</p> <p>[51] Int.Cl. 7F24C 14/00 7F24C 15/20 [25] EN [54] CLIP-MOUNTED CATALYST DEVICE [54] DISPOSITIF CATALYTIQUE MONTE PAR ATTACHE [72] CARROLL, JOSEPH ALLEN, US [72] MITCHELL, ROBERT L., US [71] REALIST TECHNOLOGY, LTD., US [85] 2003-10-03 [86] 2002-04-05 (PCT/US2002/010919) [87] 2002-10-17 (WO2002/081973) [30] US (09/827,473) 2001-04-06</p>	<p><b>[21] 2,446,918</b> [13] A1</p> <p>[51] Int.Cl. 7C07C 337/06 7C07D 285/12 [25] EN [54] PROCESS FOR PRODUCING THIOSEMICARBAZIDES [54] PROCEDE DE PRODUCTION DE THIOSEMICARBAZIDES [72] DE KLERK, COLETTE, ZA [71] DOW AGROSCIENCES LCC, US [85] 2003-10-01 [86] 2002-04-02 (PCT/IB2002/001023) [87] 2002-10-17 (WO2002/081438) [30] ZA (2001/2904) 2001-04-09</p>	<p><b>[21] 2,450,375</b> [13] A1</p> <p>[51] Int.Cl. 7B05B 11/00 [25] EN [54] BELLows PUMP FOR DELIVERY GAS-LIQUID MIXTURES [54] POMPE A SOUFFLET POUR LA DISTRIBUTION DE MELANGE GAZ-LIQUIDE [72] SANTAGIULIANA, STEFANO, IT [71] TAPLAST SPA, IT [85] 2003-12-11 [86] 2002-06-12 (PCT/IB2002/002175) [87] 2002-12-19 (WO2002/100554) [30] EP (01830390.9) 2001-06-13</p>

## PCT Applications Entering the National Phase

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**[21] 2,451,359**  
[13] A1

[51] Int.Cl. 7A61F 2/44  
[25] EN  
[54] ARTIFICIAL INTERVERTEBRAL DISC HAVING A WAVE WASHER FORCE RESTORING ELEMENT  
[54] DISQUE INVERTEBRAL ARTIFICIEL COMPORANT UN ELEMENT DE FORCE DE RAPPEL SOUS LA FORME D'UNE RONDELLE ONDULEE  
[72] RALPH, JAMES D., US  
[72] ERRICO, JOSEPH P., US  
[72] TATAR, STEPHEN, US  
[71] THIRD MILLENIUM ENGINEERING LLC, US  
[85] 2003-12-22  
[86] 2002-06-19 (PCT/US2002/019659)  
[87] 2003-01-30 (WO2003/007780)  
[30] US (09/906,117) 2001-07-16  
[30] US (09/906,118) 2001-07-16

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**[21] 2,451,535**  
[13] A1

[51] Int.Cl. 7H04N 7/18  
[25] EN  
[54] SYSTEM AND METHOD FOR COLLECTING VIDEO DATA  
[54] SYSTEME ET PROCEDE DE COLLECTE DE DONNEES VIDEO  
[72] MANASSEH, FREDRICK MARK, IL  
[72] DOR-ON, MORDEKHAY, IL  
[72] SAFRAN, ISRAEL, IL  
[72] SHABTAI, MORDECHAI, IL  
[71] NICE SYSTEMS LTD., IL  
[85] 2003-12-18  
[86] 2002-06-25 (PCT/IL2002/000508)  
[87] 2003-01-03 (WO2003/001809)  
[30] US (60/300,463) 2001-06-26

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**[21] 2,452,151**  
[13] A1

[51] Int.Cl. 7A61K 31/4355 7A61P 35/00  
[25] EN  
[54] USE OF CYCLOPAMINE IN THE TREATMENT OF BASAL CELL CARCINOMA AND OTHER TUMORS  
[54] UTILISATION DE CYCLOPAMINE DANS LE TRAITEMENT DE CARCINOME BASO-CELLULAIRE ET D'AUTRES TUMEURS  
[72] TAS, SINAN, TR  
[72] AVCI, OKTAY, TR  
[71] TAS, SINAN, TR  
[85] 2003-12-24  
[86] 2001-07-02 (PCT/TR2001/000027)  
[87] 2002-10-10 (WO2002/078703)

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**[21] 2,454,202**  
[13] A1

[51] Int.Cl. 7G01N 21/57  
[25] EN  
[54] GLOSS SENSOR HAVING DIRT BUILDUP COMPENSATION APPARATUS AND METHOD  
[54] CAPTEUR DE BRILLANT COMPORANT UN APPAREIL DE COMPENSATION DE FORMATION DE POUSSIÈRE, ET PROCEDE CORRESPONDANT  
[72] BELOTSERKOVASKY, EDWARD, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-01-16  
[86] 2002-07-16 (PCT/US2002/022625)  
[87] 2003-01-30 (WO2003/008947)  
[30] US (09/906,516) 2001-07-16

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**[21] 2,454,523**  
[13] A1

[51] Int.Cl. 7B03B 9/02 7B03D 1/14 7E04H 4/16 7C02F 1/24  
[25] EN  
[54] DUAL-CELL MECHANICAL FLOTATION SYSTEM WITH INTERMITTENT SKIMMING  
[54] SYSTEME DE FLOTATION MECANIQUE A DOUBLE CELLULE AVEC ECUMAGE INTERMITTENT  
[72] TOLMIE, KENNETH C., US  
[72] CHEN, JAMES C.T., US  
[72] STACY, MELVIN, US  
[71] PETRECO INTERNATIONAL LIMITED, GB  
[85] 2004-02-04  
[86] 2002-11-07 (PCT/US2002/035757)  
[87] 2004-05-07 (WO/)

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**[21] 2,454,845**  
[13] A1

[51] Int.Cl. 7G11C 11/00 7G01B 5/28  
[25] EN  
[54] NANOTUBE FILMS AND ARTICLES  
[54] FILMS ET ARTICLES FORMES DE NANOTUBES  
[72] RUECKES, THOMAS, US  
[72] SEGAL, BRENT M., US  
[71] NANTERO, INC., US  
[85] 2004-01-22  
[86] 2002-07-25 (PCT/US2002/023861)  
[87] 2003-03-20 (WO2003/022733)  
[30] US (09/915,093) 2001-07-25  
[30] US (09/915,095) 2001-07-25  
[30] US (09/915,173) 2001-07-25

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**[21] 2,454,859**  
[13] A1

[51] Int.Cl. 7G03B 21/00 7G09F 3/02  
7G09F 3/03  
[25] EN  
[54] COUNTERFEIT-PROOF METALLIC FOIL  
[54] FEUILLE METALLIQUE INFALSIFIABLE  
[72] SCHARNER, ENGELBERT, AT  
[72] ZUSER, WILHELM, AT  
[72] NEKULA, LAMBERT, AT  
[72] SCHEDL, ADOLF, AT  
[72] KLOSS, HELMUT, AT  
[71] TEICH AKTIENGESELLSCHAFT, AT  
[85] 2004-01-22  
[86] 2003-04-30 (PCT/EP2003/004524)  
[87] 2003-12-18 (WO2003/104890)  
[30] AT (A 866/2002) 2002-06-06

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**[21] 2,454,868**  
[13] A1

[51] Int.Cl. 7H04L 12/56 7H04L 12/26  
[25] EN  
[54] USER BANDWIDTH MONITOR AND CONTROL MANAGEMENT SYSTEM AND METHOD  
[54] MONITEUR DE LARGEUR DE BANDE DE L'UTILISATEUR ET SYSTEME ET PROCEDE DE GESTION DE COMMANDE  
[72] PURPURA, WILLIAM J., US  
[72] O'BRIEN, KEVIN M., US  
[71] THE BOEING COMPANY, US  
[85] 2004-01-22  
[86] 2002-07-01 (PCT/US2002/020837)  
[87] 2003-03-13 (WO2003/021890)  
[30] US (09/943,839) 2001-08-31

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**[21] 2,454,890**  
[13] A1

[51] Int.Cl. 7G01N 33/00 7G08B 13/18  
7G01N 23/223  
[25] EN  
[54] USE OF ISOTOPES TO PROVIDE INFORMATION TO AN ARTICLE  
[54] UTILISATION D'ISOTOPES POUR OBTENIR DES INFORMATIONS CONCERNANT UN ARTICLE  
[72] STEVENSON, NIGEL R., US  
[72] HEFLINGER, LEE, US  
[72] DAWSON, JOHN M. (DECEASED), US  
[71] THERAGENICS CORPORATION, US  
[85] 2004-01-21  
[86] 2002-08-07 (PCT/US2002/025034)  
[87] 2003-02-20 (WO2003/014700)  
[30] US (60/310,975) 2001-08-08

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[21] 2,454,895  
[13] A1

[51] Int.Cl. 7B05D 5/12  
[25] EN  
[54] METHODS OF NANOTUBE FILMS AND ARTICLES  
[54] FILMS ET ARTICLES DE NANOTUBES ET PROCÉDES ASSOCIES  
[72] RUECKES, THOMAS, US  
[72] SEGAL, BRENT M., US  
[71] NANERO, INC., US  
[85] 2004-01-22  
[86] 2002-07-25 (PCT/US2002/023452)  
[87] 2003-04-03 (WO2003/027003)  
[30] US (09/915,093) 2001-07-25  
[30] US (09/915,095) 2001-07-25  
[30] US (09/915,173) 2001-07-25

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[21] 2,454,899  
[13] A1

[51] Int.Cl. 7G01N 33/566 7A01H 5/00  
7C12N 9/02 7G01N 33/52  
[25] EN  
[54] ENGINEERING OF LIVING CELLS FOR THE EXPRESSION OF HOLO-PHYCOBILIPROTEIN-BASED CONSTRUCTS  
[54] MANIPULATION DE CELLULES VIVANTES EN VUE DE L'EXPRESSION DE GENES HYBRIDES A BASE DE HOLO-PHYCOBILIPROTEINES  
[72] GLAZER, ALEXANDER N., US  
[72] TOOLEY, AARON J., US  
[72] CAI, YUPING, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2004-01-21  
[86] 2002-07-30 (PCT/US2002/024245)  
[87] 2003-02-13 (WO2003/012448)  
[30] US (09/919,486) 2001-07-31

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[21] 2,454,992  
[13] A1

[51] Int.Cl. 7A61K 48/00 7C12N 15/10  
7C12N 15/12 7C12N 15/64 7C12N 15/861  
[25] EN  
[54] ADENOVIRAL VECTOR AND RELATED SYSTEM AND METHODS OF MAKING AND USE  
[54] VECTEUR ADENOVIRAL, SYSTEME CORRESPONDANT ET PROCÉDES DE FABRICATION ET D'UTILISATION  
[72] KOVESDI, IMRE, US  
[71] GENVEC, INC., US  
[85] 2004-01-21  
[86] 2002-09-13 (PCT/US2002/029111)  
[87] 2003-03-20 (WO2003/022311)  
[30] US (60/318,997) 2001-09-13

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[21] 2,455,155  
[13] A1

[51] Int.Cl. 7G01R 29/08  
[25] EN  
[54] OXOPYRROLIDINE COMPOUNDS, PREPARATION OF SAID COMPOUNDS AND THEIR USE IN THE MANUFACTURING OF LEVETIRACETAM AND ANALOGUES  
[54] DETECTEUR DE CHAMP ELECTRONIQUE  
[72] SURTEES, JOHN, BE  
[72] ATES, CELAL, BE  
[72] MARMON, VIOLETA, GB  
[72] CAVOY, EMILE, BE  
[72] BURTEAU, ANNE-CATHERINE, BE  
[71] UCB, S.A., BE  
[85] 2004-02-06  
[86] 2002-08-05 (PCT/EP2002/008717)  
[87] 2003-02-20 (WO2003/014080)  
[30] EP (01119396.8) 2001-08-10

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[21] 2,455,306  
[13] A1

[51] Int.Cl. 7A63F 3/00 7A63F 3/08 7G07F 17/32 7G07F 17/34  
[25] EN  
[54] METHOD OF PLAYING A DUAL WAGERING GAME  
[54] PROCEDE POUR JOUER A UN JEU DE pari DOUBLE  
[72] CANNON, LEE E., US  
[71] IGT, US  
[85] 2004-01-28  
[86] 2002-08-20 (PCT/US2002/026358)  
[87] 2003-03-06 (WO2003/018150)  
[30] US (09/939,001) 2001-08-24

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[21] 2,455,337  
[13] A1

[51] Int.Cl. 7G21C 15/25 7F22D 11/00  
7G21C 15/18  
[25] FR  
[54] PROCEDE ET DISPOSITIF D'ALIMENTATION D'AU MOINS UN GENERATEUR DE VAPEUR D'UN REACTEUR NUCLEAIRE A EAU SOUS PRESSION PENDANT LES PERIODES D'ARRET DU REACTEUR  
[54] METHOD AND DEVICE FOR SUPPLYING PRESSURISED WATER TO A STEAM GENERATOR OF A NUCLEAR REACTOR DURING SHUT-DOWN PERIODS OF THE REACTOR  
[72] DAGARD, PHILIPPE, FR  
[71] FRAMATOME ANP, FR  
[85] 2004-01-21  
[86] 2002-07-11 (PCT/FR2002/002462)  
[87] 2003-02-06 (WO2003/010776)  
[30] FR (01/09872) 2001-07-24

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[21] 2,455,352  
[13] A1

[51] Int.Cl. 7H02M 5/297  
[25] FR  
[54] DISPOSITIF DE CONVERSION D'ENERGIE  
[54] ENERGY CONVERTING DEVICE  
[72] MEYNARD, THIERRY, FR  
[72] LEFEUVRE, ELIE, FR  
[71] INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, FR  
[71] C.I.R.T.E.M., FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 2004-01-22  
[86] 2002-07-16 (PCT/FR2002/002532)  
[87] 2003-02-06 (WO2003/010875)  
[30] FR (01/09944) 2001-07-25

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[21] 2,455,367  
[13] A1

[51] Int.Cl. 7F16J 15/08  
[25] FR  
[54] JOINT DE CULASSE COMPRENANT UN STOPPEUR BORD A BORD  
[54] CYLINDER-HEAD GASKET COMPRISING AN EDGE-TO-EDGE STOP RING  
[72] PEPIN, FREDERIC JEAN-MICHEL, FR  
[71] S.A. MEILLOR, FR  
[85] 2004-01-22  
[86] 2002-07-22 (PCT/FR2002/002617)  
[87] 2003-02-06 (WO2003/010449)  
[30] FR (01/09810) 2001-07-23  
[30] FR (01/09808) 2001-07-23

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[21] 2,455,394  
[13] A1

[51] Int.Cl. 7F16J 15/08 7F16J 15/12  
[25] FR  
[54] JOINT DE CULASSE COMPRENANT UN STOPPEUR BORD A BORD  
[54] CYLINDER-HEAD GASKET COMPRISING AN EDGE-TO-EDGE STOP RING  
[72] KEBAILI, CHRISTIAN, FR  
[71] S.A. MEILLOR, FR  
[85] 2004-01-22  
[86] 2002-07-22 (PCT/FR2002/002619)  
[87] 2003-02-06 (WO2003/010450)  
[30] FR (01/09809) 2001-07-23

## PCT Applications Entering the National Phase

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**[21] 2,455,395**

[13] A1

[51] Int.Cl. 7A61B 5/021 7G06F 3/05  
7G06F 17/14 7G01R 23/16  
[25] FR  
[54] PROCEDES ET EQUIPEMENTS  
DESTINES A L'ANALYSE DE SIGNAUX  
BIOLOGIQUES REPRESENTATIFS  
DES VARIATIONS DE LA PRESSION  
INTRACRANIERE ET DE LA  
PRESSION SANGUINE  
[54] METHODS AND EQUIPMENT FOR  
ANALYSING BIOLOGICAL SIGNALS  
REPRESENTING INTRACRANIAL  
PRESSURE AND BLOOD PRESSURE  
VARIATIONS  
[72] LEMAIRE, JEAN-JACQUES, FR  
[71] UNIVERSITE D'AUVERGNE -  
CLERMONT-FERRAND 1, FR  
[85] 2004-01-22  
[86] 2002-07-23 (PCT/FR2002/002632)  
[87] 2003-02-06 (WO2003/010617)  
[30] FR (01/09807) 2001-07-23

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**[21] 2,455,397**

[13] A1

[51] Int.Cl. 7A61B 5/03 7G06F 17/14  
[25] FR  
[54] PROCEDES ET EQUIPMENTS  
DESTINES A L'ANALYSE DE SIGNAUX  
BIOLOGIQUES REPRESENTATIFS  
DES VARIATIONS DE LA PRESSION  
INTRACRANIERE ET DE LA  
PRESSION SANGUINE  
[54] METHOD AND EQUIPMENT FOR  
ANALYSING BIOLOGICAL SIGNALS  
REPRESENTING INTRACRANIAL AND  
BLOOD PRESSURE FLUCTUATIONS  
[72] LEMAIRE, JEAN-JACQUES, FR  
[71] UNIVERSITE D'AUVERGNE -  
CLERMONT-FERRAND 1, FR  
[85] 2004-01-22  
[86] 2002-07-23 (PCT/FR2002/002633)  
[87] 2003-02-06 (WO2003/009756)  
[30] FR (01/09807) 2001-07-23  
[30] FR (01/14546) 2001-11-09

**[21] 2,455,418**

[13] A1

[51] Int.Cl. 7C07K 14/36 7C07K 16/28  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
THE ANALYSIS OF PROTEINS  
[54] SYSTEMES ET PROCEDES  
D'ANALYSE DE PROTEINES  
[72] BRICHORY, FRANCK, US  
[72] HAGHIGHAT, ASHKAN, US  
[72] YIM, ANNE MARIE, US  
[72] LEONAOUR, FRANCOIS, US  
[72] HANASH, SAMIR, US  
[71] THE REGENTS OF THE  
UNIVERSITY OF MICHIGAN, US  
[85] 2003-11-28  
[86] 2002-05-29 (PCT/US2002/016647)  
[87] 2002-12-19 (WO2002/100892)  
[30] US (60/294,120) 2001-05-29  
[30] US (10/157,053) 2002-05-29

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**[21] 2,455,965**

[13] A1

[51] Int.Cl. 7A61B 17/56  
[25] EN  
[54] SPINAL DISC ANNULUS  
RECONSTRUCTION METHOD AND  
SPINAL DISC ANNULUS STENT  
[54] PROCEDE DE RECONSTRUCTION  
DE L'ANNULUS DU DISQUE  
INTERVERTEBRAL ET STENT  
D'ANNULUS DE DISQUE  
INTERVERTEBRAL  
[72] ADAMS, DANIEL O., US  
[72] BURNS, MATTHEW M., US  
[72] WALES, LAWRENCE W., US  
[72] CAUTHEN, JOSEPH C., III, US  
[72] HEKTNER, THOMAS R., US  
[72] BURMEISTER, PAUL, US  
[72] HOUBURG, RODNEY L., US  
[71] ANULEX TECHNOLOGIES, INC, US  
[85] 2004-01-30  
[86] 2002-04-29 (PCT/US2002/013372)  
[87] 2003-02-13 (WO2003/011155)  
[30] US (60/309,105) 2001-07-31  
[30] US (09/947,078) 2001-09-05  
[30] US (10/075,615) 2002-02-15

**[21] 2,456,011**

[13] A1

[51] Int.Cl. 7B01D 53/04  
[25] EN  
[54] HELIUM RECOVERY  
[54] RECUPERATION D'HELIUM  
[72] JAYNES, SCOT ERIC, US  
[72] NEU, BERNARD THOMAS, US  
[72] EMLEY, MARK THOMAS, US  
[72] SMOLAREK, JAMES, US  
[72] BAKSH, MOHAMED SAFDAR  
ALLIE, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[85] 2004-01-29  
[86] 2002-07-31 (PCT/US2002/024576)  
[87] 2003-02-13 (WO2003/011431)  
[30] US (60/309,091) 2001-07-31

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**[21] 2,456,012**

[13] A1

[51] Int.Cl. 7B29C 70/24 7B29C 70/52  
[25] EN  
[54] METHOD OF INSERTING Z-AXIS  
REINFORCING FIBERS INTO A  
COMPOSITE LAMINATE  
[54] PROCEDE D'INSERTION DE  
FIBRES DE RENFORCEMENT A AXE Z  
DANS UN STRATIFIE COMPOSITE  
[72] JOHNSON, DAVID W., US  
[72] GARRETT, SCOTT A., US  
[72] MOYERS, STEPHEN G., US  
[72] HOOK, JAMES M., US  
[71] EBERT COMPOSITES  
CORPORATION, US  
[85] 2004-01-29  
[86] 2002-08-02 (PCT/US2002/024636)  
[87] 2003-02-13 (WO2003/011576)  
[30] US (09/922,053) 2001-08-02

## Demandes PCT entrant en phase nationale

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[21] **2,456,017**  
[13] A1

[51] Int.Cl. 7B29C 70/24 7B29C 70/52  
[25] EN  
[54] METHOD OF CLINCHING TOP AND BOTTOM ENDS OF Z-AXIS FIBERS INTO THE RESPECTIVE TOP AND BOTTOM SURFACES OF A COMPOSITE LAMINATE  
[54] PROCEDE PERMETTANT DE REPLIER LES EXTREMITES SUPERIEURE ET INFERIEURE DE FIBRES A AXE Z AFIN DE FORMER LES SURFACES SUPERIEURE ET INFERIEURE D'UN STRATIFIE COMPOSITE  
[72] GARRETT, SCOTT A., US  
[72] JOHNSON, DAVID W., US  
[72] MOYERS, STEPHEN G., US  
[72] HOOK, JAMES M., US  
[71] EBERT COMPOSITES CORPORATION, US  
[85] 2004-01-29  
[86] 2002-08-02 (PCT/US2002/024642)  
[87] 2003-02-13 (WO2003/011577)  
[30] US (09/922,053) 2001-08-02  
[30] US (10/059,956) 2001-11-19

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[21] **2,456,019**  
[13] A1

[51] Int.Cl. 7H05K 5/00  
[25] EN  
[54] CLAMPING RECEPTACLE  
[54] LOGEMENT DE BOITIER SERVANT A EFFECTUER UN BLOCAGE  
[72] GUSTINE, GARY, US  
[72] KUSZ, MATTHEW J., US  
[72] HAM, CHARLES G., US  
[72] SAWYER, MICHAEL, US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2004-01-29  
[86] 2002-07-31 (PCT/US2002/024757)  
[87] 2003-02-13 (WO2003/013202)  
[30] US (09/919,006) 2001-07-31

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[21] **2,456,021**  
[13] A1

[51] Int.Cl. 7H05K 7/14  
[25] EN  
[54] CLAMPING CASE  
[54] BOITIER DE CALAGE  
[72] GUSTINE, GARY, US  
[72] HAM, CHARLES G., US  
[72] SAWYER, MICHAEL, US  
[72] KUSZ, MATTHEW J., US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2004-01-29  
[86] 2002-07-31 (PCT/US2002/024828)  
[87] 2003-02-13 (WO2003/013206)  
[30] US (09/918,989) 2001-07-31

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[21] **2,456,023**  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/50  
[25] EN  
[54] DESIGN SOFTWARE; SELF-PIERCING RIVET ANALYSIS (F.E.A.)  
[54] LOGICIEL DE CONCEPTION: ANALYSE DE RIVETS AUTO-PERCEURS (ANALYSE PAR ELEMENTS FINIS)  
[72] DONOVAN, STEVEN P., US  
[71] TEXTRON INC., US  
[85] 2004-01-29  
[86] 2002-08-27 (PCT/US2002/027337)  
[87] 2003-03-13 (WO2003/021518)  
[30] US (09/942,015) 2001-08-29

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[21] **2,456,025**  
[13] A1

[51] Int.Cl. 7A61F 2/02  
[25] EN  
[54] AN IMPLANTABLE AND SEALABLE SYSTEM FOR UNIDIRECTIONAL DELIVERY OF THERAPEUTIC AGENTS TO TARGETED TISSUES  
[54] SYSTEME SCELLABLE ET IMPLANTABLE DESTINE A ADMINISTRER DES AGENTS THERAPEUTIQUES A DES TISSUS DE FACON UNIDIRECTIONNELLE  
[72] DE CARVALHO, RICARDO A.P., US  
[72] SCHMITT, ED, US  
[72] MURPHREE, LINN A., US  
[71] DE CARVALHO, RICARDO A.P., US  
[71] SCHMITT, ED, US  
[71] MURPHREE, LINN A., US  
[85] 2004-01-29  
[86] 2002-08-28 (PCT/US2002/027434)  
[87] 2003-03-13 (WO2003/020172)  
[30] US (60/315,952) 2001-08-29

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[21] **2,456,027**  
[13] A1

[51] Int.Cl. 7D21H 13/50 7C09K 17/52  
[25] EN  
[54] MATERIAL BASED ON ORGANIC AND/OR INORGANIC FIBRES HAVING GERMICIDAL PROPERTIES AND USES THEREOF  
[54] MATERIAU A BASE DE FIBRES ORGANIQUES ET/OU INORGANIQUES PRESENTANT DES PROPRIETES GERMICIDES ET APPLICATIONS  
[72] DUSSAUD, JOSEPH, FR  
[71] AHLSTROM RESEARCH AND SERVICES, FR  
[71] AHLSTROM CORPORATION, FI  
[85] 2004-01-29  
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[87] 2003-02-13 (WO2003/012198)  
[30] FR (01/10227) 2001-07-31

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[13] A1

[51] Int.Cl. 7H04R 1/00 7H04R 9/00  
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[25] EN  
[54] SOUND REPRODUCING SYSTEM USING SOUND PRESSURE  
[54] SYSTEME DE REPRODUCTION DU SON UTILISANT LA PRESSION SONORE  
[72] YUN, JUNG-HOON, KR  
[71] WINDFORCE CO., LTD., KR  
[85] 2004-01-29  
[86] 2002-07-26 (PCT/KR2002/001421)  
[87] 2003-02-13 (WO2003/013182)  
[30] KR (2001/0046140) 2001-07-31  
[30] KR (2002/0001989 U) 2002-01-22  
[30] KR (2002/0034682) 2002-06-20  
[30] KR (2002/0036169) 2002-06-26  
[30] KR (2002/0038775) 2002-07-04

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7G01N 33/50 7G01N 33/574 7A61K 35/74  
7A61K 35/76  
[25] EN  
[54] MICROORGANISMS AND CELLS FOR DIAGNOSIS AND THERAPY OF TUMORS  
[54] MICRO-ORGANISMES ET CELLULES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEURS  
[72] YU, YONG A., US  
[72] SHABAHANG, SHAHROKH, US  
[72] SZALAY, ALADAR A., DE  
[72] TIMIRYASOVA, TATYANA, US  
[71] GENELUX GMBH, DE  
[85] 2004-01-29  
[86] 2002-07-31 (PCT/IB2002/004767)  
[87] 2003-02-20 (WO2003/014380)  
[30] EP (01118417.3) 2001-07-31  
[30] EP (01125911.6) 2001-10-30

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[13] A1

[51] Int.Cl. 7A23K 1/18 7C01B 19/00  
7A23K 1/16 7A23K 1/175  
[25] EN  
[54] TELLURIUM CONTAINING PRODUCT  
[54] PRODUIT CONTENANT DU TELLURE  
[72] STRASSMAN, GIDEON, US  
[72] ALBECK, MICHAEL, IL  
[72] SREDNI, BENJAMIN, IL  
[72] SHMULEWITZ, ASCHER, IL  
[72] YAHALOM, ELI, IL  
[71] TELLUS BIOTECH LTD., IL  
[85] 2004-01-29  
[86] 2002-07-26 (PCT/IB2002/002982)  
[87] 2003-03-06 (WO2003/017778)  
[30] US (09/918,865) 2001-07-31

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**[21] 2,456,086**  
[13] A1

[51] Int.Cl. 7H04J 3/06  
[25] EN  
[54] TELECOMMUNICATIONS NETWORK  
[54] RESEAU DE TELECOMMUNICATIONS  
[72] TOSCANO, ORAZIO, IT  
[72] LANZONE, SERGIO, IT  
[71] MARCONI COMMUNICATIONS SPA, IT  
[85] 2004-01-29  
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[87] 2003-02-20 (WO2003/015339)  
[30] IT (MI2001A001782) 2001-08-10

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[13] A1

[51] Int.Cl. 7C07D 207/34 7A61P 3/06  
7A61K 31/40  
[25] EN  
[54] AN IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS ATORVASTATIN CALCIUM SALT (2:1)  
[54] PROCEDE AMELIORE DE PREPARATION D'UN SEL D'ATORVASTATINE CALCIQUE AMORPHE (2:1)  
[72] BANSAL, BALDEV RAJ, IN  
[72] SARIN, GURDEEP SINGH, IN  
[72] SURI, SANJAY, IN  
[72] SINGH, JUJHAR, IN  
[71] MOREPEN LABORATORIES LTD., IN  
[85] 2004-01-29  
[86] 2001-08-31 (PCT/IN2001/000152)  
[87] 2003-03-06 (WO2003/018547)

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**[21] 2,456,102**  
[13] A1

[51] Int.Cl. 7B41N 1/24  
[25] EN  
[54] HEAT-SENSITIVE STENCIL PLATE MATERIAL FOR STENCIL MATERIAL, AND STENCIL PRINTING MACHINE  
[54] PLAQUE D'IMPRESSION PAR STENCIL THERMOSENSIBLE, APPAREIL ET PROCEDE POUR LA PRODUIRE ET MACHINE  
D'IMPRESSION PAR STENCIL  
[72] SUGIYAMA, YOSHIHIDE, JP  
[72] OKAGAITO, YASUNARI, JP  
[71] DUPLO SEIKO CORPORATION, JP  
[85] 2004-01-29  
[86] 2002-07-30 (PCT/JP2002/007697)  
[87] 2003-02-20 (WO2003/013874)  
[30] JP (2001-234852) 2001-08-02

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[13] A1

[51] Int.Cl. 7A61N 5/10  
[25] EN  
[54] RADIATION TREATMENT APPARATUS  
[54] APPAREIL DE RADIOTHERAPIE  
[72] HARA, KENJI, JP  
[72] MIHARA, KAZUMASA, JP  
[72] WAKAMOTO, IKUO, JP  
[72] YAMASHITA, ICHIRO, JP  
[72] KAMINO, YUICHIRO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2004-01-28  
[86] 2002-08-23 (PCT/JP2002/008504)  
[87] 2003-03-06 (WO2003/018132)  
[30] JP (2001-254891) 2001-08-24  
[30] JP (2001-254892) 2001-08-24  
[30] JP (2002-22253) 2002-01-30

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[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] METHOD FOR REGISTERING AND SEARCHING USER'S POSITION INFORMATION AND SYSTEM THEREOF  
[54] PROCEDE PERMETTANT D'ENREGISTRER ET DE RECHERCHER DES INFORMATIONS DE POSITION D'UTILISATEUR ET SYSTEME CORRESPONDANT  
[72] LEE, SANG-ZEE, KR  
[72] PARK, DONG-HOON, KR  
[71] GG21 CO., LTD., KR  
[85] 2004-01-28  
[86] 2001-08-13 (PCT/KR2001/001379)  
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[13] A1

[51] Int.Cl. 7H01L 33/00 7H01S 5/00  
7H01L 21/318  
[25] EN  
[54] A METHOD TO GAAS BASED LASERS AND A GAAS BASED LASER  
[54] PROCEDE POUR LASERS A L'ARSENIURE DE GALLIUM (GAAS) ET LASER A L'ARSENIURE DE GALLIUM  
[72] SILFVENIUS, CHRISTOFER, SE  
[72] KRUMMENACHER, LAURENT, SE  
[72] SRINIVASAN, ANAND, SE  
[72] SODERHOLM, SVANTE H., SE  
[72] BLIXT, N. PETER, SE  
[72] CARLSTROM, CARL-FREDRIK, SE  
[72] LINDSTROM, L. KARSTEN V., SE  
[71] COMLASE AB, SE  
[85] 2004-01-29  
[86] 2002-08-09 (PCT/SE2002/001444)  
[87] 2003-02-20 (WO2003/015185)  
[30] US (09/924,448) 2001-08-09

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[13] A1

[51] Int.Cl. 7D21C 9/18 7B01D 33/067  
[25] EN  
[54] SEAL AT PRESS ROLLERS  
[54] JOINTS POUR ROULEAUX PRESSEURS  
[72] HENRIKSSON, TORBJORN, SE  
[72] LUNDBERG, JORGEN, SE  
[71] METSO PAPER, INC., FI  
[85] 2004-01-29  
[86] 2002-08-19 (PCT/SE2002/001472)  
[87] 2003-03-06 (WO2003/018907)  
[30] SE (0102811-7) 2001-08-23

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[13] A1

[51] Int.Cl. 7C07B 55/00 7C07D 453/02  
7C07D 453/04  
[25] EN  
[54] KINETIC RESOLUTIONS OF CHIRAL 2- AND 3-SUBSTITUTED CARBOXYLIC ACIDS  
[54] RESOLUTIONS PAR VOIE CINETIQUE COMPOSES CHIRaux D'ACIDES CARBOXYLIQUES SUBSTITUES EN POSITION 2 ET EN POSITION 3  
[72] HANG, JIANFENG, US  
[72] DENG, LI, US  
[72] TANG, LIANG, US  
[71] BRANDEIS UNIVERSITY, US  
[85] 2004-01-28  
[86] 2002-01-31 (PCT/US2002/002962)  
[87] 2003-02-13 (WO2003/011799)  
[30] US (09/919,371) 2001-07-31  
[30] US (01/23953) 2001-07-31  
[30] US (10/010,752) 2001-11-05

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[13] A1

[51] Int.Cl. 7G06F 15/00  
[25] EN  
[54] SWITCH/NETWORK ADAPTER PORT FOR CLUSTERED COMPUTERS EMPLOYING A CHAIN OF MULTI-ADAPTIVE PROCESSORS IN A DUAL IN-LINE MEMORY MODULE FORMAT  
[54] PORT D'ADAPTATEUR COMMUTATION/RESEAU POUR ORDINATEURS GROUPES UTILISANT UNE CHAINE DE PROCESSEURS MULTIADAPTATIFS DANS UN FORMAT DE MODULE DE MEMOIRE A DOUBLE RANGEE DE CONNEXIONS  
[72] HUPPENTHAL, JON M., US  
[72] BURTON, LEE A., US  
[72] SEEMAN, THOMAS R., US  
[71] SRC COMPUTERS, INC., US  
[85] 2004-01-28  
[86] 2002-05-06 (PCT/US2002/014574)  
[87] 2003-02-27 (WO2003/017118)  
[30] US (09/932,330) 2001-08-17

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[13] A1

[51] Int.Cl. 7H04M 7/00 7H04L 29/12  
[25] EN  
[54] SYSTEM AND METHOD FOR PERFORMING IP TELEPHONY  
[54] SYSTEME ET PROCEDE DE TELEPHONIE IP  
[72] PRESTON, JASON D., US  
[72] FANGMAN, RICHARD E., US  
[71] VOXPATH NETWORKS, INC., US  
[85] 2004-01-28  
[86] 2002-04-03 (PCT/US2002/010544)  
[87] 2002-10-17 (WO2002/082794)  
[30] US (60/281,908) 2001-04-03  
[30] US (09/903,837) 2001-07-11

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[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] METHOD AND SYSTEM FOR CREATING TRAVEL PACKAGES  
[54] PROCEDE ET SYSTEME D'ORGANISATION DE VOYAGES A FORFAIT  
[72] ROBERTS, CHRISTOPHER, US  
[72] FRINK, LLOYD, US  
[72] MATOS, TOMAS A. D., US  
[72] MURCH, STEVE, US  
[72] BOGDANOVIC, MAJA, US  
[72] MONSOWITZ, ERIC, US  
[71] EXPEDIA, INC., US  
[85] 2004-01-28  
[86] 2002-05-28 (PCT/US2002/016717)  
[87] 2003-02-27 (WO2003/017176)  
[30] US (09/932,268) 2001-08-17

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7B41L 13/04 7B41F 17/08 7B41M 1/12  
[25] EN  
[54] APPARATUS AND METHOD FOR  
DIRECT ROTARY PRINTING  
COMPOSITIONS ONTO CYLINDRICAL  
ARTICLES  
[54] DISPOSITIF ET PROCEDE POUR  
IMPRESSION SUR ROTATIVE  
DIRECTE DE COMPOSITIONS SUR  
DES ARTICLES CYLINDRIQUES  
[72] KAMEN, MELVIN, E., US  
[72] SCHULER, JERRY, US  
[72] WELLS, MARVIN, US  
[71] DECO PATENTS, INC., US  
[85] 2004-01-28  
[86] 2002-06-28 (PCT/US2002/020967)  
[87] 2003-01-09 (WO2003/002347)  
[30] US (60/302,057) 2001-06-29  
[30] US (10/183,180) 2002-06-26

[21] 2,456,189

[13] A1

[51] Int.Cl. 7E21B 33/1295 7E21B 34/06  
[25] EN  
[54] DOWNHOLE ACTUATION  
SYSTEM UTILIZING  
ELECTROACTIVE FLUIDS  
[54] SYSTEME D'ACTIONNEMENT DE  
FORAGE DESCENDANT UTILISANT  
DES FLUIDES ELECTROACTIFS  
[72] GOODSON, JAMES E., JR., US  
[72] CARMODY, MICHAEL A., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[85] 2004-01-27  
[86] 2002-07-19 (PCT/US2002/023128)  
[87] 2003-03-06 (WO2003/018955)  
[30] US (09/916,617) 2001-07-27

[21] 2,456,190

[13] A1

[51] Int.Cl. 7F16K 17/16 7F16K 37/00  
[25] EN  
[54] SYSTEM AND METHOD FOR  
MONITORING A PRESSURIZED  
SYSTEM  
[54] SYSTEME ET PROCEDE DE  
SURVEILLANCE D'UN SYSTEME SOUS  
PRESSION  
[72] SMALLWOOD, JOHN E., US  
[72] CLARK, III JOHN P., US  
[72] BRAZIER, GEOF, US  
[71] BS & B SAFETY SYSTEMS, INC., US  
[85] 2004-01-28  
[86] 2002-07-30 (PCT/US2002/023991)  
[87] 2003-02-13 (WO2003/012760)  
[30] US (09/916,687) 2001-07-30

[21] 2,456,198

[13] A1

[51] Int.Cl. 7B01J 19/08 7C01B 3/24  
[25] EN  
[54] ELECTRODE DISCHARGE, NON  
THERMAL PLASMA DEVICE  
(REACTOR) FOR THE PRE-  
TREATMENT OF COMBUSTION AIR  
[54] DISPOSITIF (REACTEUR) A  
PLASMA NON THERMIQUE A  
DECHARGE D'ELECTRODE POUR LE  
PRETRAITEMENT D'AIR DE  
COMBUSTION  
[72] HOUSTON, EDWARD, US  
[72] RICATTO, PASCAL, US  
[72] CROWE, RICHARD, US  
[71] PLASMASOL CORPORATION, US  
[85] 2004-01-28  
[86] 2002-08-02 (PCT/US2002/024476)  
[87] 2003-05-22 (WO2003/041854)  
[30] US (60/309,502) 2001-08-02  
[30] US (60/358,340) 2002-02-19

[21] 2,456,202

[13] A1

[51] Int.Cl. 7C01B 3/24 7C10G 32/02  
7C10G 27/04 7C10G 35/16  
[25] EN  
[54] CHEMICAL PROCESSING USING  
NON-THERMAL DISCHARGE PLASMA  
[54] TRAITEMENT CHIMIQUE A  
L'AIDE D'UN PLASMA DE DECHARGE  
NON THERMIQUE  
[72] RICATTO, PASCAL, US  
[72] HOUSTON, EDWARD, US  
[72] CROWE, RICHARD, US  
[71] PLASMASOL CORPORATION, US  
[85] 2004-01-28  
[86] 2002-08-02 (PCT/US2002/024477)  
[87] 2003-05-15 (WO2003/040027)  
[30] US (60/309,530) 2001-08-02  
[30] US (60/358,340) 2002-02-19

[21] 2,456,204

[13] A1

[51] Int.Cl. 7C12Q 1/68 7C07H 19/00  
7C07H 21/02 7C07H 21/04 7C12M 1/34  
7C12P 19/34  
[25] EN  
[54] METHOD FOR ATTACHING  
NUCLEIC ACID MOLECULES TO  
ELECTRICALLY CONDUCTIVE  
SURFACES  
[54] PROCEDE DE FIXATION DE  
MOLECULES D'ACIDE NUCLEIQUE A  
DES SURFACES ELECTRO-  
CONDUCTRICES  
[72] CONNOLLY, DENNIS M., US  
[72] DEBOER, CHARLES D., US  
[72] CHAFIN, DAVID R., US  
[72] MURANTE, RICHARD S., US  
[71] INTEGRATED NANO-  
TECHNOLOGIES, LLC, US  
[85] 2004-01-28  
[86] 2002-08-07 (PCT/US2002/025229)  
[87] 2003-08-28 (WO2003/070876)  
[30] US (60/310,937) 2001-08-08  
[30] US (10/159,429) 2002-05-30

[21] 2,456,213

[13] A1

[51] Int.Cl. 7H01L 51/20 7G02F 1/15  
7H01L 51/30  
[25] EN  
[54] TRANSPARENT FLAT BODY  
[54] CORPS PLAT TRANSPARENT  
[72] SEDAR, SARICIFTCI, AT  
[72] PADINGER, FRANZ, AT  
[72] GLOTZL, ERHARD, AT  
[72] BRABEC, CHRISTOPH, AT  
[71] QSEL-QUANTUM SOLAR ENERGY  
LINZ FORSCHUNGS- UND  
ENTWICKLUNGS-, GESELLSCHAFT  
M.B.H., AT  
[85] 2004-02-05  
[86] 2002-05-31 (PCT/AT2002/000166)  
[87] 2003-02-20 (WO2003/015189)  
[30] AT (A 1231/2001) 2001-08-07

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7A61P 37/00 7C12N 15/13 7A61K 39/395  
7G01N 33/577 7G01N 33/68  
[25] FR  
[54] ANTICORPS ANTI-IDIOTYPIQUES DE MOLECULES HLA DE CLASSE I ET LEUR UTILISATION POUR LA PREPARATION DE COMPOSITIONS DESTINEES A INHIBER L'ACTIVATION VASCULAIRE  
[54] ANTI-IDIOTYPIC ANTIBODIES OF HLA CLASS I MOLECULES AND THE USE THEREOF IN THE PREPARATION OF COMPOSITIONS THAT ARE DESIGNED TO INHIBIT VASCULAR ACTIVATION  
[72] PLOUET, JEAN, FR  
[72] FONS, PIERRE, FR  
[72] TROMBE, MARC, FR  
[71] ABTECH, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[85] 2004-02-03  
[86] 2002-08-06 (PCT/FR2002/002813)  
[87] 2003-02-20 (WO2003/014163)  
[30] FR (0110553) 2001-08-07

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[13] A1

[51] Int.Cl. 7A61K 39/12  
[25] EN  
[54] ADJUVANT COMPOSITION FOR MUCOSAL AND INJECTION DELIVERED VACCINES  
[54] COMPOSITION D'ADJUVANT POUR VACCINS ADMINISTRES PAR LES MUQUEUSES OU PAR INJECTION  
[72] GERBER, JAY D., US  
[71] ADVANCED BIOADJUVANTS, LLC, US  
[85] 2003-11-24  
[86] 2002-06-11 (PCT/US2002/018158)  
[87] 2002-12-27 (WO2002/102305)  
[30] US (09/884,201) 2001-06-19

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[13] A1

[51] Int.Cl. 7A63C 17/00  
[25] EN  
[54] ALL-TERRAIN BOARD  
[54] PLANCHE TOUT TERRAIN  
[72] PADDOCK, TIMOTHY, GB  
[71] PADDOCK, TIMOTHY, GB  
[85] 2004-03-03  
[86] 2002-08-07 (PCT/GB2002/003640)  
[87] 2003-02-20 (WO2003/013670)  
[30] GB (0119404.2) 2001-08-09

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[13] A1

[51] Int.Cl. 7B65D 6/24  
[25] EN  
[54] COLLAPSIBLE CONTAINER FOR THE TRANSPORT OF AIR CARGO  
[54] CONTENEUR PLIABLE POUR LE TRANSPORT DE FRET AERIEN  
[72] HILDERS, HENDRICUS GERARDUS, NL  
[71] Q-MAT ADVANCED COMPOSITES TECHNOLOGY B.V., NL  
[85] 2004-02-06  
[86] 2002-07-09 (PCT/NL2002/000447)  
[87] 2003-05-01 (WO2003/035492)  
[30] NL (1018731) 2001-08-09

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[13] A1

[51] Int.Cl. 7C09D 5/44 7C09D 201/02  
[25] EN  
[54] IMPROVED METHOD FOR MAKING AN AQUEOUS DISPERSION  
[54] PROCEDE AMELIORE DE PREPARATION D'UNE DISPERSION AQUEUSE  
[72] ALFORD, WILLIAM, US  
[72] TAZZIA, CHARLES, US  
[72] COOLEY, GRANT, US  
[71] BASF CORPORATION, US  
[85] 2004-01-27  
[86] 2002-08-09 (PCT/US2002/027037)  
[87] 2003-05-30 (WO2003/044098)  
[30] US (09/987,823) 2001-11-16

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**[21] 2,456,917**  
[13] A1

[51] Int.Cl. 7C01B 6/04 7C01B 6/34  
[25] EN  
[54] PROCESS FOR THE PRODUCTION AND PURIFICATION OF SODIUM HYDRIDE  
[54] PROCEDE DE PRODUCTION ET DE PURIFICATION D'HYDRURE DE SODIUM

[72] GERLACH, HANS-PETER, DE  
[72] DE VRIES, HANS, NL  
[72] HELLER, JOERG, DE  
[71] ALUMINAL  
OBERFLAECHENTECHNIK GMBH & CO.  
KG, DE  
[85] 2004-01-23  
[86] 2002-07-26 (PCT/EP2002/008333)  
[87] 2003-02-27 (WO2003/016214)  
[30] EP (01118210.2) 2001-07-28

**[21] 2,457,008**  
[13] A1

[51] Int.Cl. 7A61K 39/39 7A61K 39/00  
7A61P 35/00 7A61K 39/12 7A61P 31/12  
7A61K 47/42 7A61K 47/48  
[25] EN  
[54] METHODS FOR PREPARING COMPOSITIONS COMPRISING HEAT SHOCK PROTEINS OR ALPHA-2-MACROGLOBULIN USEFUL FOR THE TREATMENT OF CANCER AND INFECTIOUS DISEASE  
[54] PROCEDES DE PREPARATION DE COMPOSITIONS A BASE DE PROTEINES DU STRESS OU DE SG(A)-2-MACROGLOBULINE UTILISEES DANS LE TRAITEMENT DU CANCER ET DES MALADIES INFECTIEUSES  
[72] SRIVASTAVA, PRAMOD K., US  
[71] UNIVERSITY OF CONNECTICUT HEALTH CENTER, US  
[85] 2004-02-20  
[86] 2002-08-20 (PCT/US2002/026573)  
[87] 2003-02-27 (WO2003/015712)  
[30] US (60/313,629) 2001-08-20  
[30] US (60/337,222) 2001-12-06

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**[21] 2,457,102**  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] COMPUTER-BASED METHODS OF DESIGNING MOLECULES  
[54] METHODES INFORMATISEES D'IDENTIFICATION DE MOLECULES  
[72] REINHERZ, ELLIS L., US  
[72] WANG, JIAHUAI, US  
[72] KIM, MIKYUNG, US  
[72] RECHE, PEDRO A., US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2004-02-12  
[86] 2002-08-08 (PCT/US2002/025263)  
[87] 2003-02-27 (WO2003/017032)  
[30] US (60/312,276) 2001-08-14

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**[21] 2,457,215**  
[13] A1

[51] Int.Cl. 7C07K 7/50  
[25] EN  
[54] PROCESS FOR PREPARING GLYCOPEPTIDE DERIVATIVES  
[54] PROCESSUS DE PREPARATION DE DERIVES DE GLYCOPEPTIDE  
[72] LEE, JUNNING, US  
[72] LIU, JYANWEI, US  
[71] THERAVANCE, INC., US  
[85] 2004-02-16  
[86] 2002-08-23 (PCT/US2002/026831)  
[87] 2003-03-06 (WO2003/018607)  
[30] US (60/314,711) 2001-08-24

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**[21] 2,457,218**  
[13] A1

[51] Int.Cl. 7C07K 9/00 7C07K 1/14  
[25] EN  
[54] PROCESS FOR PURIFYING GLYCOPEPTIDE PHOSPHONATE DERIVATIVES  
[54] PROCEDE DE PURIFICATION DE DERIVES PHOSPHONATES DE GLYCOPEPTIDES  
[72] SCHMIDT, DONALD, JR., US  
[72] SGANGA, JEANMARIE DONOVAN, US  
[71] THERAVANCE, INC., US  
[85] 2004-02-16  
[86] 2002-08-23 (PCT/US2002/026854)  
[87] 2003-03-06 (WO2003/018608)  
[30] US (60/314,712) 2001-08-24

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**[21] 2,457,287**  
[13] A1

[51] Int.Cl. 7C12N 5/08 7C12N 5/10  
7A61K 35/28  
[25] EN  
[54] PRODUCTION AND USE OF HUMAN CD124 AND CD116 POSITIVE TUMOUR CELL LINES IN THE PRODUCTION OF ALLOGENIC OR SEMI-ALLOGENIC IMMUNOTHERAPY AGENTS  
[54] PRODUCTION ET UTILISATION DE LIGNEES DE CELLULES TUMORALES POSITIVES CD124 ET CD116 HUMAINES POUR LA PREPARATION D'AGENTS D'IMMUNOTHERAPIE ALLOGENIQUES OU SEMI-ALLOGENIQUES  
[72] GOLETZ, STEFFEN, DE  
[72] MASTERSON, ALAN, NL  
[72] SCHEPER, RIK J., NL  
[72] PINEDO, HERBERT M., NL  
[71] NEMOD IMMUNOTHERAPIE AG, DE  
[85] 2004-02-16  
[86] 2002-08-19 (PCT/EP2002/009260)  
[87] 2003-03-20 (WO2003/023023)  
[30] DE (101 39 428.4) 2001-08-17

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**[21] 2,457,316**  
[13] A1

[51] Int.Cl. 7G01R 31/08  
[25] EN  
[54] FAULT LOCATION METHOD AND DEVICE  
[54] PROCEDE ET DISPOSITIF DE LOCALISATION DE PANNE  
[72] SAHA, MURARI, SE  
[72] ROSOLOWSKI, EUGENIUSZ, PL  
[72] IZYKOWSKI, JAN, PL  
[71] ABB AB, SE  
[85] 2003-06-10  
[86] 2001-12-14 (PCT/SE2001/002771)  
[87] 2002-06-20 (WO2002/048725)  
[30] SE (0004627-6) 2000-12-14

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[13] A1

[51] Int.Cl. 7C07H 21/02 7G06F 19/00  
7C12N 15/11 7C12N 15/55 7C12N 15/63  
7C12Q 1/68  
[25] EN  
[54] MOLECULAR INTERACTION SITES OF RNASE PRNA AND METHODS OF MODULATING THE SAME  
[54] SITES D'INTERACTION MOLECULAIRE DE ARN DE RNASE P ET PROCEDES DE MODULATION ASSOCIES  
[72] ECKER, DAVID J., US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2004-02-20  
[86] 2002-08-19 (PCT/US2002/026418)  
[87] 2003-02-27 (WO2003/016498)  
[30] US (60/314,020) 2001-08-21

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[13] A1

[51] Int.Cl. 7C12N 15/63 7A61K 35/00  
7A61K 38/00 7A61K 48/00 7C12Q 3/00  
7C07H 21/04  
[25] EN  
[54] COMBINATORIAL METHODS FOR INDUCING CANCER CELL DEATH  
[54] TECHNIQUES COMBINATOIRES D'INDUCTION DE LA MORT DE CELLULES CANCEREUSES  
[72] FISHER, PAUL B., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY, US  
[85] 2004-02-20  
[86] 2002-08-19 (PCT/US2002/026454)  
[87] 2003-02-27 (WO2003/016499)  
[30] US (09/933,115) 2001-08-20

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**[21] 2,457,378**  
[13] A1

[51] Int.Cl. 7E04D 1/26 7E04D 12/00  
7E04D 1/36  
[25] EN  
[54] ROOFING SYSTEM AND  
ROOFING SHINGLES  
[54] SYSTEME DE TOITURE ET  
BARDEAUX DE TOITURE  
[72] BRYSON, MICHAEL, US  
[72] BEATTIE, KEVIN L., US  
[72] MCLINTOCK, MICHAEL ALLEN, US  
[72] KIIK, MATTI, US  
[71] ELK PREMIUM BUILDING  
PRODUCTS, INC., US  
[85] 2004-01-26  
[86] 2002-08-02 (PCT/US2002/024530)  
[87] 2003-02-20 (WO2003/014492)  
[30] US (60/310,031) 2001-08-03  
[30] US (60/331,808) 2001-11-20

**[21] 2,457,414**  
[13] A1

[51] Int.Cl. 7A61K 39/00  
[25] EN  
[54] VIRUS COAT PROTEIN/  
RECEPTOR CHIMERAS AND  
METHODS OF USE  
[54] CHIMERES DE RECEPTEUR/  
PROTEINE D'ENVELOPPE VIRALE ET  
METHODES D'UTILISATION  
ASSOCIEES  
[72] FOUTS, TIMOTHY R., US  
[72] TUSKAN, ROBERT G., US  
[72] DEVICO, ANTHONY L., US  
[71] UNIVERSITY OF MARYLAND  
BIOTECHNOLOGY INSTITUTE, US  
[85] 2004-02-20  
[86] 2002-08-21 (PCT/US2002/026543)  
[87] 2003-02-27 (WO2003/016333)  
[30] US (09/934,060) 2001-08-21

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[13] A1

[51] Int.Cl. 7C12N 7/04 7A61K 39/12  
7C07K 14/18  
[25] EN  
[54] INFECTIOUS AND ATTENUATED  
BOVINE VIRAL DIARRHEA VIRUS  
CLONE; METHODS FOR THEIR  
PRODUCTION AND USE  
[54] CLONE INFECTIEUX DU VIRUS  
DE LA DIARRHEE VIRALE BOVINE  
[72] VON FREYBURG, MARTINA, DE  
[72] EBERS, KNUST, DE  
[72] MEYER, CHRISTIANE, DE  
[72] MEYERS, GREGOR, DE  
[71] BOEHRINGER INGELHEIM  
VETMEDICA GMBH, DE  
[85] 2004-03-02  
[86] 2002-09-05 (PCT/EP2002/009925)  
[87] 2003-03-20 (WO2003/023041)  
[30] DE (101 43 813.3) 2001-09-06

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[13] A1

[51] Int.Cl. 7C12N 15/10 7A01H 5/00  
7C12P 19/04 7A01H 5/08 7A01H 5/10  
7C12N 15/31 7C12N 15/56 7C12N 15/62  
7C12N 15/82 7C12N 15/84  
[25] EN  
[54] SELF-PROCESSING PLANTS AND  
PLANT PARTS  
[54] PLANTES ET PARTIES DE  
PLANTES SE MURISSANT D'ELLES-  
MEMES  
[72] KINKEMA, MARK, US  
[72] LANAHAN, MICHAEL B., US  
[72] BASU, SHIB SANKAR, US  
[72] CRAIG, JOYCE, US  
[72] BATIE, CHRISTOPHER J., US  
[72] CHEN, WEN, US  
[71] SYNGENTA PARTICIPATIONS AG,  
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[85] 2004-02-26  
[86] 2002-08-27 (PCT/US2002/027129)  
[87] 2003-03-06 (WO2003/018766)  
[30] US (60/315,281) 2001-08-27

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[13] A1

[51] Int.Cl. 7C07H 21/00 7A61K 48/00  
7A61P 31/14 7A61K 31/7088 7A61K 31/  
712  
[25] EN  
[54] RNA INTERFERENCE MEDIATED  
INHIBITION OF HEPATITIS C VIRUS  
[54] INHIBITION DE L'EXPRESSION  
DU GENE DU VIRUS DE L'HEPATITE C  
(VHC) INDUISTE PAR  
L'INTERFERENCE D'ARN AU MOYEN  
D'ACIDE NUCLEIQUE INTERFERANT  
COURT (SINA)  
[72] MACEJAK, DENNIS, US  
[72] MCSWIGGEN, JAMES, US  
[72] MORRISSEY, DAVID, US  
[72] BEIGELMAN, LEONID, US  
[71] SIRNA THERAPEUTICS, INC., US  
[85] 2004-03-04  
[86] 2003-02-20 (PCT/US2003/005043)  
[87] 2003-08-28 (WO2003/070750)  
[30] US (60/358,580) 2002-02-20  
[30] US (60/363,124) 2002-03-11  
[30] US (PCT/US02/09187) 2002-03-26  
[30] US (60/386,782) 2002-06-06  
[30] US (60/401,104) 2002-08-05  
[30] US (60/406,784) 2002-08-29  
[30] US (60/408,378) 2002-09-05  
[30] US (60/409,293) 2002-09-09  
[30] US (60/440,129) 2003-01-15

**[21] 2,457,532**  
[13] A1

[51] Int.Cl. 7A61K 38/00  
[25] EN  
[54] NON-OXIDATIVELY  
METABOLIZED COMPOUNDS AND  
COMPOSITIONS, SYNTHETIC  
PATHWAYS THEREFOR, AND USES  
THEREOF  
[54] COMPOSES ET COMPOSITIONS  
NON METABOLISES PAR  
OXYDATION, LEURS VOIES DE  
SYNTHESE, ET LEURS UTILISATIONS  
[72] DRUZGALA, PASCAL, US  
[71] ARYX THERAPEUTICS, US  
[85] 2004-02-23  
[86] 2002-08-26 (PCT/US2002/027298)  
[87] 2003-03-06 (WO2003/017946)  
[30] US (60/314,792) 2001-08-24

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[21] 2,457,541

[13] A1

[51] Int.Cl. 7A61K 39/395 7C07K 16/00  
7C12P 21/08 7G01N 33/53 7G01N 33/574  
7C12Q 1/68  
[25] EN  
[54] METHODS FOR THE IDENTIFICATION OF POLYPEPTIDE ANTIGENS ASSOCIATED WITH DISORDERS INVOLVING ABERRANT CELL PROLIFERATION AND COMPOSITIONS USEFUL FOR THE TREATMENT OF SUCH DISORDERS  
[54] METHODES D'IDENTIFICATION D'ANTIGENES DE POLYPEPTIDES LIES A DES TROUBLES SE TRADUISANT PAR UNE PROLIFERATION CELLULAIRE ABERRANTE, ET COMPOSITIONS UTILISEES DANS LE TRAITEMENT DETELES TROUBLES  
[72] LEVINSON, ARTHUR D., US  
[71] GENENTECH, INC., US  
[85] 2004-03-01  
[86] 2002-09-04 (PCT/US2002/028176)  
[87] 2003-03-13 (WO2003/020909)  
[30] US (60/317,504) 2001-09-05

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[21] 2,457,644

[13] A1

[51] Int.Cl. 7A61K 31/335 7C07D 303/00  
7C07D 307/00 7C07D 493/04 7A61P 3/04  
7C07D 307/93  
[25] EN  
[54] SESQUITERPENOID DERIVATIVES HAVING ADIPOCYTE DIFFERENTIATION INHIBITORY EFFECT  
[54] DERIVES SESQUITERPENOÏDES DOTES D'UN EFFET INHIBITEUR SUR LA DIFFERENCIATION DES ADIPOCYTES  
[72] UBUKATA, MAKOTO, JP  
[72] MATSUURA, NOBUYASU, JP  
[72] YAMADA, MASASHI, JP  
[72] IINUMA, MUNEKAZU, JP  
[72] TANAKA, TOSHIYUKI, JP  
[72] SUZUKI, HIROTO, JP  
[71] GIFU PREFECTURE, JP  
[71] MEIJI DAIRIES CORPORATION, JP  
[85] 2004-02-13  
[86] 2002-08-09 (PCT/JP2002/008178)  
[87] 2003-02-27 (WO2003/015765)  
[30] JP (2001-246777) 2001-08-15

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[21] 2,457,677

[13] A1

[51] Int.Cl. 7A61M 37/00 7A61M 5/32  
[25] EN  
[54] MICRO NEEDLES AND METHOD OF MANUFACTURE THEREOF  
[54] MICRO-AIGUILLES ET PROCEDE DE FABRICATION CORRESPONDANT  
[72] STEMMER, GORAN, CH  
[72] GRISS, PATRICK, CH  
[71] BONSENS AB, SE  
[71] GRISS, PATRICK, CH  
[85] 2004-02-13  
[86] 2002-08-14 (PCT/SE2002/001456)  
[87] 2003-02-27 (WO2003/015860)  
[30] SE (0102736-6) 2001-08-14

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[21] 2,457,687

[13] A1

[51] Int.Cl. 7A61M 5/00  
[25] EN  
[54] ACCESS SEALING APPARATUS AND METHOD  
[54] PROCEDE ET APPAREIL DE FERMETURE HERMETIQUE D'UN ACCES  
[72] KAHLE, HENRY, US  
[72] TAYLOR, SCOTT V., US  
[71] APPLIED MEDICAL RESOURCES CORPORATION, US  
[85] 2004-02-13  
[86] 2002-05-14 (PCT/US2002/015696)  
[87] 2003-02-27 (WO2003/015848)  
[30] US (60/312,683) 2001-08-14

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[21] 2,457,697

[13] A1

[51] Int.Cl. 7A61N 5/067  
[25] EN  
[54] IMPROVED HAND-HELD LASER DEVICE FOR SKIN TREATMENT  
[54] DISPOSITIF LASER PORTATIF AMELIORE POUR TRAITEMENT CUTANE  
[72] SHANKS, STEVENS, C., US  
[72] TUCEK, KEVIN B., US  
[71] SHANKS, STEVENS, C., US  
[71] TUCEK, KEVIN B., US  
[85] 2004-02-13  
[86] 2002-06-19 (PCT/US2002/019359)  
[87] 2003-02-27 (WO2003/015869)  
[30] US (09/932,907) 2001-08-20

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[21] 2,457,750

[13] A1

[51] Int.Cl. 7A47K 1/04 7E03C 1/01  
7E03C 1/02 7E03C 1/12 7E03C 1/14  
7E03C 1/18 7E03C 1/182 7E03C 1/22  
7E03C 1/23 7E03C 1/232 7E03C 1/24  
7E03C 1/28  
[25] EN  
[54] DRAIN ASSEMBLY AND SINK  
[54] ENSEMBLE DE VIDANGE ET EVIER  
[72] CANTRELL, JOHN W., US  
[71] METCRAFT, INC., US  
[85] 2004-02-13  
[86] 2002-08-15 (PCT/US2002/026128)  
[87] 2003-02-27 (WO2003/015596)  
[30] US (09/932,477) 2001-08-17

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[21] 2,457,756

[13] A1

[51] Int.Cl. 7A61M 5/30  
[25] EN  
[54] HYPODERMIC JET INJECTION KIT  
[54] KIT D'INJECTION HYPODERMIQUE PAR PISTOLET A INJECTION  
[72] D'ANTONIO, NICHOLAS F., US  
[72] COLVIN, RICHARD O., US  
[72] D'ANTONIO, LINDA F., US  
[71] D'ANTONIO CONSULTANTS INTERNATIONAL, INC., US  
[85] 2004-02-13  
[86] 2002-08-21 (PCT/US2002/026623)  
[87] 2003-02-27 (WO2003/015846)  
[30] US (60/313,978) 2001-08-21  
[30] US (60/358,861) 2002-02-22  
[30] US (10/224,034) 2002-08-20

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[21] 2,457,800

[13] A1

[51] Int.Cl. 7F02B 53/02 7F02B 55/14  
[25] EN  
[54] OPERATING METHOD FOR A ROTARY ENGINE AND A ROTARY INTERNAL COMBUSTION ENGINE  
[54] PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A PISTON ROTATIF ET MOTEUR A PISTON ROTATIF A COMBUSTION INTERNE  
[72] STANISHEVSKAYA, ELENA ANATOLYEVNA, UA  
[71] SITALO, ANATOLY IVANOVICH, UA  
[85] 2003-11-28  
[86] 2002-01-31 (PCT/UA2002/000007)  
[87] 2002-12-05 (WO2002/097249)  
[30] UA (2001053700) 2001-05-31

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[21] 2,457,851

[13] A1

[51] Int.Cl. 7A61K 38/24 7A61K 31/138  
 [25] EN  
 [54] USE OF HCG AND LH IN CONTROLLED OVARIAN HYPERSTIMULATION  
 [54] UTILISATION DE HCG ET DE LH IN DANS L'HYPERSTIMULATION OVARIENNE CONTROLEE  
 [72] MENEZO, YVES, FR  
 [71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
 [85] 2004-02-17  
 [86] 2002-09-12 (PCT/GB2002/004167)  
 [87] 2003-03-20 (WO2003/022303)  
 [30] EP (01307758.1) 2001-09-12

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[21] 2,457,907

[13] A1

[51] Int.Cl. 7C12Q 1/68  
 [25] EN  
 [54] STAIN-DIRECTED MOLECULAR ANALYSIS FOR CANCER PROGNOSIS AND DIAGNOSIS  
 [54] ANALYSE MOLECULAIRE EFFECTUEE AU MOYEN D'UN COLORANT EN VUE DU PRONOSTIC ET DU DIAGNOSTIC DU CANCER  
 [72] BURKETT, DOUGLAS D., US  
 [71] ZILA, INC., US  
 [85] 2004-02-16  
 [86] 2002-10-05 (PCT/US2002/032067)  
 [87] 2003-09-04 (WO2003/072826)  
 [30] US (10/017,007) 2001-12-14

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[21] 2,457,918

[13] A1

[51] Int.Cl. 7C12N 5/06 7C07K 16/00 7A61K 39/395  
 [25] EN  
 [54] MULLERIAN INHIBITING SUBSTANCE LEVELS AND OVARIAN RESPONSE  
 [54] TAUX DE SUBSTANCE D'INHIBITION DU CANAL DE MULLER (MIS) ET REONSE OVARIENNE  
 [72] SEIFER, DAVID B., US  
 [72] MACLAUGHLIN, DAVID T., US  
 [71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US  
 [85] 2004-02-18  
 [86] 2002-08-20 (PCT/US2002/026605)  
 [87] 2003-02-27 (WO2003/016514)  
 [30] US (60/313,545) 2001-08-20

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[21] 2,457,930

[13] A1

[51] Int.Cl. 7G01N 33/52 7G01N 35/00 7G01N 35/10 7C12M 1/34 7G01N 33/53 7G01N 33/543 7G01N 33/571 7G01N 33/576  
 [25] EN  
 [54] DIAGNOSTIC TESTING PROCESS AND APPARATUS  
 [54] PROCEDE ET APPAREIL D'EPRUVE DIAGNOSTIQUE  
 [72] SLOANE, ANDREW, JOHN, AU  
 [72] COLE, ROBERT, ALAN, AU  
 [72] GOOLEY, ANDREW, ARTHUR, AU  
 [71] PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD., AU  
 [85] 2004-02-18  
 [86] 2002-08-20 (PCT/AU2002/001119)  
 [87] 2003-02-27 (WO2003/016902)  
 [30] AU (PR 7144) 2001-08-20  
 [30] AU (PR 9451) 2001-12-12  
 [30] AU (2002950212) 2002-07-11

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[21] 2,458,070

[13] A1

[51] Int.Cl. 7A61K 38/16 7A61K 31/40  
 [25] EN  
 [54] METHOD FOR RE-SENSITIZING VANCOMYCIN RESISTANT BACTERIA USING AGENTS WHICH SELECTIVELY CLEAVE A CELL WALL DEPSIPEPTIDE  
 [54] PROCEDE POUR RESENSIBILISER UNE BACTERIE RESISTANTE A LA VANCOMYCINE AU MOYEN D'AGENTS SEPARANT SELECTIVEMENT UN DEPSIPEPTIDE DE LA PAROI CELLULAIRE  
 [72] STILL, W. CLARK, US  
 [72] BONECA, IVO G., FR  
 [72] CHIOSIS, GABRIELA, US  
 [71] THE TRUSTEES OF COLUMIBA UNIVERSITY IN THE CITY OF NEW YORK, US  
 [85] 2004-02-19  
 [86] 2002-08-23 (PCT/US2002/026975)  
 [87] 2003-05-01 (WO2003/035098)  
 [30] US (09/938,746) 2001-08-23

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[21] 2,458,101

[13] A1

[51] Int.Cl. 7C12N 1/20 7C12Q 1/04  
 [25] EN  
 [54] VAN A AND VAN B VANCOMYCIN RESISTANT ENTEROCOCCI DETECTION MEDIA AND THE METHOD OF DETECTING THE ORGANISMS USING THE MEDIA  
 [54] MILIEU PERMETTANT LA DETECTION D'ENTEROCOQUES RESISTANTS A LA VANCOMYCINE VAN A ET VAN B ET PROCEDE LE METTANT EN OEUVRE  
 [72] KIKUCHI, KEN, JP  
 [72] UZAWA, YUTAKA, JP  
 [72] TOTSUKA, KYOICHI, JP  
 [71] TOKYO WOMEN'S MEDICAL UNIVERSITY, JP  
 [85] 2004-02-19  
 [86] 2002-05-17 (PCT/JP2002/004766)  
 [87] 2003-03-13 (WO2003/020918)  
 [30] JP (2001-265463) 2001-09-03

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[21] 2,458,146

[13] A1

[51] Int.Cl. 7A61K 38/17 7A61P 31/00 7A23L 1/03 7A61K 7/16 7A61K 31/19 7A61K 31/20 7A61K 35/20 7A61K 7/40  
 [25] EN  
 [54] USE OF MILK SERUM APOPROTEINS IN THE PROPHYLAXIS OR TREATMENT OF MICROBIAL OR VIRAL INFECTION  
 [54] UTILISATION D'APOPROTEINES DU SERUM DU LAIT DANS LA PROPHYLAXIE OU LE TRAITEMENT D'INFECTIONS MICROBIENNES OU VIRALES  
 [72] FOLAN, MICHAEL ANTHONY, IE  
 [72] BRADY, DAMIEN, GB  
 [71] WESTGATE BIOLOGICAL LIMITED, IE  
 [85] 2004-02-20  
 [86] 2002-08-20 (PCT/IE2002/000121)  
 [87] 2003-03-06 (WO2003/018049)  
 [30] IE (S2001/0780) 2001-08-23

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[21] 2,458,193

[13] A1

[51] Int.Cl. 7A01K 67/027 7A61K 49/00  
 [25] EN  
**[54] DEVELOPMENT OF TRANSGENIC MODEL FOR INTERVENTIONS IN NEURODEGENERATIVE DISEASES**  
**[54] DEVELOPPEMENT D'UN MODELE TRANSGENIQUE INTERVENANT DANS DES MALADIES NEURODEGENERATIVE**  
 [72] MASLIAH, ELIEZER, US  
 [72] ROCKENSTEIN, EDWARD, US  
 [72] MALLORY, MARGARET E., US  
 [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
 [85] 2004-02-20  
 [86] 2001-08-20 (PCT/US2001/026095)  
 [87] 2003-02-27 (WO2003/015507)

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[21] 2,458,228

[13] A1

[51] Int.Cl. 7C07H 21/02 7G06F 19/00  
 7C12N 15/11 7C12N 15/63 7C12Q 1/68  
 [25] EN  
**[54] MOLECULAR INTERACTION SITES OF 16S RIBOSOMAL RNA AND METHODS OF MODULATING THE SAME**  
**[54] SITES D'INTERACTION MOLECULAIRE D'ARN RIBOSOMIQUE 16S ET LEURS PROCEDES DE MODULATION**  
 [72] ECKER, DAVID J., US  
 [71] ISIS PHARMACEUTICALS, INC., US  
 [85] 2004-02-20  
 [86] 2002-08-19 (PCT/US2002/026212)  
 [87] 2003-03-06 (WO2003/018828)  
 [30] US (60/313,890) 2001-08-21

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[21] 2,458,261

[13] A1

[51] Int.Cl. 7C12N 5/06 7A61P 25/00  
 7C12N 5/08 7A61K 35/12 7A61K 38/18  
 7A61K 38/22 7A61K 38/27 7A61K 35/30  
 7A61K 31/565  
 [25] EN  
**[54] DIFFERENTIATION OF NEURAL STEM CELLS AND THERAPEUTIC USE THEEOF**  
**[54] REGULATION COMBINEE DE LA PRODUCTION DE CELLULES NEURALES**  
 [72] SHINGO, TETSURO, JP  
 [72] THOMPSON, BRADLEY G., CA  
 [72] WEISS, SAMUEL, CA  
 [71] STEM CELL THERAPEUTICS INC., CA  
 [85] 2004-02-23  
 [86] 2002-08-30 (PCT/CA2002/001346)  
 [87] 2003-03-06 (WO2003/018782)  
 [30] US (60/316,365) 2001-08-30  
 [30] US (60/316,579) 2001-08-31  
 [30] US (60/322,514) 2001-09-14  
 [30] US (60/386,404) 2002-06-07

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[21] 2,458,362

[13] A1

[51] Int.Cl. 7C12N 5/06 7B23K 26/00  
 7C12N 13/00 7A61B 18/20 7A61B 17/435  
 [25] EN  
**[54] ISOLATION OF INNER CELL MASS FOR THE ESTABLISHMENT OF HUMAN EMBRYONIC STEM CELL (HESC) LINES**  
**[54] ISOLATION DE LA MASSE CELLULAIRE INTERNE DESTINEE A ETABLIR DES LIGNEES DE CELLULES SOUCHE EMBRYONNAIRES HUMAINES (HESC)**  
 [72] SAXENA, SHAILAJA ANUPAM, IN  
 [72] PARikh, FIRUZA RAJESH, IN  
 [72] TOTey, SATISH MAHADEORAO, IN  
 [71] RELIANCE LIFE SCIENCES PVT., LTD., IN  
 [85] 2004-02-23  
 [86] 2002-08-20 (PCT/IN2002/000168)  
 [87] 2003-03-06 (WO2003/018783)  
 [30] US (60/314,323) 2001-08-23

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[21] 2,458,384

[13] A1

[51] Int.Cl. 7B65H 29/66 7B65H 39/10  
 7B65H 33/12 7B65H 5/24  
 [25] EN  
**[54] METHOD FOR PROCESSING SHEET-LIKE PRODUCTS, AND APPARATUS FOR IMPLEMENTING THE METHOD**  
**[54] PROCEDE POUR TRAITER DES PRODUITS PLANS ET DISPOSITIF POUR METTRE L'EDET PROCEDE EN OEUVRE**  
 [72] LEU, WILLI, CH  
 [71] FERAG AG, CH  
 [85] 2004-03-09  
 [86] 2002-08-14 (PCT/CH2002/000446)  
 [87] 2003-04-17 (WO2003/031299)  
 [30] CH (1834/01) 2001-10-05

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[21] 2,458,387

[13] A1

[51] Int.Cl. 7B32B 17/10 7C03C 27/12  
 7E06B 3/677  
 [25] EN  
**[54] METHOD AND DEVICE FOR FILLING A CAVITY BETWEEN TWO SHEETS OF FIRE-RESISTING COMPOSITE GLASS**  
**[54] PROCEDE ET DISPOSITIF DE REMPLISSAGE D'UNE CAVITE FORMEE ENTRE DEUX VITRES D'UN VITRAGE COMPOSE COUPE-FEU**  
 [72] LINDBERG, ANDERS, SE  
 [72] LINDQVIST, JAN-OLOF, SE  
 [71] VETROTECH SAINT-GOBAIN (INTERNATIONAL) AG, CH  
 [85] 2004-03-11  
 [86] 2002-09-19 (PCT/CH2002/000515)  
 [87] 2003-04-17 (WO2003/031173)  
 [30] CH (1831/01) 2001-10-04

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[21] 2,458,392  
[13] A1

[51] Int.Cl. 7C07K 19/00 7C07K 16/00  
7C07K 14/195 7C07K 14/37 7A61K 47/38  
[25] EN  
[54] CARBOHYDRATE BINDING DOMAIN CONTAINING FUSION PROTEINS FOR DELIVERY OF THERAPEUTIC AND OTHER AGENTS, AND COMPOSITIONS CONTAINING THEM  
[54] PROTEINES DE FUSION CONTENANT UN DOMAINE DE LIAISON AUX HYDRATES DE CARBONE POUR LA LIBERATION D'AGENTS THERAPEUTIQUES ET AUTRES AGENTS, ET COMPOSITIONS LES RENFERMANT  
[72] BARNWELL, STEPHEN GEORGE, GB  
[72] PARRY, NEIL JAMES, GB  
[71] UNILEVER PLC, GB  
[85] 2004-03-01  
[86] 2002-09-19 (PCT/EP2002/010523)  
[87] 2003-04-17 (WO2003/031477)  
[30] EP (01308467.8) 2001-10-03

[21] 2,458,405  
[13] A1

[51] Int.Cl. 7G01N 33/53  
[25] EN  
[54] BIO-SENSING PLATFORMS FOR DETECTION AND QUANTITATION OF BIOLOGICAL MOLECULES  
[54] PLATES-FORMES DE BIO-DETECTION ET D'ANALYSE QUANTITATIVE DE MOLECULES BIOLOGIQUES  
[72] BURDICK, BRENT ARTHUR, US  
[72] KUMARASWAMY, SRIRAM, US  
[72] MCBRANCH, DUNCAN, US  
[72] WHITTEN, DAVID, US  
[72] RININSLAND, FRAUKE, US  
[71] QTL BIOSYSTEMS LLC, US  
[85] 2004-02-23  
[86] 2002-08-23 (PCT/US2002/026697)  
[87] 2003-03-06 (WO2003/019138)  
[30] US (60/314,094) 2001-08-23

[21] 2,458,475  
[13] A1

[51] Int.Cl. 7C11D 1/835  
[25] EN  
[54] CLEANING COMPOSITION  
[54] COMPOSITION DE NETTOYAGE  
[72] LIU, AUGUSTINE, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-03-11  
[86] 2002-08-13 (PCT/US2002/025606)  
[87] 2003-04-17 (WO2003/031549)  
[30] US (09/974,388) 2001-10-10

[21] 2,458,517  
[13] A1

[51] Int.Cl. 7G06F 15/00  
[25] EN  
[54] METHOD AND SYSTEM FOR CREATING A COLLABORATIVE WORK OVER A DIGITAL NETWORK  
[54] PROCEDE ET SYSTEME POUR PRODUIRE UNE OEUVRE DE COLLABORATION SUR UN RESEAU NUMERIQUE

[72] SINGER, CRAIG, US  
[72] WILLIAMS, CHRISTOPHER, US  
[72] WILLIAMS, DAVID B., US  
[71] MY2CENTENCES, LLC, US  
[85] 2004-03-09  
[86] 2002-09-10 (PCT/US2002/028639)  
[87] 2003-04-17 (WO2003/032178)  
[30] US (60/317,997) 2001-09-10

[21] 2,458,522  
[13] A1

[51] Int.Cl. 7B65G 15/06 7H02K 41/00  
7B65G 35/02 7B65G 15/30  
[25] EN  
[54] INDUCTION DRIVE FOR INDUCTION DRIVEN CONVEYOR  
[54] ENTRAINEMENT PAR INDUCTION POUR TRANSPORTEUR ACTIONNE PAR INDUCTION  
[72] LEE, RICK, US  
[71] LEE, RICK, US  
[85] 2004-03-11  
[86] 2002-09-24 (PCT/US2002/030225)  
[87] 2003-04-17 (WO2003/031288)  
[30] US (09/973,271) 2001-10-09

[21] 2,458,525  
[13] A1

[51] Int.Cl. 7G01N 33/543 7G01N 33/544  
[25] EN  
[54] MEDIUM FOR ISOLATING, DETECTING, SEPARATING OR PURIFYING CHEMICAL AND BIOLOGICAL SUBSTANCES  
[54] SUPPORT PERMETTANT D'ISOLER, DE DETECTER, DE SEPARER OU DE PURIFIER DES SUBSTANCES CHIMIQUES ET BIOLOGIQUES  
[72] WARD, BENNETT, US  
[72] BILLUPS, RONALD E., US  
[72] FALLECKER, CURTIS N., US  
[72] FINCH, DAN O., JR., US  
[72] SANROMA, ULISES C., US  
[71] FILTRONA RICHMOND, INC., US  
[85] 2004-02-25  
[86] 2002-09-30 (PCT/US2002/030872)  
[87] 2003-04-17 (WO2003/031978)  
[30] US (60/326,994) 2001-10-05  
[30] US (60/341,285) 2001-12-20

[21] 2,458,531  
[13] A1

[51] Int.Cl. 7A61M 39/26 7F16K 21/04  
[25] EN  
[54] MALE LUER VALVE  
[54] SOUPAPE MALE LUER  
[72] ENERSON, JON R., US  
[71] HALKEY-ROBERTS CORPORATION, US  
[85] 2004-03-11  
[86] 2002-10-01 (PCT/US2002/031346)  
[87] 2003-04-17 (WO2003/030986)  
[30] US (60/327,817) 2001-10-09

[21] 2,458,565  
[13] A1

[51] Int.Cl. 7A61K 38/00 7G01N 33/566  
7C07K 14/705  
[25] EN  
[54] NEW DRUG  
[54] NOUVEAU MEDICAMENT  
[72] STROMBLAD, STAFFAN, SE  
[72] PAELL, TAAVI, EE  
[72] KOGERMAN, PRIIT, EE  
[71] STROMBLAD, STAFFAN, SE  
[71] PAELL, TAAVI, EE  
[71] KOGERMAN, PRIIT, EE  
[85] 2004-02-23  
[86] 2002-08-26 (PCT/SE2002/001531)  
[87] 2003-03-06 (WO2003/018044)  
[30] SE (0102823-2) 2001-08-24  
[30] US (60/314,971) 2001-08-24

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**[21] 2,458,575**  
[13] A1

[51] Int.Cl. 7C12Q 1/02 7C12N 5/00  
[25] EN  
[54] SCREENING ASSAYS FOR IDENTIFYING DIFFERENTIATION-INDUCING AGENTS AND PRODUCTION OF DIFFERENTIATED CELLS FOR CELL THERAPY  
[54] ESSAIS DE CIBLAGE POUR L'IDENTIFICATION D'AGENTS INDUISANT LA DIFFÉRENTIATION, ET PRODUCTION DE CELLULES DIFFÉRENCIÉES POUR LA THÉRAPIE CELLULAIRE  
[72] SCHOLER, HANS, US  
[72] PAGE, RAYMOND, US  
[72] CHAPMAN, KAREN, US  
[72] WEST, MICHAEL D., US  
[71] ADVANCED CELL TECHNOLOGY, INC., US  
[85] 2004-02-19  
[86] 2002-08-26 (PCT/US2002/026945)  
[87] 2003-03-06 (WO2003/018760)  
[30] US (60/314,316) 2001-08-24

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**[21] 2,458,581**  
[13] A1

[51] Int.Cl. 7F03D 11/00 7F03D 11/04  
[25] EN  
[54] WIND TURBINE POWER MODULE MOUNTED ON THE TOWER FOUNDATION  
[54] MODULE DE PUISANCE DE TURBINE EOLIENNE, MIS EN PLACE SUR LES FONDATIONS DE LA TOUR  
[72] WOBGEN, ALOYS, DE  
[71] WOBGEN, ALOYS, DE  
[85] 2004-03-10  
[86] 2002-09-12 (PCT/EP2002/010212)  
[87] 2003-03-27 (WO2003/025392)  
[30] DE (101 45 414.7) 2001-09-14

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**[21] 2,458,590**  
[13] A1

[51] Int.Cl. 7G01C 19/56 7G01P 9/04  
[25] EN  
[54] VIBRATORY GYROSCOPIC RATE SENSOR  
[54] DETECTEUR DE VITESSE GYROSCOPIQUE VIBRATOIRE  
[72] ELEY, REBECKA, GB  
[72] FELL, CHRISTOPHER PAUL, GB  
[72] FOX, COLIN HENRY JOHN, GB  
[72] MCWILLIAM, STEWART, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2004-03-10  
[86] 2002-09-06 (PCT/GB2002/004051)  
[87] 2003-03-27 (WO2003/025501)  
[30] GB (0122258.7) 2001-09-14

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**[21] 2,458,594**  
[13] A1

[51] Int.Cl. 7G01C 19/56  
[25] EN  
[54] VIBRATORY GYROSCOPIC RATE SENSOR  
[54] DETECTEUR DE VITESSE GYROSCOPIQUE VIBRATOIRE  
[72] ELEY, REBECKA, GB  
[72] FOX, COLIN HENRY JOHN, GB  
[72] FELL, CHRISTOPHER PAUL, GB  
[72] MCWILLIAM, STEWART, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2004-03-10  
[86] 2002-09-06 (PCT/GB2002/004053)  
[87] 2003-03-27 (WO2003/025502)  
[30] GB (0122252.0) 2001-09-14

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**[21] 2,458,601**  
[13] A1

[51] Int.Cl. 7G01C 19/56  
[25] EN  
[54] VIBRATORY GYROSCOPIC RATE SENSOR  
[54] CAPTEUR DE VITESSE GYROSCOPIQUE VIBRANT  
[72] MCWILLIAM, STEWART, GB  
[72] FELL, CHRISTOPHER PAUL, GB  
[72] ELEY, REBECKA, GB  
[72] FOX, COLIN HENRY JOHN, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2004-03-10  
[86] 2002-09-06 (PCT/GB2002/004056)  
[87] 2003-03-27 (WO2003/025503)  
[30] GB (0122256.1) 2001-09-14

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**[21] 2,458,604**  
[13] A1

[51] Int.Cl. 7G01C 19/56  
[25] EN  
[54] VIBRATORY GYROSCOPIC RATE SENSOR  
[54] DETECTEUR DE VITESSE GYROSCOPIQUE VIBRANT  
[72] FOX, COLIN HENRY JOHN, GB  
[72] ELEY, REBECKA, GB  
[72] FELL, CHRISTOPHER PAUL, GB  
[72] MCWILLIAM, STEWART, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2004-03-10  
[86] 2002-09-06 (PCT/GB2002/004066)  
[87] 2003-03-27 (WO2003/025505)  
[30] GB (0122254.6) 2001-09-14

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**[21] 2,458,610**  
[13] A1

[51] Int.Cl. 7C12N 13/00 7C12N 15/02  
[25] EN  
[54] NON-LINEAR AMPLITUDE DIELECTROPHORESIS WAVEFORM FOR CELL FUSION  
[54] FORME D'ONDE DE DIELECTROPHORESE D'AMPLITUDE NON LINÉAIRE POUR FUSION CELLULAIRE  
[72] KING, ALAN D., US  
[72] WALTERS, RICHARD E., US  
[72] WALTERS, DERIN C., US  
[71] CYTO PULSE SCIENCES, INC., US  
[85] 2004-02-24  
[86] 2002-04-05 (PCT/US2002/008239)  
[87] 2003-03-13 (WO2003/020915)  
[30] US (60/315,936) 2001-08-31

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**[21] 2,458,614**  
[13] A1

[51] Int.Cl. 7G01S 13/88 7G01S 13/34  
[25] EN  
[54] RADAR IMAGING APPARATUS  
[54] IMAGEUR RADAR  
[72] BIGGS, ROGER TREDEGAR, GB  
[71] THE SECRETARY OF STATE OF DEFENCE, GB  
[85] 2004-03-10  
[86] 2002-09-13 (PCT/GB2002/004187)  
[87] 2003-03-27 (WO2003/025619)  
[30] GB (0122357.7) 2001-09-15

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**[21] 2,458,615**  
[13] A1

[51] Int.Cl. 7G01N 33/53  
[25] EN  
[54] FLOW-CONTROLLED MAGNETIC PARTICLE MANIPULATION  
[54] MANIPULATION DE PARTICULES MAGNETIQUES A ECOULEMENT REGULE  
[72] BRUCKNER-LEA, CYNTHIA J., US  
[72] HOLMAN, DAVID, US  
[72] GRATE, JAY W., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2004-02-24  
[86] 2002-08-06 (PCT/US2002/024850)  
[87] 2003-05-30 (WO2003/044528)  
[30] US (09/944,816) 2001-08-31

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**[21] 2,458,618**  
[13] A1

[51] Int.Cl. 7B32B 15/04  
[25] EN  
[54] COMPOSITE FLYWHEEL RIM WITH CO-MINGLED FIBER LAYERS AND METHODS FOR MANUFACTURING SAME  
[54] JANTE EN COMPOSITE DE VOLANT COMPORTANT DES COUCHES DE FIBRES ENTREMELEES, ET SES PROCEDES DE FABRICATION  
[72] SPEARS, WARD R., US  
[72] SHIREY, CYNTHIA L., US  
[71] BEACON POWER CORPORATION, US  
[85] 2004-03-10  
[86] 2002-08-22 (PCT/US2002/026661)  
[87] 2003-04-03 (WO2003/026882)  
[30] US (09/952,151) 2001-09-13

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**[21] 2,458,622**  
[13] A1

[51] Int.Cl. 7A61K 38/17 7A61P 35/00  
7C12Q 1/02 7A61K 38/20 7A61K 33/24  
[25] EN  
[54] COPPER-DEPENDENT NON-TRADITIONAL PRO-INFLAMMATORY CYTOKINE EXPORT AND METHODS, COMPOSITIONS AND KITS RELATING THERETO  
[54] EXPORT NON TRADITIONNEL DE CYTOKINES PRO-INFLAMMATOIRES DEPENDANT DU CUIVRE ET METHODES, COMPOSITIONS ET KITS ASSOCIES  
[72] MANDINOV, LAZAR, US  
[72] MACIAG, THOMAS, US  
[72] MANDINOVA, ANNA, US  
[72] PRUDOVSKY, IGOR, US  
[72] BELLUM, STEPHEN, US  
[72] SOLDI, RAFFAELLA, US  
[72] BAGALA, CINZIA, US  
[71] MAINE MEDICAL CENTER RESEARCH INSTITUTE, US  
[85] 2004-02-24  
[86] 2002-08-26 (PCT/US2002/027247)  
[87] 2003-03-06 (WO2003/018595)  
[30] US (60/314,837) 2001-08-24

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**[21] 2,458,628**  
[13] A1

[51] Int.Cl. 7A61K 31/353 7A61P 25/14  
7A61K 31/15 7A61P 25/16 7A61K 31/195  
[25] EN  
[54] NOVEL USE OF SUBSTITUTED AMINOMETHYL CHROMANS FOR THE TREATMENT OF MOVEMENT DISORDERS AND OF ADVERSE EFFECTS INDUCED BY DRUGS ADMINISTERED TO TREAT EXTRAPYRAMIDAL MOVEMENT DISORDERS  
[54] UTILISATION D'AMINOMETHYLE CHROMANS A SUBSTITUTION DANS LE TRAITEMENT DE TROUBLES DES MOUVEMENTS  
[72] RUSS, HERMANN, DE  
[72] SEYFRIED, CHRISTOPH, DE  
[72] SCHMID-GROSSMANN, USCHI, DE  
[72] BARTOSZYK, GERD, DE  
[72] BOETTCHER, HENNING, DE  
[72] BOKEL, HEINZ-HERMANN, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE  
[85] 2004-03-10  
[86] 2002-08-09 (PCT/EP2002/008912)  
[87] 2003-03-20 (WO2003/022269)  
[30] EP (01121910.2) 2001-09-12

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**[21] 2,458,629**  
[13] A1

[51] Int.Cl. 7B65B 1/04  
[25] EN  
[54] ASEPTIC SERIAL FILLING OF CONTAINERS  
[54] APPAREIL ET PROCEDE DE REMPLISSAGE ASEPTIQUE, EN SERIE, DE CONTENANTS  
[72] RIPLEY, DONALD E., US  
[72] SAVAGE, CHESTER, US  
[72] EDWARDS, SIMON PETER, US  
[72] STRICKLIN, DOUGLAS KENT, US  
[71] SCHOLLE CORPORATION, US  
[85] 2004-03-10  
[86] 2002-09-13 (PCT/US2002/029203)  
[87] 2003-03-20 (WO2003/022314)  
[30] US (60/322,678) 2001-09-13  
[30] US (60/329,075) 2001-10-12

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**[21] 2,458,632**  
[13] A1

[51] Int.Cl. 7C07D 401/04 7A61P 25/00  
7A61P 9/10 7C07D 401/12 7C07D 401/14  
7A61K 31/4025 7A61K 31/4709 7A61K 31/4725  
[25] EN  
[54] UREA-COMPOUNDS ACTIVE AS VANILLOID RECEPTOR ANTAGONISTS FOR THE TREATMENT OF PAIN  
[54] NOUVEAUX COMPOSES  
[72] WYMAN, PAUL ADRIAN, GB  
[72] THOMPSON, MERVYN, GB  
[72] RAMI, HARSHAD KANTILAL, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2004-03-11  
[86] 2002-09-13 (PCT/GB2002/004206)  
[87] 2003-03-20 (WO2003/022809)  
[30] GB (0122156.3) 2001-09-13  
[30] GB (0130547.3) 2001-12-20  
[30] GB (0130503.6) 2001-12-20  
[30] GB (0130505.1) 2001-12-20

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**[21] 2,458,671**  
[13] A1

[51] Int.Cl. 7C12M 1/40  
[25] EN  
[54] BIOFERMENTOR FOR THE TREATMENT OF BIOLOGICALLY CONVERTIBLE MATTER  
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[72] GOULET, JACQUES, CA  
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[85] 2004-03-10  
[86] 2002-09-10 (PCT/CA2002/001404)  
[87] 2003-03-20 (WO2003/022984)  
[30] GB (0121735.5) 2001-09-10

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[21] 2,458,695  
[13] A1

[51] Int.Cl. 7B65D 21/02  
[25] EN  
[54] APPARATUS FOR PACKAGING AND BI-DIRECTIONAL COOLING  
[54] PROCEDE ET APPAREIL D'EMBALLAGE ET DE REFROIDISSEMENT BIDIRECTIONNEL DE PRODUITS  
[72] CADIENTE, ANTHONY, US  
[72] SAMBRAILO, MARK, US  
[72] SAMBRAILO, WILLIAM K., US  
[71] SAMBRAILO PACKAGING, INC., US  
[85] 2004-03-10  
[86] 2002-09-06 (PCT/US2002/028338)  
[87] 2003-03-20 (WO2003/022685)  
[30] US (60/322,670) 2001-09-11  
[30] US (10/017,893) 2001-12-12

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[21] 2,458,704  
[13] A1

[51] Int.Cl. 7G01N 33/80 7G01N 33/72  
[25] EN  
[54] DETERMINATION AND QUANTIFICATION OF RED BLOOD CELL POPULATIONS IN SAMPLES  
[54] DETERMINATION ET QUANTIFICATION DES POPULATIONS DE GLOBULES ROUGES DANS DES ECHANTILLONS  
[72] SUK, ROELF JOHAN, NL  
[72] VAN WEEGHEN, ROBERT PAUL, NL  
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[85] 2004-02-25  
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[21] 2,458,721  
[13] A1

[51] Int.Cl. 7G01N 31/12 7G01N 30/04  
[25] EN  
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[54] ECHANTILLONNEUR POUR SYSTEMES D'ANALYSE ELEMENTAIRE AUTOMATIQUES  
[72] SISTI, LEONARDO M., IT  
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[30] IT (TO2001A000895) 2001-09-19

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[21] 2,458,740  
[13] A1

[51] Int.Cl. 7C12N 5/00  
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[54] METHODE DE TRAITEMENT DU SYNDROME DE REPONSE INFLAMMATOIRE SYSTEMIQUE  
[72] HUMES, H. DAVID, US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2004-02-25  
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[30] US (09/941,987) 2001-08-30

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[13] A1

[51] Int.Cl. 7B62B 7/14  
[25] EN  
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[54] CHARIOT  
[72] REFSUM, BJORN, NO  
[71] STOKKE GRUPPEN AS, NO  
[85] 2004-03-10  
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[87] 2003-05-01 (WO2003/035448)  
[30] NO (20015159) 2001-10-22

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[13] A1

[51] Int.Cl. 7A61K 49/00  
[25] EN  
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[54] COMPOSES THERAPEUTIQUES DE TROPANE  
[72] MELTZER, PETER C., US  
[72] MADRAS, BERTHA K., US  
[72] BLUNDELL, PAUL, US  
[71] ORGANIX, INC., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2004-04-27  
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[87] 2003-02-27 (WO2003/015830)  
[30] US (60/313,205) 2001-08-17

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[21] 2,458,818  
[13] A1

[51] Int.Cl. 7C12N 15/18 7C12N 15/10  
7C12N 15/12 7C07K 14/47 7C07K 14/475  
7C12Q 1/68  
[25] EN  
[54] METHODS AND MATERIALS RELATING TO STEM CELL GROWTH FACTOR-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES  
[54] PROCEDES ET MATERIAUX RELATIFS AUX POLYNUCLEOTIDES ET POLYPEPTIDES DE TYPE FACTEUR DE CROISSANCE DE CELLULES SOUCHES  
[72] TANG, Y. TOM, US  
[71] NUVELO, INC., US  
[85] 2004-02-25  
[86] 2002-08-30 (PCT/US2002/027746)  
[87] 2003-04-10 (WO2003/029405)  
[30] US (60/316,368) 2001-08-30  
[30] US (60/339,739) 2001-12-10  
[30] US (10/125,852) 2002-04-19

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[21] 2,458,834  
[13] A1

[51] Int.Cl. 7A61B 17/04  
[25] EN  
[54] APPARATUS AND METHODS FOR TENDON OR LIGAMENT REPAIR  
[54] APPAREILS ET METHODES DE REPARATION DE TENDONS OU DE LIGAMENTS  
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[72] WARD, THOMAS J., US  
[72] HUGHES, KENNETH E., US  
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[51] Int.Cl. 7A61F 2/06  
[25] EN  
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[54] PROTHESES POUR LUMIERES COURBEEES  
[72] VAN SCHIE, GREGORY PAUL, AU  
[72] HARTLEY, DAVID ERNEST, AU  
[71] COOK INCORPORATED, US  
[71] WILLIAM A. COOK AUSTRALIA PTY. LTD., AU  
[85] 2004-03-11  
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[87] 2003-05-01 (WO2003/034948)  
[30] AU (PR8473) 2001-10-26

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[13] A1

[51] Int.Cl. 7C07K 14/47 7C07K 5/00  
7A61K 38/01 7A61K 38/03 7C07K 7/04  
7A61K 35/14 7A61K 38/17 7A61K 35/20  
[25] EN  
[54] CASEIN DERIVED PEPTIDES AND USES THEREOF IN THERAPY  
[54] PEPTIDES DERIVES DE LA CASEINE ET LEURS UTILISATIONS THERAPEUTIQUES  
[72] SIDELMAN, ZVI, IL  
[71] CHAY 13 MEDICAL RESEARCH GROUP N.V., NL  
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[30] US (09/942,121) 2001-08-30

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[13] A1

[51] Int.Cl. 7B29C 59/04 7B05D 5/10  
7B05D 3/12 7B05D 1/28  
[25] EN  
[54] HIGH SPEED EMBOSsing AND ADHESIVE PRINTING PROCESS AND APPARATUS  
[54] PROCEDE ET APPAREIL DE GAUFRAGE ET D'IMPRESSION D'ADHESIF A GRANDE VITESSE  
[72] BUSH, STEPHAN GARY, US  
[72] MCGUIRE, KENNETH STEPHEN, US  
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[72] MCNEIL, KEVIN BENSON, US  
[72] VAUGHN, JEFFREY MOSS, US  
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[71] THE PROCTER & GAMBLE COMPANY, US  
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[30] US (10/150,258) 2001-10-25

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[13] A1

[51] Int.Cl. 7B65D 65/14 7C09J 7/02  
7B29C 59/04  
[25] EN  
[54] STORAGE WRAP MATERIAL  
[54] MATERIAU D'EMBALLAGE POUR STOCKAGE  
[72] VAUGHN, JEFFREY MOSS, US  
[72] MCGUIRE, KENNETH STEPHEN, US  
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[72] HAMILTON, PETER WORTHINGTON, US  
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[87] 2003-05-01 (WO2003/035502)  
[30] US (10/003,900) 2001-10-25

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[13] A1

[51] Int.Cl. 7C12Q 1/37 7G01N 33/15  
7G01N 27/26 7G01N 33/50 7G01N 33/53  
[25] EN  
[54] METHOD OF DETERMINING TARGET PROTEIN OF DRUG  
[54] PROCEDE DE DETERMINATION D'UNE PROTEINE CIBLE D'UN MEDICAMENT  
[72] NAKANO, HIROFUMI, JP  
[72] ONEYAMA, CHITOSE, JP  
[72] SHARMA, SREENATH V., US  
[71] KYOWA HAKKO KOGYO CO. LTD., JP  
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[13] A1

[51] Int.Cl. 7C07K 14/37 7C12P 25/00  
7C12N 15/80  
[25] EN  
[54] NOVEL GENETIC PRODUCTS OBTAINED FROM ASHBYA GOSSYPII, WHICH ARE ASSOCIATED WITH TRANSCRIPTION MECHANISMS, RNA PROCESSING AND/OR TRANSLATION  
[54] NOUVEAUX PRODUITS GENIQUES ISSUS DE ASHBYA GOSSYPII ASSOCIES AUX MECANISMES DE LA TRANSCRIPTION, DE LA MATURATION DE L'ARN ET/OU DE LA TRADUCTION  
[72] ALTHOEFER, HENNING, DE  
[72] KAROS, MARVIN, DE  
[72] KROEGER, BURKHARD, DE  
[72] REVUELTA DOVAL, JOSE L., ES  
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[87] 2003-03-13 (WO2003/020757)  
[30] DE (101 42 056.0) 2001-08-29  
[30] DE (101 42 057.9) 2001-08-29  
[30] DE (101 42 058.7) 2001-08-29  
[30] DE (101 42 059.5) 2001-08-29  
[30] DE (101 42 060.9) 2001-08-29  
[30] DE (101 42 061.7) 2001-08-29  
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[30] DE (101 42 070.6) 2001-08-29  
[30] DE (101 42 071.4) 2001-08-29  
[30] DE (102 16 029.5) 2002-04-11  
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[30] DE (102 21 908.7) 2002-05-16  
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[30] DE (102 27 791.5) 2002-06-21  
[30] DE (102 27 792.3) 2002-06-21  
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[30] DE (102 34 453.1) 2002-07-29

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**[21] 2,458,970**  
[13] A1

[51] Int.Cl. 7C12Q 1/68  
[25] EN  
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[54] PROCEDES DE QUANTIFICATION D'ESSAIS DE TRANSCRIPTION PAR RUN-ON NUCLEAIRE  
[72] RICE, ROBERT NORMAN, AU  
[72] HARRISON, BRUCE THOMAS, AU  
[71] BENITEC AUSTRALIA LTD., AU  
[85] 2004-02-27  
[86] 2002-08-30 (PCT/AU2002/001182)  
[87] 2003-03-06 (WO2003/018832)  
[30] US (60/316,308) 2001-08-31

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[13] A1

[51] Int.Cl. 7C07D 405/12 7A61K 31/4427  
[25] EN  
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[72] NADER, BASSAM SALIM, US  
[72] ADAMSKI BUTZ, JENIFER LYNN, US  
[72] YAO, CHENGLIN, US  
[72] ROGERS, RICHARD BREWER, US  
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[71] DOW AGROSCIENCES LLC, US  
[85] 2004-03-11  
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[87] 2003-05-01 (WO2003/035617)  
[30] US (60/335,814) 2001-10-23

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**[21] 2,458,985**  
[13] A1

[51] Int.Cl. 7C07K 16/40 7C07K 14/47 7G01N 33/53 7C12N 9/64  
[25] EN  
[54] ANTIBODIES AGAINST CASPASE-8, THEIR PREPARATION AND USE  
[54] ANTICORPS ANTI-CASPASE-8, PREPARATION ET UTILISATION DE CES ANTICORPS  
[72] WALLACH, DAVID, IL  
[72] KOLUMAM, GANESH, US  
[72] GONCHAROV, TANYA, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
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[87] 2003-03-13 (WO2003/020767)  
[30] IL (145279) 2001-09-04

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[13] A1

[51] Int.Cl. 7C07K 16/28 7A61P 19/02 7A61P 19/10 7A61K 39/395 7C07K 16/46  
[25] EN  
[54] A METHOD FOR THE TREATMENT OR PREVENTION OF BONE EROSION  
[54] TECHNIQUE DE TRAITEMENT OU DE PREVENTION DE L'EROSION OSSEUSE  
[72] OHTSUKI, MASAHIKO, JP  
[72] OGAWA, YUKIE, JP  
[72] FUKUDA, CHIE, JP  
[71] SANKYO COMPANY, LIMITED, JP  
[85] 2004-02-27  
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[87] 2003-03-13 (WO2003/020768)  
[30] JP (2001-257436) 2001-08-28

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**[21] 2,458,995**  
[13] A1

[51] Int.Cl. 7C12N 15/00  
[25] EN  
[54] POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE B POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF  
[54] POLYNUCLEOTIDES CODANT DES POLYPEPTIDES DE TYPE B DU VIH ANTIGENIQUES, POLYPEPTIDES ET LEURS UTILISATIONS  
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[72] BARNETT, SUSAN W., US  
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[30] US (60/316,860) 2001-08-31  
[30] US (60/349,728) 2002-01-16

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[13] A1

[51] Int.Cl. 7A61K 31/45 7A61P 25/22 7A61P 25/24 7C07D 211/88  
[25] EN  
[54] NOVEL PIPERIDIN-2,6-DIONE BISULPHATE SALTS AND THEIR USE FOR THE TREATMENT OF STRESS-RELATED AFFECTIVE DISORDERS  
[54] NOVEAUX SELS D'HYDROGENOSULFATE PIPERIDINE-2,6-DIONE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES AFFECTIFS EN RAPPORT AVEC LE STRESS  
[72] GITTO, MAURICE WARD, FR  
[71] PRESTWICK SCIENTIFIC CAPITAL, INC., US  
[85] 2004-05-05  
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[87] 2003-03-13 (WO2003/020275)  
[30] GB (0120821.4) 2001-08-28

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**[21] 2,459,014**  
[13] A1

[51] Int.Cl. 7A61K 9/20 7A61K 47/00  
[25] EN  
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[54] FORME POSOLOGIQUE A ADMINISTRATION ORALE DE TYPE COMPRIME A LIBERATION MODIFIEE  
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[72] DURIG, THOMAS, US  
[71] SCOLR, INC., US  
[85] 2004-02-27  
[86] 2002-02-20 (PCT/US2002/005416)  
[87] 2003-03-27 (WO2003/024428)  
[30] US (PCT/US01/42156) 2001-09-14  
[30] US (09/997,377) 2001-11-30

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[21] 2,459,015  
[13] A1

[51] Int.Cl. 7A61K 38/22 7A23C 9/152  
[25] EN  
[54] USE OF LEPTIN FOR INFANT WITH LOW BIRTH WEIGHT FOR PREVENTION OF OBESITY  
[54] UTILISATION DE LEPTINE CHEZ LES ENFANTS DE FAIBLE POIDS A LA NAISSANCE POUR LA PREVENTION DE L'OBESITE  
[72] STOCKER, CLAIRE JOANNE, GB  
[72] CAWTHORNE, MICHAEL ANTHONY, GB  
[71] THE UNIVERSITY OF BUCKINGHAM, GB  
[85] 2004-02-27  
[86] 2002-08-28 (PCT/GB2002/003955)  
[87] 2003-03-13 (WO2003/020303)  
[30] GB (0120884.2) 2001-08-29  
[30] GB (0211936.0) 2002-05-23

[21] 2,459,040  
[13] A1

[51] Int.Cl. 7A61K 38/16 7A61K 51/00  
7G01N 33/48 7G01N 33/544  
[25] EN  
[54] METHODS OF MAKING GLYCOMOLECULES WITH ENHANCED ACTIVITIES AND USES THEREOF  
[54] PROCEDES DE FABRICATION DE GLYCOMOLECULES A ACTIVITE AMELIOREE, ET UTILISATIONS DE CES DERNIERES  
[72] SHRIVER, ZACHARY, US  
[72] SASISEKHARAN, RAM, US  
[72] VENKATARAMAN, GANESH, US  
[71] MIMEON, INC., US  
[71] VENKATARAMAN, GANESH, US  
[85] 2004-02-27  
[86] 2002-09-16 (PCT/US2002/029285)  
[87] 2003-03-27 (WO2003/025133)  
[30] US (60/322,233) 2001-09-14

[21] 2,459,077  
[13] A1

[51] Int.Cl. 7G01N 33/574 7C12N 5/10  
7C12N 15/11 7C07K 16/30 7C12N 15/62  
7C12Q 1/68 7C12N 15/85  
[25] EN  
[54] DIAGNOSIS OF CARCINOMAS  
[54] DIAGNOSTIC DE CARCINOMES  
[72] SCHUMMER, MICHEL, US  
[72] HELLSTROM, INGEGERD, US  
[72] HELLSTROM, KARL ERIK, US  
[72] LEDBETTER, JEFFREY A., US  
[72] HAYDEN-LEDBETTER, MARTHA, US  
[71] PACIFIC NORTHWEST RESEARCH INSTITUTE, US  
[85] 2004-02-27  
[86] 2002-08-29 (PCT/EP2002/009653)  
[87] 2003-03-13 (WO2003/021273)  
[30] US (60/316,537) 2001-08-29

[21] 2,459,163  
[13] A1

[51] Int.Cl. 7C09C 1/00  
[25] EN  
[54] ORGANIC-CONTAINING PARTICULATE HAVING Elevated AUTO-IGNITION TEMPERATURES  
[54] MATIERE PARTICULAIRE ORGANIQUE DOTEE DE TEMPERATURES D'AUTOCOMBUSTION ELEVEES  
[72] PETRY, VOLKER, DE  
[71] GRACE GMBH & CO. KG, DE  
[85] 2003-12-23  
[86] 2002-06-28 (PCT/EP2002/007189)  
[87] 2003-01-16 (WO2003/004570)  
[30] US (60/303,294) 2001-07-06

[21] 2,459,178  
[13] A1

[51] Int.Cl. 7C12N 1/20 7A61K 35/74  
[25] EN  
[54] LACTIC ACID PRODUCING BACTERIA FOR USE AS PROBIOTIC ORGANISMS IN THE HUMAN VAGINA  
[54] BACTERIE PRODUISANT DE L'ACIDE LACTIQUE EN TANT QU'ORGANISME PROBIOTIQUE POUR VAGIN DE FEMME  
[72] SAMUELSSON, CAROLINA, SE  
[72] KVANTA, ENDRE, SE  
[72] WEINER JIFFER, ANNA, SE  
[71] ELLEN AB, SE  
[85] 2004-02-26  
[86] 2002-09-19 (PCT/SE2002/001704)  
[87] 2003-05-08 (WO2003/038068)  
[30] SE (0103127-7) 2001-09-20

[21] 2,459,202  
[13] A1

[51] Int.Cl. 7C12N 5/00  
[25] EN  
[54] ADIPOSE-DERIVED STEM CELLS AND LATTICES  
[54] CELLULES SOUCHES PROVENANT DE TISSU ADIPEUX ET RESEAUX  
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[72] LLULL, RAMON, ES  
[72] FUTRELL, J. WILLIAM, US  
[72] KATZ, ADAM J., US  
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[72] BENHAIM, PROSPER, US  
[72] ZHU, MIN, US  
[71] THE REGENTS OF THE UNIVERSITY CALIFORNIA, US  
[85] 2004-03-01  
[86] 2002-07-31 (PCT/US2002/024374)  
[87] 2003-03-20 (WO2003/022988)  
[30] US (09/952,522) 2001-09-10

[21] 2,459,219  
[13] A1

[51] Int.Cl. 7C12Q 1/68  
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[54] METHODS OF DIAGNOSIS OF CANCER COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF CANCER  
[54] PROCEDES DE DIAGNOSTIC DU CANCER, COMPOSITIONS ET PROCEDES DE CIBLAGE DE MODULATEURS DU CANCER  
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[72] MACK, DAVID H., US  
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[25] EN  
[54] PEPTIDIC COMPOUNDS  
SELECTIVELY BINDING TO P-  
SELECTIN  
[54] COMPOSES PEPTIDIQUES SE  
FIXANT DE MANIERE SELECTIVE A  
LA P-SELECTINE  
[72] MOLENAAR, THOMAS JACOBUS  
MARIA, NL  
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[72] VAN BERKEL, THEODORUS  
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[25] EN  
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SEQUENCES AND THEIR USE IN  
METHODS FOR ACHIEVING  
PATHOGEN RESISTANCE IN PLANTS  
[54] NOUVELLES SEQUENCES  
D'ACIDES NUCLEIQUES ET LEUR  
UTILISATION DANS DES PROCEDES  
POUR OBTENIR UNE RESISTANCE  
AUX AGENTS PATHOGENES CHEZ  
DES VEGETAUX  
[72] HUECKELHOVEN, RALPH, DE  
[72] SCHULTHEISS, HOLGER, DE  
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[51] Int.Cl. 7A61L 27/38 7A61F 2/01  
7A61L 27/14 7A61M 1/14 7A61M 1/34  
[25] EN  
[54] DEVICE AND METHOD TO  
MAINTAIN VASCULARIZATION NEAR  
IMPLANT  
[54] DISPOSITIF ET PROCEDE POUR  
MAINTENIR UNE VASCULARISATION  
A PROXIMITE D'UN IMPLANT  
[72] HUMES, DAVIS H., US  
[72] FISSELL, WILLIAM H., US  
[72] BUFFINGTON, DEBORAH A., US  
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[25] EN  
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[54] DISPOSITIF DE PERFUSION ET  
MECANISME D'ENTRAINEMENT  
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[72] BOSLEY, ROBERT W., US  
[72] GRAY, JOHN F., US  
[71] MEDTRONIC MINIMED, INC., US  
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[25] EN  
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CORRESPONDING PROTEIN  
ENTITLED STEAP-1 USEFUL IN  
TREATMENT AND DETECTION OF  
CANCER  
[54] ACIDE NUCLEIQUE ET  
PROTEINE CORRESPONDANTE  
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LE TRAITEMENT ET LA DETECTION  
DU CANCER  
[72] GE, WANGMAO, US  
[72] RAITANO, ARTHUR B., US  
[72] CHALLITA-EID, PIA M., US  
[72] JAKOBOWITS, AYA, US  
[72] FARIS, MARY, US  
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[85] 2004-03-02  
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[25] EN  
[54] ANTIBODIES TO NON-  
FUNCTIONAL P2X7RECEPTOR,  
DIAGNOSIS AND TREATMENT OF  
CANCERS AND OTHER CONDITIONS  
[54] ANTICORPS AU RECEPTEUR  
P2X7 NON FONCTIONNEL,  
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CANCERS ET D'AUTRES CONDITIONS  
[72] BARDET, JULIAN ALEXANDER, AU  
[72] GIDLEY-BAIRD, ANGUS, AU  
[71] INTREAT PTY LIMITED, AU  
[85] 2004-03-03  
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[25] EN  
[54] METHOD FOR CREATING A CELL GROWTH SURFACE ON A POLYMERIC SUBSTRATE  
[54] PROCEDE PERMETTANT DE FORMER UNE SURFACE DE CROISSANCE CELLULAIRE SUR UN SUBSTRAT POLYMERIQUE  
[72] WANG, HONGMING, US  
[72] SHEN, ZHONG-HE, US  
[72] LACHANCE, OLIVA V., US  
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[71] DEEPWATER ELECTRONICS, AU  
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[13] A1

[51] Int.Cl. 7D04H 1/70  
[25] EN  
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[54] PROCEDE ET APPAREIL DE FORMATION D'UN AGREGAT DE FIBRES  
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[72] SUZUKI, ATSUSHI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2004-02-16  
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[25] EN  
[54] HUMAN IMMUNODEFICIENCY VIRUS ENVELOPE GLYCOPROTEIN MUTANTS AND USES THEREOF  
[54] MUTANTS DE GLYCOPROTEINES D'ENVELOPPE DU VIH ET LEURS UTILISATIONS  
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[72] MADDON, PAUL J., US  
[72] SANDERS, ROGIER, US  
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[25] EN  
[54] METHOD OF DIAGNOSING OR MONITORING SACCHAROMETABOLIC ERROR  
[54] PROCEDE DE DIAGNOSTIC OU DE CONTROLE D'UNE ERREUR DU METABOLISME DU SACCHAROSE  
[72] HIROSE, HIROSHI, JP  
[72] MATSUBARA, KOICHI, JP  
[72] NAKANO, YASUKO, JP  
[72] TOMITA, MOTOWO, JP  
[71] REBIO GEN, INC., JP  
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[13] A1

[51] Int.Cl. 7G01N 33/92 7G06F 19/00  
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[25] EN  
[54] METHODS OF USING QUANTITATIVE LIPID METABOLOME DATA  
[54] PROCEDE D'UTILISATION DE DONNEES QUANTITATIVES CONCERNANT LE METABOLOME LIPIDIQUE  
[72] WATKINS, STEVEN M., US  
[71] LIPOIMICS TECHNOLOGIES, INC., US  
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[25] EN  
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[72] STEINTHORSODOTTIR, VALGERDUR, IS  
[72] ANDRESSON, THORKELL, IS  
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[25] EN  
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[72] MCSWIGGEN, JAMES, US  
[72] BEIGELMAN, LEONID, US  
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[87] 2003-08-28 (WO2003/070918)  
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[54] PROCEDES DE TRAITEMENT DES MALADIES PULMONAIRES  
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[72] SMITS, GLENN J., US  
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[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US  
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[25] EN  
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[54] DISPOSITIFS ET SYSTEMES DE TELEVISION INTERACTIFS  
[72] NOBRE, LUIS, GB  
[72] GATTO, JEAN-MARIE, GB  
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[85] 2004-03-15  
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[30] US (09/932,282) 2001-08-17

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[13] A1

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[54] SYSTEMS AND METHODS FOR TERRESTRIAL REUSE OF CELLULAR SATELLITE FREQUENCY SPECTRUM  
[54] SYSTEMES ET PROCEDES DE REUTILISATION TERRESTRE DU SPECTRE DE FREQUENCES CELLULAIRES SATELLITE  
[72] KARABINIS, PETER D., US  
[71] MOBILE SATELLITE VENTURES LP, US  
[85] 2004-03-11  
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[87] 2003-03-27 (WO2003/026329)  
[30] US (60/322,240) 2001-09-14  
[30] US (10/074,097) 2002-02-12

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[13] A1

[51] Int.Cl. 7A47C 27/00 7C08J 9/18  
[25] EN  
[54] CUSHION BODY AND FOAM RESIN PARTICLES FOR FILLING CUSHION BODY  
[54] CORPS DE COUSSIN ET GARNITURE EN PARTICULES DE RESINE EXPANSEE  
[72] UENO, TADAATSU, JP  
[72] SAKODA, YASUHIRO, JP  
[72] ISHIDA, YOSHINOBU, JP  
[71] EBISUKASEI CO., LTD., JP  
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[87] 2003-04-24 (WO2003/032783)  
[30] JP (2001-314172) 2001-10-11

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[13] A1

[51] Int.Cl. 7A61N 1/05  
[25] EN  
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[54] APPAREIL ELECTRIQUE DE STIMULATION DE TISSU ET PROCEDE ASSOCIE  
[72] KING, GARY W., US  
[71] MEDTRONIC, INC., US  
[85] 2004-03-15  
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[87] 2003-05-15 (WO2003/039657)  
[30] US (10/007,508) 2001-11-07

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[25] EN  
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[54] COMPOSITIONS SECHEES PAR PULVERISATION ET PROCEDE SERVANT A LEUR PREPARATION  
[72] SUBRAMANIAM, ANANDARAMAN, US  
[72] MCIVER, ROBERT CLARK, US  
[72] BENCZEDI, DANIEL, CH  
[72] VLAD, FLORIN JOSEPH, US  
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[25] EN  
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NUCLEIC ACID POLYMERASES  
[54] POLYMERASES D'ACIDE  
NUCLEIQUE DE THERMUS  
SCOTODUCTUS  
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[72] ROZZELLE, JAMES E., US  
[71] APPLERA CORPORATION, US  
[85] 2004-03-11  
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[30] US (60/322,218) 2001-09-14  
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[25] EN  
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TROPANE: SEROTONIN  
TRANSPORTER IMAGING AGENTS  
[54] 4-HALO-  
ETHENYLPHENYL TROPANE:  
AGENTS D'IMAGERIE POUR LES  
TRANSPORTEURS DE SEROTONINE  
[72] GOODMAN, MARK M., US  
[72] MARTARELLO, LAURENT, US  
[71] EMORY UNIVERSITY, US  
[85] 2004-03-11  
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[87] 2003-04-17 (WO2003/031452)  
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7A61K 31/505 7C07D 239/70  
[25] EN  
[54] PYRIMIDINONE DERIVATIVES  
AND THEIR USE IN THE TREATMENT  
OF ATHEROSCLEROSIS  
[54] DERIVES DE PYRIMIDINONE ET  
LEUR UTILISATION DANS LE  
TRAITEMENT DE  
L'ATHEROSCLEROSE  
[72] LEACH, COLIN ANDREW, GB  
[72] PINTO, IVAN LEO, GB  
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[25] EN  
[54] 3-AMINO CARBONYL-  
SUBSTITUTED  
BENZOYL CYCLOHEXANEDIONES  
WHICH CAN BE USED AS HERBICIDES  
[54] BENZOYL CYCLOHEXANEDIONES  
SUBSTITUEES PAR 3-  
AMINOCARBONYLE POUVANT ETRE  
UTILISEES EN TANT QU'HERBICIDES  
[72] BIERINGER, HERMANN, DE  
[72] AULER, THOMAS, DE  
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[87] 2003-03-20 (WO2003/022810)  
[30] DE (101 44 529.6) 2001-09-11

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[13] A1

[51] Int.Cl. 7C07C 45/28 7C07D 309/12  
7A61K 31/231 7C07C 67/30  
[25] FR  
[54] PROCEDE DE PREPARATION DES  
HYDROXY-ACIDES GRAS INSATURES  
ET DE LEURS ESTERS, LEUR  
UTILISATION DANS DES  
PREPARATIONS  
PHARMACEUTIQUES ET/OU  
COSMETIQUES  
[54] METHOD FOR PREPARING  
UNSATURATED FATTY HYDROXY-  
ACIDS AND ESTERS THEREOF, THEIR  
USE IN PHARMACEUTICAL AND/OR  
COSMETIC COMPOSITIONS  
[72] PICOT, FRANCOISE, FR  
[72] POTIER, PIERRE, FR  
[72] BRAYER, JEAN-LOUIS, FR  
[71] POTIER, PIERRE, FR  
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[87] 2003-03-20 (WO2003/022787)  
[30] FR (01/11815) 2001-09-12

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[21] **2,459,762**  
[13] A1

[51] Int.Cl. 7B65D 41/22  
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LA CONSERVATION DE PRODUITS  
PERISSABLES  
[54] METHOD AND DEVICE FOR  
PRESERVING PERISHABLE  
PRODUCTS  
[72] VEILLON, JACQUES, FR  
[71] IBI, FR  
[85] 2004-03-11  
[86] 2002-09-13 (PCT/FR2002/003133)  
[87] 2003-03-20 (WO2003/022702)  
[30] FR (01/11828) 2001-09-13  
[30] FR (02/02650) 2002-03-01  
[30] FR (02/03950) 2002-03-28

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[13] A1

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7C07D 413/12 7C07D 413/14 7A61K 31/  
422  
[25] EN  
[54] OXAZOLIDINONE AND/OR  
ISOXAZOLINE AS ANTIBACTERIAL  
AGENTS  
[54] OXAZOLIDINONE ET/OU  
ISOXAZOLINE UTILISES COMME  
AGENTS ANTIBACTERIELS  
[72] GRAVESTOCK, MICHAEL BARRY,  
US  
[72] HALES, NEIL JAMES, US  
[72] SWAIN, MICHAEL LINGARD, GB  
[72] HAUCK, SHEILA IRENE, US  
[72] MILLS, STUART DENNETT, GB  
[71] ASTRAZENECA AB, SE  
[85] 2004-03-10  
[86] 2002-09-09 (PCT/GB2002/004120)  
[87] 2003-03-20 (WO2003/022824)  
[30] GB (0121942.7) 2001-09-11  
[30] GB (0215420.1) 2002-07-04

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[13] A1

[51] Int.Cl. 7A46B 3/16  
[25] EN  
[54] CLEANING ELEMENT FOR  
BROOMS OR BRUSHES  
[54] ELEMENT NETTOYANT POUR  
BALAIS ET BROSSES  
[72] SARTORI, FRANCESCO, IT  
[71] SARTORI, FRANCESCO, IT  
[85] 2004-03-11  
[86] 2002-08-05 (PCT/IB2002/003094)  
[87] 2003-04-03 (WO2003/026460)  
[30] IT (BO01A000578) 2001-09-21

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[13] A1

[51] Int.Cl. 7G01N 31/12 7G01N 1/00  
[25] EN  
[54] SAMPLER FOR AUTOMATIC  
ELEMENTAL ANALYSERS  
[54] ECHANTILLONNEUR POUR  
ANALYSEURS D'ELEMENTS  
AUTOMATIQUES  
[72] BOURSIER NIUTTA, STEFANO, IT  
[72] SISTI, LEONARDO M., IT  
[71] EUROVECTOR S.P.A., IT  
[85] 2004-03-11  
[86] 2002-09-18 (PCT/IB2002/003836)  
[87] 2003-03-27 (WO2003/025560)  
[30] IT (TO2001U000175) 2001-09-19

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[13] A1

[51] Int.Cl. 7A61B 18/02  
[25] EN  
[54] CRYOGENIC MEDICAL DEVICE  
WITH HIGH PRESSURE RESISTANCE  
TIP  
[54] DISPOSITIF MEDICAL  
CRYOGENIQUE DOTE D'UNE  
EXTREMITE A HAUTE RESISTANCE A  
LA PRESSION  
[72] CIOBOTARU, CONSTANTIN-  
BOGDAN, CA  
[72] LALONDE, JEAN-PIERRE, CA  
[72] ABOUD, MARWAN, CA  
[71] CRYOCATH TECHNOLOGIES, INC.,  
CA  
[85] 2004-03-11  
[86] 2002-09-23 (PCT/IB2002/003931)  
[87] 2003-04-10 (WO2003/028569)  
[30] US (09/965,208) 2001-09-27

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[13] A1

[51] Int.Cl. 7A61K 31/44 7A61K 31/4425  
7A61K 31/47 7C07D 215/60 7C07D 213/89  
[25] EN  
[54] ANTIVESICANT COMPOUNDS  
AND METHODS OF MAKING AND  
USING THEREOF  
[54] COMPOSES ANTIVESICANTS ET  
PROCEDES DE FABRICATION ET  
D'UTILISATION ASSOCIES  
[72] BABIN, MICHAEL C., US  
[72] LIN, AI J., US  
[71] U.S. ARMY MEDICAL RESEARCH  
AND MATERIEL COMMAND, US  
[85] 2004-03-11  
[86] 2001-07-26 (PCT/US2001/023562)  
[87] 2003-02-13 (WO2003/011292)

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[13] A1

[51] Int.Cl. 7B01D 71/62 7H01M 8/10  
7C08J 5/22  
[25] EN  
[54] PROTON-CONDUCTING  
MEMBRANE AND THE USE OF THE  
SAME  
[54] MEMBRANE CONDUCTRICE DE  
PROTONS ET SON UTILISATION  
[72] KIEFER, JOACHIM, DE  
[72] UENSAL, OEMER, DE  
[72] SANSONE, MICHAEL J., US  
[72] CALUNDANN, GORDON, US  
[71] CELANESE VENTURES GMBH, DE  
[85] 2004-03-10  
[86] 2002-08-29 (PCT/EP2002/009629)  
[87] 2003-03-20 (WO2003/022412)  
[30] DE (101 44 815.5) 2001-09-12

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[13] A1

[51] Int.Cl. 7B62M 23/02 7B62K 15/00  
7B62M 9/16 7B62H 5/20  
[25] EN  
[54] CYCLE WITH AUXILIARY  
PROPULSION  
[54] BICYCLETTE A PROPULSION  
AUXILIAIRE  
[72] VAN EERD, VINCENT FRANS  
JOZEF, NL  
[72] RIP, BOUDEWIJN, NL  
[71] SPARTA B.V., NL  
[85] 2004-03-10  
[86] 2002-09-13 (PCT/NL2002/000587)  
[87] 2003-03-20 (WO2003/022671)  
[30] NL (1018948) 2001-09-13

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[13] A1

[51] Int.Cl. 7C07H 17/00 7C07K 14/00  
[25] EN  
[54] SPIDER SILK PROTEIN  
ENCODING NUCLEIC ACIDS,  
POLYPEPTIDES, ANTIBODIES AND  
METHOD OF USE THEREOF  
[54] ACIDES NUCLEIQUES CODANT  
DES PROTEINES DE SOIE  
D'ARAGNEE, POLYPEPTIDES DE  
SOIE D'ARAGNEE, ANTICORPS  
SPECIFIQUES DES POLYPEPTIDES DE  
SOIE D'ARAGNEE ET LEURS  
PROCEDES D'UTILISATION  
[72] MOTRIUK, DAGMARA, US  
[72] GATESY, JOHN E., US  
[72] HAYASHI, CHERYL Y., US  
[72] LEWIS, RANDOLPH V., US  
[71] UNIVERSITY OF WYOMING, US  
[85] 2004-02-25  
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7A61P 37/00 7A61P 33/02 7A61P 31/12  
7A61K 31/29  
[25] EN  
[54] THERAPEUTIC COMPOSITIONS AND METHODS USEFUL IN MODULATING PROTEIN TYROSINE PHOSPHATASES  
[54] COMPOSITIONS ET METHODES THERAPEUTIQUES UTILES POUR LA MODULATION DE PROTEINES TYROSINES PHOSPHATASES  
[72] YI, TAOLIN, US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2004-03-05  
[86] 2002-09-09 (PCT/US2002/028592)  
[87] 2003-08-28 (WO2003/070158)  
[30] US (60/317,993) 2001-09-07

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[13] A1

[51] Int.Cl. 7H04H 1/04 7H04H 1/00  
7H04J 1/00  
[25] EN  
[54] SYSTEM AND METHOD FOR SELECTIVELY ENABLING TRANSMIT/RECEIVE MODES OF A RADIO TRANSCEIVER  
[54] SYSTEME ET PROCEDE POUR ACTIVER SELECTIVEMENT DES MODES D'EMISSION / RECEPTION D'UN EMETTEUR / RECEPTEUR RADIO  
[72] DWORNIK, GLEN A., US  
[71] HARRIS BROADBAND WIRELESS ACCESS, INC., US  
[85] 2003-12-29  
[86] 2002-06-24 (PCT/US2002/020014)  
[87] 2003-01-09 (WO2003/003627)  
[30] US (09/893,430) 2001-06-29

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[13] A1

[51] Int.Cl. 7H01Q 1/12  
[25] EN  
[54] GEARED ANTENNA AIMING SYSTEM AND METHOD  
[54] PROCEDE ET SYSTEME DE POINTAGE D'ANTENNE A ENGRENAGE  
[72] OVERTON, STEVEN, R., US  
[71] HARRIS BROADBAND WIRELESS ACCESS, INC., US  
[85] 2003-12-29  
[86] 2002-06-13 (PCT/US2002/018619)  
[87] 2003-01-09 (WO2003/003504)  
[30] US (09/893,013) 2001-06-28

**[21] 2,459,801**  
[13] A1

[51] Int.Cl. 7A61L 31/06  
[25] EN  
[54] POLY (L-LACTIDE-CO-GLYCOLIDE) COPOLYMERS AND MEDICAL DEVICES CONTAINING SAME  
[54] COPOLYMERES POLY(L-LACTIDE-CO-GLYCOLIDE), PROCEDES DE PRODUCTION ET UTILISATION DE CES COPOLYMERES ET DISPOSITIFS CONTENANT CES COPOLYMERES  
[72] GOGOLEWSKI, SYLWESTER, CH  
[71] SYNTHES (U.S.A.), US  
[71] SYNTHES AG CHUR, CH  
[85] 2004-03-05  
[86] 2002-09-04 (PCT/IB2002/003588)  
[87] 2003-03-13 (WO2003/020330)  
[30] US (09/945,704) 2001-09-05

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[13] A1

[51] Int.Cl. 7G10H 1/00  
[25] EN  
[54] SYSTEM FOR TRANSMITTING DIGITAL AUDIO DATA BETWEEN A MASTER UNIT AND SLAVE UNITS  
[54] SYSTEME DE TRANSMISSION NUMERIQUE DE DONNEES AUDIO ENTRE UN MODULE MAITRE ET DES MODULES ESCLAVES  
[72] ANSADE, YVES, FR  
[72] WEBER, JEREMIE, FR  
[72] MARINESCU, MIRIAN, FR  
[71] DIGIGRAM, FR  
[85] 2004-03-05  
[86] 2002-09-03 (PCT/FR2002/003004)  
[87] 2003-03-20 (WO2003/023759)  
[30] FR (01/11656) 2001-09-10

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[13] A1

[51] Int.Cl. 7C12N 9/10 7A01H 1/00  
7A01H 5/00 7C12N 9/00 7C12N 5/04  
7C12N 5/10 7C12N 15/82  
[25] EN  
[54] METHOD FOR INCREASING STRESS TOLERANCE IN PLANTS  
[54] PROCEDE POUR ACCROITRE LA RESISTANCE AU STRESS CHEZ LES PLANTES  
[72] XIONG, LIMING, US  
[72] ZHU, JIAN-KANG, US  
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US  
[85] 2004-03-05  
[86] 2002-09-06 (PCT/US2002/025964)  
[87] 2003-03-20 (WO2003/022032)  
[30] US (60/317,724) 2001-09-06

**[21] 2,459,809**  
[13] A1

[51] Int.Cl. 7G06F 17/50  
[25] EN  
[54] SYSTEM AND METHOD FOR MAKING COMPLEX ELECTRONIC CIRCUITS  
[54] SYSTEME ET PROCEDE DE FABRICATION DE CIRCUITS ELECTRONIQUES COMPLEXES  
[72] GARINO, PIERANGELO, IT  
[72] TUROLLA, MAURA, IT  
[72] RUSCITTO, ALFREDO, IT  
[72] RICCIATO, FABIO, IT  
[72] VARRIALE, ANTONIO, IT  
[71] TELECOM ITALIA S.P.A., IT  
[85] 2004-03-05  
[86] 2002-07-09 (PCT/IT2002/000450)  
[87] 2003-01-23 (WO2003/007195)  
[30] IT (TO01A000667) 2001-07-10  
[30] IT (TO01A000794) 2001-08-07

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[13] A1

[51] Int.Cl. 7A61M 5/315  
[25] EN  
[54] INJECTOR  
[54] INJECTEUR  
[72] ICHIKAWA, KAZUHIRO, JP  
[72] CHIBA, ATSUSHI, JP  
[71] KABUSHIKI KAISHA TOP, JP  
[85] 2004-03-05  
[86] 2002-05-09 (PCT/JP2002/004519)  
[87] 2003-12-19 (WO2002/100464)  
[30] JP (2001-170756) 2001-06-06  
[30] JP (2002-104334) 2002-04-05

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[13] A1

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7A61M 29/00 7A61B 17/14  
[25] EN  
[54] SURGICAL ACCESS DEVICE  
[54] DISPOSITIF D'ACCES  
CHIRURGICAL  
[72] WYSOKI, MICHAEL, US  
[71] YALE UNIVERSITY, US  
[85] 2004-03-05  
[86] 2002-09-05 (PCT/US2002/028057)  
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[30] US (09/946,348) 2001-09-06

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**[21] 2,459,819**  
[13] A1

[51] Int.Cl. 7F01K 13/02 7G05B 13/00  
[25] EN  
[54] METHOD FOR OPTIMIZING A  
LARGE-SCALE INDUSTRIAL  
FACILITY, ESPECIALLY A POWER  
PLANT  
[54] PROCEDE D'OPTIMISATION  
D'UNE INSTALLATION D'ECHELLE  
INDUSTRIELLE, NOTAMMENT D'UNE  
CENTRALE ELECTRIQUE  
[72] SCHUELE, VOLKER, DE  
[72] GIETZ, MANFRED, DE  
[72] KITZMANN, EWALD, DE  
[72] BIRD, ALAN, DE  
[71] ALSTOM TECHNOLOGY LTD., CH  
[85] 2004-03-11  
[86] 2002-09-12 (PCT/EP2002/010223)  
[87] 2003-03-20 (WO2003/023195)  
[30] DE (101 44 813.9) 2001-09-12

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[13] A1

[51] Int.Cl. 7A61K 31/55 7A61P 35/02  
7A61K 31/506  
[25] EN  
[54] TREATMENT OF CHRONIC  
MYELOGENOUS LEUKEMIA,  
RESISTANT OR INTOLERANT TO  
STI571, INVOLVING  
HOMOHARRINGTONINE ALONE OR  
COMBINED WITH OTHER AGENTS  
[54] TRAITEMENT DE LA LEUCEMIE  
MYELOIDIQUE CHRONIQUE,  
RESISTANTE OU INTOLERANTE AU  
STI571, IMPLIQUANT  
L'HOMOHARRINGTONINE SEUL OU  
EN COMBINAISON AVEC D'AUTRES  
AGENTS  
[72] MALOISEL, FREDERICK, FR  
[72] ROBIN, JEAN-PIERRE, FR  
[72] BLANCHARD, JULIE, FR  
[72] MAHON, FRANCOIS-XAVIER, FR  
[72] MAISONNEUVE, HERVE, FR  
[71] ONCOPHARM CORPORATION, US  
[85] 2004-03-05  
[86] 2002-09-05 (PCT/IB2002/003992)  
[87] 2003-03-13 (WO2003/020252)  
[30] US (60/316,967) 2001-09-05

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[13] A1

[51] Int.Cl. 7B65H 19/10  
[25] EN  
[54] COVER STRIP  
[54] BANDE DE PROTECTION  
[72] EIKMEIER, MARKUS, DE  
[72] GASSNER, THOMAS, DE  
[72] BEUSCH, KARL-HEINZ, DE  
[72] GEBBEKEN, BERNHARD, DE  
[72] NAGEL, CHRISTOPH, DE  
[71] TESA AG, DE  
[85] 2004-03-05  
[86] 2001-09-26 (PCT/EP2001/011122)  
[87] 2003-04-10 (WO2003/029119)

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**[21] 2,459,829**  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] EN  
[54] SYSTEM AND METHOD FOR  
PROVIDING TWO-WAY  
COMMUNICATIONS NETWORK  
TRANSMISSIONS OVER INTERNET  
PROTOCOL  
[54] SYSTEME ET PROCEDE POUR  
METTRE EN OEUVRE LES  
TRANSMISSIONS EN RESEAU DE  
COMMUNICATIONS DUPLEX  
UTILISANT LE PROTOCOLE  
INTERNET  
[72] FISHLER, EYAL, IL  
[71] TERSYNC LTD., IL  
[85] 2004-03-05  
[86] 2002-08-22 (PCT/IL2002/000700)  
[87] 2003-03-13 (WO2003/021372)  
[30] IL (PCT/IL01/00846) 2001-09-06

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[13] A1

[51] Int.Cl. 7A61K 31/343 7A61P 9/12  
[25] EN  
[54] CITALOPRAM FOR THE  
TREATMENT OF ELEVATED BLOOD  
PRESSURE  
[54] UTILISATION DE CITALOPRAM  
POUR LE TRAITEMENT DE  
L'HYPERTENSION  
[72] GABOR, PAL S., HU  
[71] EGIS GYOGYSZERGYAR RT., HU  
[85] 2004-03-05  
[86] 2003-03-13 (PCT/HU2003/000021)  
[87] 2003-09-18 (WO2003/075914)  
[30] HU (P 0200980) 2002-03-14

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7A61K 38/43 7A61K 31/4535 7A61K 47/48  
7A61K 31/60 7A61K 31/7088 7A61K 31/  
795  
[25] EN  
[54] OLIGO(ETHYLENE GLYCOL)-  
TERMINATED 1,2-DITHIOLANES AND  
THEIR CONJUGATES USEFUL FOR  
PREPARING SELF-ASSEMBLED  
MONOLAYERS  
[54] 1,2-DITHIOLANES A  
TERMINAISON OLIGO(ETHYLENE  
GLYCOL) ET LEURS CONJUGUES  
UTILES DANS LA PREPARATION DE  
MONOCOUCHES AUTO-ASSEMBLÉES  
[72] NELSON, DEANNA JEAN, US  
[71] NELSON, DEANNA JEAN, US  
[85] 2004-03-05  
[86] 2002-09-05 (PCT/US2002/025961)  
[87] 2003-09-25 (WO2003/079403)  
[30] US (09/946,023) 2001-09-05  
[30] US (10/115,558) 2002-04-03

[21] **2,459,859**  
[13] A1

[51] Int.Cl. 7G08C 23/04  
[25] EN  
[54] TWO WAY COMMUNICATION  
USING LIGHT LINKS  
[54] COMMUNICATION  
BIDIRECTIONNELLE UTILISANT DES  
LIAISONS LUMINEUSES  
[72] DRESTI, MAURO, US  
[72] HAYES, PATRICK H., US  
[72] YUN, YOUPING (EDWARD), US  
[71] UNIVERSAL ELECTRONICS INC.,  
US  
[85] 2004-03-04  
[86] 2002-06-12 (PCT/US2002/018668)  
[87] 2003-04-03 (WO2003/028384)  
[30] US (09/967,069) 2001-09-27

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[13] A1

[51] Int.Cl. 7B23Q 11/10 7B23Q 17/09  
7B23Q 17/24  
[25] EN  
[54] AN APPARATUS AND METHOD OF  
CRYOGENIC COOLING FOR HIGH-  
ENERGY CUTTING OPERATIONS  
[54] APPAREIL ET PROCEDE DE  
REFROIDISSEMENT CRYOGENIQUE  
POUR DES OPERATIONS DE DECOUPE  
D'ENERGIE ELEVEE  
[72] ZURECKI, ZBIGNIEW, US  
[72] HARRIOTT, GEORGE MATTHEW,  
US  
[72] SWAN, ROBERT BRUCE, US  
[72] FREY, JOHN HERBERT, US  
[72] ZHANG, XIAOGUANG, US  
[71] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[85] 2004-03-08  
[86] 2002-08-29 (PCT/US2002/027548)  
[87] 2003-03-20 (WO2003/022517)  
[30] US (09/951,195) 2001-09-13

[21] **2,459,866**  
[13] A1

[51] Int.Cl. 7C07D 409/04 7G02B 5/23  
[25] EN  
[54] PHOTOCROMIC BIS-  
NAPHTHOPYRAN COMPOUNDS AND  
METHODS FOR THEIR  
MANUFACTURE  
[54] COMPOSES PHOTOCROMES DE  
BIS-NAPHTHOPYRAN ET LEUR  
PROCEDE DE FABRICATION  
[72] ZHAO, WEILI, CH  
[72] CARRIERA, ERIK M., CH  
[71] JOHNSON & JOHNSON VISION  
CARE, INC., US  
[85] 2004-03-04  
[86] 2002-08-13 (PCT/US2002/025669)  
[87] 2003-03-13 (WO2003/020718)  
[30] US (09/945,897) 2001-09-04

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[13] A1

[51] Int.Cl. 7A61M 15/00  
[25] EN  
[54] ADAPTORS FOR INHALERS TO  
IMPROVE PERFORMANCE  
[54] ADAPTATEURS DESTINES A DES  
INHALATEURS POUR AMELIORER  
LES PERFORMANCES  
[72] ABRAMS, ANDREW L., US  
[72] GUMASTE, ANAND V., US  
[71] MICRODOSE TECHNOLOGIES, INC.,  
US  
[85] 2004-03-05  
[86] 2002-09-06 (PCT/US2002/030308)  
[87] 2003-03-20 (WO2003/022332)  
[30] US (60/317,706) 2001-09-06

[21] **2,459,870**  
[13] A1

[51] Int.Cl. 7B29C 63/02 7A47J 47/00  
[25] EN  
[54] PROCESSING METHOD USING A  
FILM MATERIAL  
[54] PROCEDE DE TRAITEMENT A  
L'AIDE D'UN MATERIAU  
PELICULAIRE  
[72] MARTIN, FREDERICK H., US  
[72] GRISSMEYER, JULIE M., US  
[72] PORCHIA, JOSE, US  
[72] TAYLOR, PAMELA J., US  
[71] S. C. JOHNSON HOME STORAGE,  
INC., US  
[85] 2004-03-08  
[86] 2002-09-06 (PCT/US2002/028423)  
[87] 2003-03-20 (WO2003/022553)  
[30] US (09/948,642) 2001-09-07

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[13] A1

[51] Int.Cl. 7B29C 71/00 7B29C 47/00  
[25] EN  
[54] METHOD OF PRODUCING AN  
ELECTRICALLY CHARGED FILM  
[54] PROCEDE DE PRODUCTION D'UN  
FILM CHARGE ELECTRIQUEMEN  
[72] MARTIN, FREDERICK H., US  
[72] PORCHIA, JOSE, US  
[72] GRISSMEYER, JULIE M., US  
[71] S. C. JOHNSON HOME STORAGE,  
INC., US  
[85] 2004-03-08  
[86] 2002-09-06 (PCT/US2002/028412)  
[87] 2003-03-20 (WO2003/022555)  
[30] US (09/948,643) 2001-09-07

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[72] BLAKE, ROBERT A., US  
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[72] GUAN, HUIPING, US  
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[25] EN  
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[54] BIOXYDES DE THIOPHENYLTHIOPYRANE INHIBITEURS DU MMP- OU DU TNF-ALPHA  
[72] NEYA, MASAHIRO, JP  
[72] SAWADA, AKIHIKO, JP  
[72] OHNE, KAZUHIKO, JP  
[72] ABE, YOSHITO, JP  
[72] ISHIBASHI, NAOKI, JP  
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[54] COMPOSITIONS DE CAOUTCHOUC ET PROCEDE PERMETTANT D'AUGMENTER LA VALEUR DE GRILLAGE MOONEY  
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[72] HANNON, MARTIN J., US  
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[71] UNIROYAL CHEMICAL COMPANY, INC., US  
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[72] YING, WEIWEN, US  
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[72] ONO, MITSUNORI, US  
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[54] POMPE A METAL EN FUSION ET FOUR A CET EFFET  
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[71] PREMELT PUMP, INC., US  
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[72] WARREN, KELCY L., US  
[71] ENERGY TRANSFER GROUP, L.L.C., US  
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[54] APPAREIL ET PROCEDE D'ACQUISITION DE DONNEES SISMIQUES  
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[72] BRISTOW, DAVID, US  
[72] JOHNSON, ALLAN, US  
[72] SCHUMACHER, DANIEL, US  
[72] FESZTHAMMER, ANDRAS, US  
[72] CREWS, GARY, US  
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[54] PROCEDE D'AJUSTAGE EFFICACE DE RESISTANCES FAISANT APPEL A UN CHAUFFAGE IMPULSIONNEL ET A UNE LOCALISATION DE LA CHALEUR  
[72] FROLOV, GENNADIY, CA  
[72] LANDSBERGER, LESLIE M., CA  
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[54] PROCEDE ET APPAREIL D'EXTRUSION DESTINES A PRODUIRE UN CABLE  
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[72] BELLI, SERGIO, IT  
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[25] FR  
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[54] METHOD AND DEVICE FOR COMPRESSING DATA TO BE TRANSMITTED AT CONSTANT BIT RATE  
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[54] DETECTION DE POSITION ET LOCALISATION DANS UN RESEAU SANS FIL  
[72] CHERY, YONALD, US  
[72] PENDEN, JEFFREY J., II, US  
[72] GRAY, MATTHEW K., US  
[71] NEWBURY NETWORKS, INC., US  
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[72] GRISSMEYER, JULIE M., US  
[72] TAYLOR, PAMELA J., US  
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[71] SIMPLYTHICK LLC, US  
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[72] DORFE, STEVEN GEORGE, US  
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[72] DESJOYAUX, PIERRE-LOUIS, FR  
[72] JANDROS, CATHERINE, FR  
[72] DESJOYAUX, JEAN-LOUIS, FR  
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[72] CONROY, PETER J., US  
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[54] PALETTE MAGNETIQUE DESTINEE A L'ANCRAGE DES PIECES FERROMAGNETIQUES USINEES PAR MACHINES-Outils A AXE HORIZONTAL DE L'OUTIL  
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[54] PROCEDE DE PROTECTION D'UNE SURFACE  
[72] PORCHIA, JOSE, US  
[72] TAYLOR, PAMELA J., US  
[72] GRISSMEYER, JULIE M., US  
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[71] S. C. JOHNSON HOME STORAGE, INC., US  
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[25] EN  
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[54] CREATION ET MISE EN OEUVRE D'UN PROTOCOLE DE COMMUNICATION ET D'UNE INTERFACE DE TRANSFERT DE SIGNAUX A HAUT DEBIT  
[72] ZOU, QIUZHEN, US  
[72] WILEY, GEORGE ALAN, US  
[72] STEELE, BRIAN, US  
[71] QUALCOMM INCORPORATED, US  
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[87] 2003-03-20 (WO2003/023587)  
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[54] ANDROSTANES TENANT LIEU DE MODULATEURS DE RECEPTEUR D'ANDROGENE  
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[71] MERCK & CO., INC., US  
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[54] PROCEDE ET SYSTEME DE LOCALISATION D'EMETTEURS  
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[72] BENNINGHOFEN, BENJAMIN, DE  
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[54] METHODS OF SCREENING MOLECULES THAT ARE USED TO PREVENT CARDIOVASCULAR DISEASES  
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[72] MAJD, ZOUHER, FR  
[71] GENFIT, FR  
[85] 2004-03-04  
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[54] COMPOSITIONS AND METHODS FOR AA4RP ASSAY  
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[72] MAJD, ZOUHER, FR  
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[85] 2004-03-04  
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[87] 2003-03-20 (WO2003/023408)  
[30] FR (01/11598) 2001-09-07  
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[71] INSULET CORPORATION, US  
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[54] METHOD AND APPARATUS FOR TREATING UNDERGROUND PIPELINE  
[54] PROCEDE ET APPAREIL D'ENTRETIEN DE CANALISATION SOUTERRAINE  
[72] WINIEWICZ, ANTHONY E., US  
[72] NICHOLS, RANDALL A., US  
[71] NEUCO, INC., US  
[85] 2004-03-08  
[86] 2002-09-13 (PCT/US2002/029538)  
[87] 2003-03-27 (WO2003/024624)  
[30] US (60/323,342) 2001-09-18

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[21] 2,459,954  
[13] A1

[51] Int.Cl. 7H04R 3/00  
[25] EN  
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[54] ECHAPPEMENT PASSIF ET ACTIF POUR LA RESONANCE SONORE  
[72] PERRICHON, CLAUDE-ANNIE, FR  
[72] PICCALUGA, PIERRE, FR  
[72] LECOCQ, PATRICK, FR  
[71] ADVANCE TECHNOLOGY AUDIO ORGANISATION S.A. (ATAO), LU  
[85] 2004-03-05  
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[87] 2003-03-20 (WO2003/024150)  
[30] FR (01/11455) 2001-09-05

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[21] 2,459,955  
[13] A1

[51] Int.Cl. 7H04Q 7/30  
[25] EN  
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[54] SYSTEME DE COMMUNICATIONS SANS FIL A COMMANDE VOCALE, ET PROCEDE CORRESPONDANT  
[72] SHOSTAK, ROBERT, US  
[71] VOCERA COMMUNICATIONS, INC., US  
[85] 2004-03-04  
[86] 2002-09-04 (PCT/US2002/028096)  
[87] 2003-03-13 (WO2003/021990)  
[30] US (09/947,235) 2001-09-05

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[21] 2,459,957  
[13] A1

[51] Int.Cl. 7C12N 5/00  
[25] EN  
[54] CULTURE SYSTEM FOR RAPID EXPANSION OF HUMAN EMBRYONIC STEM CELLS  
[54] SYSTEME DE CULTURE PERMETTANT D'OBTENIR UNE EXPANSION RAPIDE DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES  
[72] GOLD, JOSEPH D., US  
[72] CARPENTER, MELISSA K., US  
[72] MANDALAM, RAMKUMAR, US  
[72] XU, CHUNHUI, US  
[71] GERON CORPORATION, US  
[85] 2004-03-04  
[86] 2002-09-05 (PCT/US2002/028200)  
[87] 2003-03-13 (WO2003/020920)  
[30] US (60/317,478) 2001-09-05  
[30] US (10/235,094) 2002-09-04

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[21] 2,459,958  
[13] A1

[51] Int.Cl. 7H01S 5/34  
[25] EN  
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[54] LASER UNIPOLAIRE A CASCADE QUANTIQUE  
[72] KOLER, KLAUS, DE  
[72] YANG, QUANKUI, DE  
[72] SCHNEIDER, HARALD, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2004-03-05  
[86] 2002-09-06 (PCT/EP2002/010019)  
[87] 2003-03-20 (WO2003/023909)  
[30] DE (101 43 956.3) 2001-09-07

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[21] 2,459,960  
[13] A1

[51] Int.Cl. 7C07D 471/04  
[25] EN  
[54] SUBSTITUTED IMIDAZO[1, 2-A]-5, 6, 7, 8-TETRAHYDROPYRIDINE-8-ONES, METHOD FOR THEIR PRODUCTION AND THE USE THEREOF FOR PRODUCING IMIDAZO[1, 2-A]PYRIDINES  
[54] IMIDAZO [1, 2-A]-5, 6, 7, 8-TETRAHYDROPYRIDIN-8-ONES SUBSTITUEES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LA PRODUCTION D'IMIDAZO [1, 2-A] PYRIDINES  
[72] WEIGL, HAGEN, DE  
[72] EBEL, KLAUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-03-08  
[86] 2002-09-03 (PCT/EP2002/009813)  
[87] 2003-03-27 (WO2003/024963)  
[30] DE (101 45 457.0) 2001-09-14

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[21] 2,459,962  
[13] A1

[51] Int.Cl. 7C22B 15/00  
[25] EN  
[54] METHOD FOR THE PRODUCTION OF BLISTER COPPER  
[54] PROCEDE DE FABRICATION DE CUIVRE BRUT  
[72] KOJO, ILKKA, FI  
[72] HANNIALA, PEKKA, FI  
[72] CABALLERO DERAMOND, CARLOS, CL  
[72] ACUNA ROJAS, CESAR, CL  
[71] OUTOKUMPU OYJ, FI  
[85] 2004-03-08  
[86] 2002-09-20 (PCT/FI2002/000748)  
[87] 2003-03-27 (WO2003/025236)  
[30] FI (20011859) 2001-09-21

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[13] A1

[51] Int.Cl. 7F15B 20/00 7E21C 35/04  
[25] EN  
[54] METHOD FOR RESTRICTING LEAKAGE OF HYDRAULIC OIL IN A ROCK DRILLING RIG  
[54] PROCEDE POUR REDUIRE LES FUITES D'HUILE HYDRAULIQUE D'UN APPAREIL DE FORAGE DE ROCHE  
[72] GRAHN, FREDRIK, SE  
[72] LINDQVIST, THOMAS, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2004-03-08  
[86] 2002-09-13 (PCT/SE2002/001643)  
[87] 2003-03-27 (WO2003/025402)  
[30] SE (0103083-2) 2001-09-18

[21] 2,459,967  
[13] A1

[51] Int.Cl. 7H05B 33/00  
[25] EN  
[54] VOLTAGE DIMMABLE LED DISPLAY PRODUCING MULTIPLE COLORS  
[54] AFFICHEUR A INCANDESCENCE A INTENSITE COMMANDEE PAR LA TENSION PRODUISANT PLUSIEURS COULEURS  
[72] COLEY, CRAIG J., US  
[72] GUTHRIE, DON W., US  
[71] AEROSPACE OPTICS, INC., US  
[85] 2004-03-05  
[86] 2002-09-04 (PCT/IB2002/003583)  
[87] 2003-03-20 (WO2003/024157)  
[30] US (09/949,139) 2001-09-07

[21] 2,459,968  
[13] A1

[51] Int.Cl. 7H05B 33/08  
[25] EN  
[54] POWER EFFICIENT LED DRIVER QUIESCENT CURRENT LIMITING CIRCUIT CONFIGURATION  
[54] CONFIGURATION DE CIRCUIT DE LIMITATION DE COURANT DE REPOS D'ALIMENTATION DE DEL A RENDEMENT ELEVE  
[72] COLEY, CRAIG J., US  
[72] GUTHRIE, DON W., US  
[71] AEROSPACE OPTICS, INC., US  
[85] 2004-03-05  
[86] 2002-09-04 (PCT/IB2002/003584)  
[87] 2003-03-20 (WO2003/024158)  
[30] US (09/949,213) 2001-09-07

[21] 2,459,969  
[13] A1

[51] Int.Cl. 7A61K 39/00 7C12N 5/08  
7A61K 35/14 7A61K 39/38  
[25] EN  
[54] AUTOLOGOUS T-CELL VACCINES MATERIALS AND METHOD  
[54] MATERIAUX DE VACCIN A BASE DE LYMPHOCYTES T AUTOLOGUES ET LEUR METHODE DE PRODUCTION  
[72] ZHANG, JINGWU, US  
[71] OPEXA PHARMACEUTICALS, INC., US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[85] 2004-03-09  
[86] 2002-09-12 (PCT/US2002/028874)  
[87] 2003-03-27 (WO2003/024393)  
[30] US (09/952,532) 2001-09-14

[21] 2,459,970  
[13] A1

[51] Int.Cl. 7H05B 33/08  
[25] EN  
[54] FAULT TOLERANT LED DISPLAY  
[54] AFFICHAGE A DIODES ELECTROLUMINESCENTES (DEL) INSENSIBLE AUX DEFAILLANCES  
[72] GUTHRIE, DON W., US  
[72] COLEY, CRAIG J., US  
[71] AEROSPACE OPTICS, INC., US  
[85] 2004-03-05  
[86] 2002-09-04 (PCT/IB2002/003585)  
[87] 2003-03-20 (WO2003/024159)  
[30] US (09/949,370) 2001-09-07

[21] 2,459,973  
[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 3/04  
7A61K 31/437  
[25] EN  
[54] CARBAZOLE DERIVATIVES AND THEIR USE AS NPY5 RECEPTOR ANTAGONISTS  
[54] DERIVES DE CARBAZOLE ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS NPY5  
[72] FOOTE, KEVIN MICHAEL, GB  
[72] BLOCK, MICHAEL HOWARD, US  
[72] BRAILSFORD, WAYNE, SE  
[71] ASTRAZENECA AB, SE  
[85] 2004-03-09  
[86] 2002-09-09 (PCT/GB2002/004109)  
[87] 2003-03-20 (WO2003/022849)  
[30] GB (0121941.9) 2001-09-11

[21] 2,459,976  
[13] A1

[51] Int.Cl. 7A61K 9/14 7A61K 9/16  
7A61K 9/50  
[25] EN  
[54] OPIOID FORMULATIONS HAVING REDUCED POTENTIAL FOR ABUSE  
[54] FORMULATIONS D'OPIOIDES PRESENTANT UN POTENTIEL REDUIT POUR DES UTILISATIONS ABUSIVES  
[72] WOODCOCK, PAUL M., US  
[72] MCCALL, TROY W., US  
[72] BAICHWAL, ANAND R., US  
[71] PENWEST PHARMACEUTICALS COMPANY, US  
[85] 2004-03-08  
[86] 2002-09-25 (PCT/US2002/030393)  
[87] 2003-04-03 (WO2003/026743)  
[30] US (60/324,546) 2001-09-26

[21] 2,459,977  
[13] A1

[51] Int.Cl. 7C02F 1/26  
[25] EN  
[54] REMOVAL OF WATER SOLUBILIZED ORGANICS  
[54] EXTRACTION DE MATIERES ORGANIQUES CONTENUES DANS L'EAU  
[72] HART, PAUL R., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-03-09  
[86] 2002-08-15 (PCT/US2002/025986)  
[87] 2003-03-20 (WO2003/022747)  
[30] US (60/322,249) 2001-09-10  
[30] US (10/008,173) 2001-11-13

[21] 2,459,978  
[13] A1

[51] Int.Cl. 7B60L 5/00 7H02J 5/00 7B61B 3/02  
[25] EN  
[54] TELpher LINE WITH CONTACTLESS ENERGY AND DATA TRANSMISSION  
[54] TRANSPORTEUR AERIEN ELECTRIQUE AVEC TRANSMISSION SANS CONTACT D'ENERGIE ET DE DONNEES  
[72] FUTSCHEK, NORBERT, DE  
[71] LJU INDUSTRIEELEKTRONIK GMBH, DE  
[85] 2004-03-08  
[86] 2002-04-26 (PCT/DE2002/001578)  
[87] 2003-04-03 (WO2003/026915)  
[30] DE (101 47 859.3) 2001-09-24

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[13] A1

[51] Int.Cl. 7A61F 13/471 7A61F 13/474  
7A61F 13/476 7A61F 13/56  
[25] EN  
[54] EFFICIENT THONG PANTILINER WITH FOLD-OVER ATTACHMENT MEANS  
[54] PROTEGE-SLIP OPTIMAL POUR STRING, DOTE DE MOYENS DE FIXATION A REPLI  
[72] BABUSIK, KIMBERLY, US  
[72] GLAUG, FRANK S., US  
[71] TYCON HEALTHCARE RETAIL SERVICES, AG, CH  
[85] 2004-03-04  
[86] 2002-09-10 (PCT/US2002/028878)  
[87] 2003-04-03 (WO2003/026543)  
[30] US (09/965,169) 2001-09-27

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**[21] 2,459,980**  
[13] A1

[51] Int.Cl. 7C08G 18/28 7C08G 18/10  
7C08G 18/18 7C08G 18/76  
[25] EN  
[54] PROCESS FOR REDUCING RESIDUAL ISOCYANATE  
[54] REDUCTION DE LA TENEUR EN ISOCYANATE RESIDUEL  
[72] TONG, JIANGDONG, US  
[72] SENGUPTA, ASHOK, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-03-09  
[86] 2002-08-27 (PCT/US2002/027193)  
[87] 2003-03-20 (WO2003/022901)  
[30] US (09/952,118) 2001-09-11

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[13] A1

[51] Int.Cl. 7A61K 9/00 7A01N 59/08  
7A61K 35/12  
[25] EN  
[54] METHOD FOR PRODUCING BIOLOGICALLY ACTIVE PRODUCTS  
[54] PROCEDE DE PRODUCTION DE PRODUITS BIOLOGIQUEMENT ACTIFS  
[72] SCHILLING, MARVIN, US  
[72] FAFARD, RICHARD D., US  
[71] SCHILLING, MARVIN, US  
[71] FAFARD, RICHARD D., US  
[85] 2004-03-08  
[86] 2002-09-12 (PCT/US2002/028856)  
[87] 2003-04-03 (WO2003/027232)  
[30] US (09/964,120) 2001-09-25

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[13] A1

[51] Int.Cl. 7F23D 14/18  
[25] EN  
[54] BAFFLE PLATE FOR SINGLE FLOW CHANNEL REACTORS  
[54] CHICANE POUR REACTEURS A CANAUX A ECOULEMENT UNIQUE  
[72] KARIM, MD. HASAN UL, US  
[72] CASTALDI, MARCO, US  
[72] SMITH, LANCE L., US  
[72] ETEMAD, SHAHROKH, US  
[71] PRECISION COMBUSTION, INC., US  
[85] 2004-03-04  
[86] 2002-09-10 (PCT/US2002/028899)  
[87] 2003-03-27 (WO2003/025461)  
[30] US (09/953,137) 2001-09-15

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[13] A1

[51] Int.Cl. 7C08J 5/22 7B01D 67/00  
7C25B 13/08 7H01M 8/10 7H01B 1/12  
7B01D 69/14  
[25] EN  
[54] ION CONDUCTING MEMBRANE HAVING HIGH HARDNESS AND DIMENSIONAL STABILITY  
[54] MEMBRANE A CONDUCTION IONIQUE A DURETE ELEVEE ET AUX DIMENSIONS STABLES  
[72] MACKENZIE, STEPHEN J., US  
[72] HOBSON, ALEX R., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[85] 2004-03-09  
[86] 2002-08-27 (PCT/US2002/027338)  
[87] 2003-03-20 (WO2003/022912)  
[30] US (09/950,839) 2001-09-10

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[13] A1

[51] Int.Cl. 7C07K 14/00 7A61K 48/00  
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7C07K 16/28 7C07K 16/46 7G01N 33/53  
7C12Q 1/68 7C12N 15/74  
[25] EN  
[54] PANCAM NUCLEIC ACIDS AND POLYPEPTIDES  
[54] ACIDES NUCLEIQUES ET POLYPEPTIDES PANCAM  
[72] CARULLI, JOHN P., US  
[72] LUKASHIN, ALEXANDER V., US  
[72] SUN, CHAO, US  
[72] KILBURN, DANIEL R., US  
[72] GARDNER, HUMPHREY ATHELSTAN ROY, US  
[71] BIOGEN, INC., US  
[85] 2003-12-22  
[86] 2002-06-24 (PCT/US2002/020275)  
[87] 2003-01-03 (WO2003/000021)  
[30] US (PCT/US01/19904) 2001-06-22

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**[21] 2,459,986**  
[13] A1

[51] Int.Cl. 7F23R 3/40  
[25] EN  
[54] MAIN BURNER, METHOD AND APPARATUS  
[54] BRULEUR PRINCIPAL, PROCEDE ET DISPOSITIF  
[72] ETEMAD, SHAHROKH, US  
[72] PFEFFERLE, WILLIAM C., US  
[72] SMITH, LANCE L., US  
[72] LYLE, KENT, US  
[72] KARIM, MD. HASAN UL, US  
[71] PRECISION COMBUSTION, INC., US  
[85] 2004-03-04  
[86] 2002-09-10 (PCT/US2002/028900)  
[87] 2003-03-27 (WO2003/025463)  
[30] US (09/953,122) 2001-09-15

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[21] 2,459,988  
[13] A1

[51] Int.Cl. 7B41J 2/175  
[25] EN  
[54] THERMOPLASTIC POLYMER FILM SEALING OF NOZZLES ON FLUID EJECTION DEVICES AND METHOD  
[54] ETANCHEIFICATION DE TUYERES SUR DES APPAREILS D'EJECTION DE LIQUIDE A L'AIDE D'UN FILM EN POLYMERÉ THERMOPLASTIQUE, ET PROCEDE S'Y RAPPORTANT  
[72] FARR, ISAAC, US  
[72] ZHANG, STEVE H., US  
[72] MILLER, STEVEN N., US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2004-03-09  
[86] 2002-09-10 (PCT/US2002/028832)  
[87] 2003-03-20 (WO2003/022589)  
[30] US (09/952,369) 2001-09-11

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[21] 2,459,990  
[13] A1

[51] Int.Cl. 7B32B 7/00  
[25] EN  
[54] COMPOSITE FOAM PRODUCTS AND METHOD  
[54] PRODUITS DE MOUSSE COMPOSITES ET PROCEDE ASSOCIE  
[72] BURGESS, JAMES H., US  
[72] GLORIOSO, JOEY, US  
[71] APACHE PRODUCTS COMPANY, US  
[85] 2004-03-09  
[86] 2002-09-11 (PCT/US2002/028838)  
[87] 2003-03-20 (WO2003/022566)  
[30] US (60/318,699) 2001-09-12

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[21] 2,459,991  
[13] A1

[51] Int.Cl. 7H04N 5/225  
[25] EN  
[54] RECYCLABLE, DIGITAL ONE TIME USE CAMERA  
[54] CAMERA NUMERIQUE RECYCLABLE, A CYCLE UNIQUE D'UTILISATION  
[72] KAPLAN, JONATHAN C., US  
[72] BRAUNSTEIN, ARIEL, US  
[71] PURE DIGITAL TECHNOLOGIES, INC., US  
[85] 2004-03-05  
[86] 2002-09-03 (PCT/US2002/028166)  
[87] 2003-03-20 (WO2003/024083)  
[30] US (09/949,421) 2001-09-07

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[21] 2,459,992  
[13] A1

[51] Int.Cl. 7F16K 7/06  
[25] EN  
[54] FLOW CONTROL DEVICE  
[54] DISPOSITIF REGULATEUR D'ÉCOULEMENT  
[72] LO, YING-CHENG, US  
[72] BLICKHAN, BRYAN, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2004-03-04  
[86] 2002-09-17 (PCT/US2002/029278)  
[87] 2003-04-03 (WO2003/027550)  
[30] US (09/964,959) 2001-09-27

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[21] 2,459,993  
[13] A1

[51] Int.Cl. 7H02K 1/30  
[25] EN  
[54] ROTOR ASSEMBLY WITH HUB  
[54] ENSEMBLE ROTOR COMPRENANT UN MOYEU  
[72] XU, MING, US  
[72] CHEN, WÜENFAR L., US  
[72] McDOWALL, GREGOR, J. S., US  
[72] TORNQUIST, G. E., US  
[72] DOHERTY, KIERAN P. J., US  
[72] BORDEN, RAYMOND W., US  
[72] LENGEL, JAMES D., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-03-05  
[86] 2002-09-06 (PCT/US2002/028419)  
[87] 2003-03-20 (WO2003/023939)  
[30] US (09/948,864) 2001-09-07

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[21] 2,459,999  
[13] A1

[51] Int.Cl. 7A61K 38/00 7A61K 38/08  
7G01N 33/567  
[25] EN  
[54] ANTAGONISTS  
[54] ANTAGONISTES ET AGONISTES DE RECEPTEUR D'INSULINE ET DE IGF-1  
[72] LIU, HAO, US  
[72] BRISSETTE, RENEE, US  
[72] HSIAO, KU-CHUAN, US  
[72] LENNICK, MICHAEL, US  
[72] FLETCHER, PAUL, US  
[72] WANG, PINGER, US  
[72] GOLDSTEIN, NEIL I., US  
[72] BLUME, ARTHUR J., US  
[72] PILLUTLA, RENUKA, US  
[72] DEDOVA, OLGA, US  
[71] NOVO-NORDISK A/S, DK  
[71] DGI BIOTECHNOLOGIES, US  
[85] 2004-03-08  
[86] 2002-09-24 (PCT/US2002/030412)  
[87] 2003-04-03 (WO2003/027246)  
[30] US (09/962,756) 2001-09-24

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[21] 2,460,002  
[13] A1

[51] Int.Cl. 7G07D 11/00  
[25] EN  
[54] BANKNOTE HANDLING DEVICE  
[54] DISPOSITIF DE MANIPULATION DE BILLETS DE BANQUE  
[72] YAMAGISHI, NOBORU, JP  
[72] ITO, YUKIO, JP  
[71] KABUSHIKI KAISHA NIPPON CONCLUX, JP  
[85] 2004-03-08  
[86] 2002-06-19 (PCT/JP2002/006133)  
[87] 2003-04-03 (WO2003/027969)  
[30] JP (2001-285075) 2001-09-19

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[21] 2,460,004  
[13] A1

[51] Int.Cl. 7H04L 12/18 7G06F 17/30  
[25] EN  
[54] STREAMING OF MULTIMEDIA FILES COMPRISING META-DATA AND MEDIA-DATA  
[54] TRANSMISSION EN CONTINU DE FICHIERS MULTIMEDIA COMPORANT DES METADONNEES ET DES DONNEES MULTIMEDIA  
[72] AKSU, EMRE, FI  
[72] HANNUKSELA, MISKA, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-03-08  
[86] 2002-09-19 (PCT/FI2002/000747)  
[87] 2003-04-03 (WO2003/028293)  
[30] FI (20011871) 2001-09-24

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**[21] 2,460,005**  
[13] A1

[51] Int.Cl. 7A61K 31/415  
[25] EN  
[54] ENHANCEMENT OF LEARNING AND MEMORY AND TREATMENT OF AMNESIA  
[54] AMELIORATION DE L'APPRENTISSAGE ET DE LA MEMOIRE, ET TRAITEMENT DE L'AMNESIE  
[72] FU, WEN-MEI, TW  
[72] KUO, SHENG-CHU, TW  
[72] CHIEN, WEI-LIN, TW  
[72] LIANG, KENG-CHEN, TW  
[72] TENG, CHE-MING, TW  
[72] LEE, FANG-YUAN, TW  
[71] CARLSBAD TECHNOLOGY, INC., US  
[85] 2004-03-10  
[86] 2002-09-16 (PCT/US2002/029294)  
[87] 2003-03-27 (WO2003/024397)  
[30] US (60/322,389) 2001-09-14  
[30] US (10/242,826) 2002-09-13

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**[21] 2,460,006**  
[13] A1

[51] Int.Cl. 7C07C 279/04 7A61K 31/155  
7C07C 279/18  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING BACTERIAL INFECTION  
[54] PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT OU LA PREVENTION D'UNE AFFECTION BACTERIENNE  
[72] ZHU, DEXU, CN  
[72] WANG, MINGWEI, US  
[72] CHENG, NI, CN  
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[30] CN (01 1 42289.0) 2001-09-26

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[13] A1

[51] Int.Cl. 7C08L 23/10  
[25] EN  
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[72] NOVAK, LEO R., US  
[72] TRAUGOTT, THOMAS D., US  
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[51] Int.Cl. 7H04S 1/00  
[25] EN  
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[54] PROCEDE ET APPAREIL DE DECODAGE MATRICIEL LOGIQUE DE CANAUX MULTIPLES  
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[72] DRESSLER, ROGER W., US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
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[30] US (60/325,112) 2001-09-25

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[13] A1

[51] Int.Cl. 7A41B 11/00  
[25] EN  
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[54] CHAUSSETTES ET PROCEDE DE FABRICATION DE CHAUSSETTES  
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[72] KUROIWA, MASARU, JP  
[71] TAKEDA LEG WEAR CO., LTD., JP  
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[13] A1

[51] Int.Cl. 7A43B 3/26  
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[54] CHAUSSURE EXTENSIBLE AMELIOREE ET ENSEMBLES DE CHAUSSURES  
[72] MILLER, HARRY, US  
[72] CHIL, KWON DONG, KR  
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[71] HARRY MILLER CO., INC., US  
[85] 2004-03-09  
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[87] 2003-03-20 (WO2003/022086)  
[30] US (09/950,109) 2001-09-10

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[13] A1

[51] Int.Cl. 7F03D 11/04  
[25] EN  
[54] METHOD OF MOUNTING ELEMENTS IN A WIND TURBINE TOWER, WIND TOWER SUSPENSION UNIT, SYSTEM OF MUTUALLY ATTACHABLE MEMBERS  
[54] TECHNIQUE DE MONTAGE D'ELEMENTS SUR UNE TOUR EOLIENNE, BLOC DE SUSPENSION D'UNE TOUR EOLIENNE ET SYSTEME RELATIF A DES ELEMENTS RACCORDBABLES ENTRE EUX  
[72] OELIGAARD, BOERGE, DK  
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[25] EN  
[54] ARYLOXYPROPYLAMINES AS CHEMOSENSITIZING AGENT IN THE TREATMENT OF CANCER  
[54] ARYLOXYPROPYLAMINES UTILISEES EN TANT QU'AGENT CHIMIOSENSIBILISATEUR DANS LE TRAITEMENT DU CANCER  
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[72] MARGALIT, RIMONA, IL  
[71] RAMOT AT TEL AVIV UNIVERSITY LTD., IL  
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[54] METHODE DE TRAITEMENT D'HEMORRAGIE INDUITE PAR LA COUMARINE  
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[71] ZYMOGENETICS, INC., US  
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[13] A1

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[25] EN  
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[54] IMPLANT OSSEUX ET INSTRUMENTS D'INSERTION  
[72] KAES, DAVID R., US  
[72] MARTZ, ERIK O., US  
[72] ROSENTHAL, DANIEL EVAN, US  
[72] WINTERBOTTOM JOHN, US  
[71] OSTEOTECH, INC., US  
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[30] US (60/340,734) 2001-10-30  
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[25] EN  
[54] BIOMEDICAL DEVICES CONTAINING INTERNAL WETTING AGENTS  
[54] DISPOSITIFS BIOMEDICAUX CONTENANT DES AGENTS HUMIDIFIANTS INTERNES  
[72] VANDERLAAN, DOUGLAS G., US  
[72] STEFFEN, ROBERT B., US  
[72] YOUNG, KENT A., US  
[72] ALLI, AZAAM, US  
[72] HILL, GREGORY A., US  
[72] MCCABE, KEVIN P., US  
[72] MOLOCK, FRANK F., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
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[30] US (60/318,536) 2001-09-10  
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[13] A1

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[25] EN  
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[54] DISPOSITIFS BIOMEDICAUX CONTENANT DES AGENTS HUMIDIFIANTS INTERNES  
[72] FORD, JAMES D., US  
[72] YOUNG, KENT A., US  
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[13] A1

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[25] EN  
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[72] AMMERMANN, EBERHARD, DE  
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[72] BIRNER, ERICH, DE  
[72] SCHELBERGER, KLAUS, DE  
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[13] A1

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[25] EN  
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[54] PROCEDES ET APPAREIL DE REDUCTION DE LA PROBABILITE D'UNE FIBRILLATION ATRIALE  
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[72] WARMAN, EDUARDO N., US  
[71] MEDTRONIC, INC., US  
[85] 2004-03-08  
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[30] US (10/003,936) 2001-10-30

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[13] A1

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[25] EN  
[54] MEDICAL DEVICES CONTAINING RAPAMYCIN ANALOGS  
[54] DISPOSITIFS MEDICAUX CONTENANT DES ANALOGUES DE LA RAPAMYCINE  
[72] BURKE, SANDRA E., US  
[72] LECAPTAIN, ANGELA M., US  
[72] MOLLISON, KARL W., US  
[72] CROMACK, KEITH R., US  
[72] TARCHA, PETER J., US  
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**[54] DISPOSITIF DE PREPARATION D'ALIMENTS**  
 [72] PAUMEN, LAWRENCE J., US  
 [72] SOLVIE, MARK D., US  
 [71] PAUMEN, LAWRENCE J., US  
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[13] A1

[51] Int.Cl. 7A61B 3/10 7A61B 3/107  
 [25] EN  
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**[54] SYSTEME DE DERIVATION DE LENTILLE INTRAOCULAIRE**  
 [72] TURNER, TIMOTHY N., US  
 [72] BROADUS, CHARLES R., US  
 [71] BAUSCH & LOMB, INCORPORATED, US  
 [85] 2004-03-08  
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 [87] 2003-03-20 (WO2003/022137)  
 [30] US (09/950,262) 2001-09-10

**[21] 2,460,042**  
[13] A1

[51] Int.Cl. 7A61K 31/715 7A61P 37/06 7A61K 31/721  
 [25] EN  
**[54] INHIBITION OF ANTIGEN PRESENTATION WITH POORLY CATABOLIZED POLYMERS**  
**[54] INHIBITION DE LA PRESENTATION DE L'ANTIGENE AVEC DES POLYMERES FAIBLEMENT CATABOLISES**  
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 [72] BORGSTROM, PER, US  
 [71] SIDNEY KIMMEL CANCER CENTER, US  
 [85] 2004-03-11  
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 [30] US (60/235,321) 2000-09-26

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[13] A1

[51] Int.Cl. 7A61M 29/00  
 [25] EN  
**[54] INTRAVASCULAR DEVICES, RETRIEVAL SYSTEMS, AND CORRESPONDING METHODS**  
**[54] DISPOSITIFS INTRAVASculaires, SYSTEMES DE RECUPERATION ET PROCEDES CORRESPONDANT**  
 [72] TAVORI, ISSACK, IL  
 [72] BRUCKHEIMER, SIMON, GB  
 [72] NAOR, GIL, IL  
 [72] KINARTY, DANNY, IL  
 [72] BRUCKHEIMER, ELCHANAN, IL  
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 [87] 2003-03-20 (WO2003/022325)  
 [30] US (60/318,005) 2001-09-10  
 [30] US (60/317,925) 2001-09-10  
 [30] US (60/317,926) 2001-09-10

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[13] A1

[51] Int.Cl. 7G06F 17/00  
 [25] EN  
**[54] METHOD FOR DEVELOPING GAMING PROGRAMS COMPATIBLE WITH A COMPUTERIZED GAMING OPERATING SYSTEM AND APPARATUS**  
**[54] MISE AU POINT DE PROGRAMMES DE JEU COMPATIBLES AVEC UN SYSTEME ET UN DISPOSITIF D'EXPLOITATION DE JEU ELECTRONIQUE**  
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 [71] IGT, US  
 [85] 2004-03-08  
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 [87] 2003-03-20 (WO2003/023647)  
 [30] US (60/318,369) 2001-09-10

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[13] A1

[51] Int.Cl. 7C07K 14/435 7C12N 15/12 7C12N 1/21  
 [25] EN  
**[54] NOVEL PEPTIDE, NOVEL ADSORBENT, ADSORPTION UNIT AND ADSORPTION METHOD**  
**[54] PEPTIDE, ADSORBANT, UNITE ET METHODE D'ADSORPTION**  
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 [72] NISHIMOTO, TAKEHIRO, JP  
 [72] FURUYOSHI, SHIGEO, JP  
 [72] OGINO, EIJI, JP  
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 [85] 2004-03-05  
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 [30] JP (2001-283583) 2001-09-18

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[13] A1

[51] Int.Cl. 7A01K 67/00 7F21K 2/00 7H01J 65/06  
 [25] EN  
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**[54] RESOLUTION AMELIOREE DE METASTASES DE TUMEUR**  
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 [72] WANG, JIN WEI, US  
 [72] YANG, MENG, US  
 [71] ANTICANCER, INC., US  
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[13] A1

[51] Int.Cl. 7A61K 31/519 7C07D 471/04  
7C07D 487/04 7A61P 3/04 7A61P 25/20  
[25] EN  
[54] 7,8,9,10-TETRAHYDRO-6H-AZEPINO, 6,7,8,9-TETRAHYDRO-PYRIDO AND 2,3-DIHYDRO-2H-PYRROLO[2,1-B]-QUINAZOLINONE DERIVATIVES  
[54] DERIVES DE 7,8,9,10-TETRAHYDRO-6H-AZEPINO, 6,7,8,9-TETRAHYDRO-PYRIDO ET 2,3-DIHYDRO-2H-PYRROLO[2,1-B]-QUINAZOLINONE  
[72] FISCHLI, WALTER, CH  
[72] WELLER, THOMAS, CH  
[72] SIFFERLEN, THIERRY, FR  
[72] AISSAOUI, HAMED, FR  
[72] CLOZEL, MARTINE, CH  
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[13] A1

[51] Int.Cl. 7A61N 1/05 7A61M 25/10  
[25] EN  
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[54] PROCEDE ET APPAREIL POUR ELECTRODE DE STIMULATION ENDOVEINEUSE  
[72] KRAMM, BERTHOLD, DE  
[72] DORNBURGER, VOLKER, DE  
[71] MEDTRONIC, INC., US  
[85] 2004-03-08  
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[30] US (10/041,802) 2001-10-29

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[13] A1

[51] Int.Cl. 7A21C 3/00  
[25] EN  
[54] PRODUCTION LINE FOR BREAD PREFORMS  
[54] LIGNE DE PRODUCTION D'EBAUCHES DE PAINS  
[72] LEPPANIEMI, PEKKA, FI  
[71] HYDROVOIMA OY, FI  
[85] 2004-03-08  
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[30] FI (U20020251) 2002-05-27

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[13] A1

[51] Int.Cl. 7C07K 14/65 7C07K 7/00  
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7A61K 38/30 7G01N 33/566 7C07K 14/62  
[25] EN  
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[54] AGONISTES ET ANTAGONISTES DU RECEPTEUR DE L'INSULINE ET D'IGF-1  
[72] SPETZLER, JANE, DK  
[72] PILLUTLA, RENUKA, US  
[72] OSTERGAARD, SOREN, DK  
[72] GOLDSTEIN, NEIL I., US  
[72] BRISSETTE, RENEE, US  
[72] BRANDT, JAKOB, DK  
[72] SCHAFER, LAUGE, DK  
[72] BLUME, ARTHUR J., US  
[71] NOVO NORDISK A/S, DK  
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[13] A1

[51] Int.Cl. 7A63H 17/00  
[25] EN  
[54] THREE WHEELED WIRELESS CONTROLLED TOY STUNT VEHICLE  
[54] VEHICULE RECREATIF D'ACROBATIE A TROIS ROUES  
COMMANDÉ PAR VOIE HERTZIENNE  
[72] LYNDERS, MICHAEL JOHN, US  
[72] KISLEVITZ, NOAH LUTHER, US  
[72] KISLEVITZ, ADAM LUTHER, US  
[72] KISLEVITZ, ANDROC LUTHER, US  
[72] FERRO, JAMES MICHAEL, US  
[71] THE OBB, LLC., US  
[85] 2004-03-08  
[86] 2002-10-09 (PCT/US2002/032103)  
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[30] US (60/340,112) 2001-10-26  
[30] US (10/231,975) 2002-08-30

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[13] A1

[51] Int.Cl. 7B01D 71/02 7C01B 37/02  
[25] EN  
[54] METHOD FOR PREPARING DDR TYPE ZEOLITE FILM, DDR TYPE ZEOLITE FILM, AND COMPOSITE DDR TYPE ZEOLITE FILM, AND METHOD FOR PREPARATION THEREOF  
[54] PROCEDE DE PREPARATION DE FILM ZEOLITIQUE DE TYPE DDR, FILM ZEOLITIQUE DE TYPE DDR, FILM COMPOSITE ZEOLITIQUE DE TYPE DDR ET PROCEDE DE PREPARATION DE CE DERNIER  
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[72] YOSHIDA, MANABU, JP  
[72] NAKAYAMA, KUNIO, JP  
[72] TOMITA, TOSHIHIRO, JP  
[72] YAJIMA, KENJI, JP  
[71] NGK INSULATORS, INC., JP  
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[87] 2003-03-27 (WO2003/024577)  
[30] JP (2001-280972) 2001-09-17  
[30] JP (2002-212425) 2002-07-22  
[30] JP (2002-219135) 2002-07-29  
[30] JP (2002-232550) 2002-08-09

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[13] A1

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[25] EN  
[54] DETERGENT SYSTEM  
[54] SYSTEME DETERGENT  
[72] SOMMERVILLE-ROBERTS, NIGEL, GB  
[72] DASQUE, BRUNO MATTHIEU, GB  
[72] VEGA, JOSE LUIS, BE  
[72] HAILU, LIBEN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[87] 2003-05-08 (WO2003/038027)  
[30] US (60/345,862) 2001-10-29

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[13] A1

[51] Int.Cl. 7B05D 5/06 7B32B 27/08  
[25] EN  
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[54] MONTAGE DE SUBSTRAT POUR FILM ORGANIQUE, DIELECTRIQUE, OPTIQUE  
[72] SALLAVANTI, ROBERT A., US  
[72] HARTLEY, SCOTT M., US  
[71] GENTEX CORPORATION, US  
[85] 2004-03-09  
[86] 2002-09-16 (PCT/US2002/029287)  
[87] 2003-03-27 (WO2003/024621)  
[30] US (09/955,903) 2001-09-19

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[13] A1

[51] Int.Cl. 7A61B 1/00 7A61M 25/01  
[25] EN  
[54] OPTICAL CATHETER CONNECTOR  
[54] CONNECTEUR POUR CATHETER OPTIQUE  
[72] CROWLEY, ROBERT J., US  
[72] HAMM, MARK J., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-03-08  
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[87] 2003-10-30 (WO2003/088826)  
[30] US (10/039,627) 2001-10-24

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[13] A1

[51] Int.Cl. 7A61M 5/24 7A61M 5/28  
[25] EN  
[54] MICRONEEDLE-BASED PEN DEVICE FOR DRUG DELIVERY AND METHOD FOR USING SAME  
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[72] PETTIS, RONALD, US  
[72] MARTIN, FRANK, US  
[72] KAESTNER, SCOTT, US  
[71] BECTON, DICKINSON AND COMPANY, US  
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[54] FABRICATION DE TUBES METALLIQUES  
[72] ADLER, PAUL, US  
[72] WEBB, NEAL, US  
[72] PONCET, PHILIPPE, US  
[72] WU, MING H., US  
[72] CARPENTER, SCOTT, US  
[72] PEREZ, JESSE, US  
[71] MEMRY CORPORATION, US  
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[30] US (60/323,565) 2001-09-20

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[51] Int.Cl. 7D04B 1/18 7D04B 23/00  
[25] EN  
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[54] BANDE ELASTIQUE TRICOTTEE AMELIOREE ET SON PROCEDE DE PRODUCTION  
[72] VON FANCHER, J., US  
[72] PATE, RONNY, US  
[72] DURN, KEN, US  
[71] ELASTIC CORPORATION OF AMERICA INC., US  
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[51] Int.Cl. 7C11D 3/50 7C11D 3/30  
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[25] EN  
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[54] SYSTEMES D'ADMINISTRATION D'AGENT BENIFIQUE  
[72] FREDJ, ABDENNACEUR, US  
[72] GALLON, LOIS SARA, US  
[72] GRAY, LON MONTGOMERY, US  
[72] WHITE, DANIEL JEROME, JR., US  
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[71] THE PROCTER & GAMBLE COMPANY, US  
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[51] Int.Cl. 7D21G 9/00  
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[54] PROCEDE ET SYSTEME DE CARACTERISATION DE DEFAUTS DE TRAINEE DANS DES STRUCTURES DE BANDE  
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[72] KELLER, D. STEVEN, US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2004-03-09  
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[72] ZIJSLING, DJURRE HANS, NL  
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[85] 2004-03-09  
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[54] PROCEDE PERMETTANT DE GENERER AUTOMATIQUEMENT UN PLAN DE TIRS DE FORAGE  
[72] VOERDE, PAER, SE  
[72] ELSRUD, ROLF, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
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[72] MCCONNELL, PETER R.H., CA  
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[72] TARCHA, PETER J., US  
[72] CROMACK, KEITH R., US  
[72] LECAPTAIN, ANGELA M., US  
[72] CHEN, YEN-CHIH J., US  
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[72] REITZ, STEVEN CHARLES, US  
[72] RAUCKHORST, MARK RYAN, US  
[72] WISHKA, DONN GREGORY, US  
[72] GROOPPI, VINCENT EDWARD, JR., US  
[72] CORBETT, JEFFREY WAYNE, US  
[72] WALKER, DANIEL PATRICK, US  
[71] PHARMACIA & UPJOHN COMPANY, US  
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[51] Int.Cl. 7A61K 9/127 7A61K 47/48  
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[25] EN  
[54] PROCESS FOR ACCELERATING RECOVERY FROM TRAUMA BY USING APOPTOSIS-MIMICKING SYNTHETIC OR NATURAL ENTITIES  
[54] PROCEDE PERMETTANT D'ACCELERER LA GUERISON D'UN TRAUMATISME AU MOYEN D'ENTITES SYNTHETIQUES OU NATURELLES SIMULANT L'APOPTOSE  
[72] BOLTON, ANTHONY E., GB  
[72] MANDEL, ARKADY, CA  
[71] VASOGEN IRELAND LIMITED, IE  
[85] 2004-03-09  
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[25] EN  
[54] DOCUMENT AND METHOD AGAINST COUNTERFEITING AND FORGERY OF THE SAME  
[54] DOCUMENT ET PROCEDE PERMETTANT DE LUTTER CONTRE LA CONTREFACON ET LA PRODUCTION DE FAUX  
[72] LAZZERINI, MAURIZIO, IT  
[71] MANTEGAZZA ANTONIO ARTI GRAFICHE S.R.L., IT  
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[54] COMPOSITION DE REVETEMENT POUR SUBSTRATS METALLIQUES  
[72] DAVIES, GERALD HOWARD, GB  
[72] JACKSON, PAUL ANTHONY, GB  
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL  
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[72] SUNDERMANN, CHRISTOPH, DE  
[72] WURM, GERHARD, DE  
[72] GRIMMEL, RUDIGER, DE  
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE  
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**[54] PROCEDE D'ALIMENTATION ELECTRIQUE ET SYSTEME D'ALIMENTATION**  
[72] HARA, TAKUSHI, JP  
[72] SUZUKI, KENSHI, JP  
[72] KOGANEYA, MASANOBU, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, INC., JP  
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[51] Int.Cl. 7A01N 43/54 7A01N 61/00  
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[72] LANDES, ANDREAS, DE  
[72] WITSCHEL, MATTHIAS, DE  
[72] SIEVERNICH, BERND, DE  
[72] ORTLIP, CHARLES L., US  
[72] QUAKENBUSH, LAURA, US  
[72] ZAGAR, CYRILL, DE  
[72] EVANS, RICHARD R., US  
[72] LANDES, MAX, US  
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**[54] DISPERSIONS AQUEUSES ET PRIMAIRES AQUEUX APPLIQUES PAR ELECTRODEPOSITION**  
[72] TAZZIA, CHARLES, US  
[72] COOLEY, GRANT, US  
[72] ALFORD, WILLIAM, US  
[72] SCHILLER, ROBERT, US  
[71] BASF CORPORATION, US  
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**[54] METHOD FOR STRIKING ELECTRIC ARC IN HYBRID LASER-ARC WELDING**  
[72] CHOUF, KARIM, FR  
[72] LEFEBVRE, PHILIPPE, FR  
[72] MATILE, OLIVIER, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 2004-03-09  
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[51] Int.Cl. 7B23K 26/14 7B23K 28/02  
[25] FR  
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**[54] HYBRID LASER-ARC WELDING METHOD WITH GAS FLOW RATE ADJUSTMENT**  
[72] LEFEBVRE, PHILIPPE, FR  
[72] CHOUF, KARIM, FR  
[72] MATILE, OLIVIER, FR  
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[25] EN  
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**[54] PROCEDES D'EXPRESSION CIBLEE D'UN ACIDE NUCLEIQUE THERAPEUTIQUE**  
[72] MERCER, KELLY E., US  
[72] MCMASTERS, ROBYN, US  
[72] MOYER, MARY PAT, US  
[72] DRAKE, RICHARD R., US  
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[54] ASSEMBLY OF SECTORS OF A DISPENSING UNIT IN A GAS TURBINE  
[72] SOUPIZON, JEAN-LUC, FR  
[72] PABION, PHILIPPE, FR  
[72] IMBOURG, SEBASTIEN, FR  
[71] SNECMA MOTEURS, FR  
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[30] FR (01/11830) 2001-09-13

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[51] Int.Cl. 7A61K 35/12 7A61P 25/00  
7A61P 29/00 7A61P 37/00 7A61K 35/18  
[25] EN  
[54] APOPTOSIS-MIMICKING NATURAL VESICLES AND USE THEREOF IN MEDICAL TREATMENT  
[54] VESICULES NATURELLES SIMULANT L'APOPTOSE ET UTILISATION ASSOCIEE DANS UN TRAITEMENT MEDICAL  
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[72] MANDEL, ARKADY, CA  
[71] VASOGEN IRELAND LIMITED, IE  
[85] 2004-03-09  
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[30] US (60/323,818) 2001-09-18

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[87] 2003-03-20 (WO2003/023267)  
[30] AU (PR 7576) 2001-09-10

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[51] Int.Cl. 7H04L 25/02 7E21B 47/12  
[25] EN  
[54] POWER SOURCE REGULATION ALONG A TRANSMISSION LINE WITH FEEDBACK LOOP  
[54] REGULATEUR D'ALIMENTATION POUR SYSTEME A CABLE METALLIQUE  
[72] HERNANDEZ, RAMON, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2004-03-09  
[86] 2002-08-12 (PCT/US2002/025429)  
[87] 2003-03-20 (WO2003/024039)  
[30] US (09/951,759) 2001-09-11

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[13] A1

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[25] EN  
[54] METHOD AND APPARATUS FOR SIMULATING A RADIATION DOSE DELIVERED TO AN OBJECT  
[54] PROCEDE ET APPAREIL POUR SIMULER UNE DOSE D'IRRADIATION RECUE PAR UN OBJET  
[72] BAROUDI, BASSAM, US  
[71] ION BEAM APPLICATIONS, INC., US  
[85] 2004-03-09  
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[87] 2003-03-20 (WO2003/023685)  
[30] US (09/952,847) 2001-09-11

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[51] Int.Cl. 7H03L 7/00 7H03L 7/06  
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[54] DYNAMIC CONTROL OF A PHASE-LOCKED LOOP  
[54] COMMANDE DYNAMIQUE DE BOUCLE A PHASE ASSERVIE (PLL)  
[72] PATE, PRAYSON WILL, US  
[72] POUPARD, MICHAEL JOSEPH, US  
[72] SKINNER, EMILY JEAN, US  
[72] O'NEAL, DAVID LANCE, US  
[72] LYNCH, ROBERT LEROY, US  
[71] OVERTURE NETWORKS, INC., US  
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[87] 2003-03-20 (WO2003/023967)  
[30] US (60/318,814) 2001-09-13

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[13] A1

[51] Int.Cl. 7G01N 21/76  
[25] EN  
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[54] TAMPON DE DOSAGE, COMPOSITIONS CONTENANT CE TAMPON ET PROCEDES D'UTILISATION CORRESPONDANTS  
[72] MARTIN, MARK, US  
[72] LEYTNER, SVETLANA, US  
[72] GLEZER, ELI N., US  
[72] HELMS, LARRY, US  
[72] TSIONSKY, MICHAEL, US  
[72] LELAND, JONATHAN K., US  
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[71] MESO SCALE TECHNOLOGIES, LLC, US  
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[87] 2003-03-20 (WO2003/023380)  
[30] US (60/318,289) 2001-09-10  
[30] US (60/363,498) 2002-03-11

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[13] A1

[51] Int.Cl. 7C22B 23/00 7C22B 1/06  
[25] EN  
[54] METHOD FOR OBTAINING COBALT AND NICKEL FROM ORES AND ORE CONCENTRATES  
[54] PROCEDE POUR EXTRAIRE DU COBALT ET DU NICKEL CONTENUS DANS DES MINERAIS ET DES CONCENTRES DE MINERAIS  
[72] BECKMANN, ALEXANDER, DE  
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[85] 2004-03-09  
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[30] DE (101 45 419.8) 2001-09-14  
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[54] ETABLISSEMENT D'UN PROFIL D'EXPRESSION DANS LE COEUR HUMAIN INTACT  
[72] PERRYMAN, BENJAMIN M., US  
[72] LOWES, BRIAN D., US  
[72] MINOBE, WAYNE A., US  
[72] BRISTOW, MICHAEL R., US  
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[87] 2003-03-20 (WO2003/023066)  
[30] US (60/318,854) 2001-09-11

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[25] EN  
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[54] COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DES TUMEURS  
[72] SPENCER, SUSAN D., US  
[72] WILLIAMS, P. MICKEY, US  
[72] ZHANG, ZEMIN, US  
[72] PHILLIPS, HEIDI S., US  
[72] POLAKIS, PAUL, US  
[72] FRANTZ, GRETCHEN, US  
[72] HILLAN, KENNETH J., US  
[72] WU, THOMAS D., US  
[71] GENENTECH, INC., US  
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[87] 2003-03-27 (WO2003/024392)  
[30] US (60/323,268) 2001-09-18  
[30] US (60/339,227) 2001-10-19  
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[71] SYNGENTA PARICIPATIONS AG, CH  
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[25] EN  
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[54] PROCEDE ET COMPOSITION DE REDUCTION DU FROTTEMENT  
[72] SMITH, KEVIN W., US  
[72] SCWARTZ, KEVIN M., US  
[72] CHEN, SHIH-RUEY T., US  
[71] CLEARWATER INTERNATIONAL, LLC, US  
[85] 2004-03-09  
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[25] EN  
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[54] NOUVEAUX COMPOSES ET NOUVELLES COMPOSITIONS UTILES COMME INHIBITEURS DE LA CATHEPSINE  
[72] THURAIRATNAM, SUKANTHINI, US  
[72] GRAUPE, MICHAEL, US  
[72] PALMER, JAMES T., US  
[72] ALDOUS, DAVID J., US  
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[25] EN  
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[72] FU, JIAN-MIN, US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2004-03-09  
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[54] UTILISATION D'UN COPOLYMORE POUR PRODUIRE UNE FORME GALENIQUE CONTENANT UN PEPTIDE OU UNE PROTEINE COMME AGENT ACTIF  
[72] PETEREIT, HANS-ULRICH, DE  
[72] BECKERT, THOMAS, DE  
[71] ROHM GMBH & CO. KG, DE  
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[25] EN  
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[54] SYSTEME ET PROCEDE DESTINE A UN TRAITEMENT D'INFORMATIONS SPATIO-SPECTRALES CODEES  
[72] GEHWIND, FRANK, US  
[72] DEVERSE, RICHARD A., US  
[72] COIFMAN, RONALD R., US  
[72] FATELEY, WILLIAM G., US  
[71] PLAIN SIGHT SYSTEMS, INC., US  
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[25] EN  
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[54] UTILISATION D'INHIBITEURS DE LA PHOSPHODIESTERASE IV  
[72] EGGENWEILER, HANS-MICHAEL, DE  
[72] WOLF, MICHAEL, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE  
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[54] SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES INFORMATIONS DE TRAFIC AU MOYEN DE DONNEES OPERATIONNELLES DEVELOPPEES PAR UN RESEAU SANS FIL  
[72] WRIGHT, MICHAEL P., US  
[72] SANGAL, RAHUL, US  
[72] CARLSON, KIRK, US  
[72] WILKINSON, CLAYTON., IV, US  
[72] SMITH, CYRUS W., US  
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[54] METHODE DE TRAITEMENT D'HYPERPLASIE PROSTATIQUE BENIGNE ET D'AUTRES PATHOLOGIES PROSTATIQUES BENIGNES  
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[72] MOESGAARD, HANNE ANETTE, DK  
[71] NYCOMED DANMARK APS, DK  
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[54] DRUGS COMPRISING  
COMBINATION OF  
ANTITHROMBOTIC AGENT WITH  
PYRAZOLONE DERIVATIVE  
[54] MEDICAMENTS COMPRENANT  
UN ANTITHROMBOTIQUE EN  
ASSOCIATION AVEC UN DERIVE  
PYRAZOLONE  
[72] TANAKA, MASAHIKO, JP  
[72] YUKI, SATOSHI, JP  
[72] EGUCHI, JYUNICHI, JP  
[72] YOSHII, NARIHIKO, JP  
[72] TANAKA, TADASHI, JP  
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[71] MITSUBISHI PHARMA  
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PRODUCTION AND USE THEREOF  
[54] DERIVES DE SULFONAMIDE  
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[72] DELARGE, JACQUES, BE  
[72] PIROTTE, BERNARD, BE  
[72] DOGNE, JEAN-MICHEL, BE  
[72] DE LEVAL, XAVIER, BE  
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[54] AMINOINDAZOLE DERIVATIVES  
ACTIVE AS KINASE INHIBITORS,  
PROCESS FOR THEIR PREPARATION  
AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM  
[54] DERIVES D'AMINOINDAZOLE  
AGISSANT COMME INHIBITEURS DE  
LA KINASE, PROCEDE DE  
PRODUCTION ET COMPOSITIONS  
PHARMACEUTIQUES LES  
CONTENANT  
[72] MARTINA, KATIA, IT  
[72] AMICI, RAFFAELLA, IT  
[72] VULPETTI, ANNA, IT  
[72] D'ANELLO, MATTEO, IT  
[72] SALOM, BARBARA, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
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CREATING A CORRECTION  
CHARACTERISTIC CURVE FOR  
REDUCING ARTEFACTS IN  
TOMOGRAPHY  
[54] DISPOSITIF ET PROCEDE DE  
CREATION D'UNE COURBE  
CARACTERISTIQUE DE  
CORRECTION POUR LA REDUCTION  
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TOMOGRAPHIE  
[72] BAUSCHER, INGO, DE  
[72] HASSLER, ULF, DE  
[72] KASPERL, STEFAN, DE  
[72] SCHROEPFER, STEFAN, DE  
[71] FRAUNHOFER-GESELLSCHAFT  
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[30] DE (102 02 732.3) 2002-01-24

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[25] EN  
[54] 2-PHENYL-3-  
HETEROARYLPROPIONIC ACID  
DERIVATIVE OR SALT THEREOF AND  
MEDICINE CONTAINING THE SAME  
[54] DERIVE D'ACIDE 2-PHENYLE-3-  
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[72] HOSHINA, YOICHIRO, JP  
[71] KAKEN PHARMACEUTICAL CO.,  
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[54] MATIERES ET PROCEDES POUR  
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[72] MILNER, PETER G., US  
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[72] SMITH, SCOTT J., US  
[72] IQBAL, AHMED, US  
[72] JONES, ANGELA MARIE, US  
[71] STOCKHAUSEN INC., US  
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[72] KRAUSE, RAINER, DE  
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[71] KATHREIN-WERKE KG, DE  
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[54] NOUVELLE FEUILLE ADHESIVE FACILE A COLLER ET SA PRODUCTION  
[72] SAKURAI, SATOSHI, JP  
[72] TSUZUKI, FUMIAKI, JP  
[71] LINTEC CORPORATION, JP  
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[25] EN  
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[54] TELEPHONE PORTABLE DESTINE A LA COMMUNICATION PERSONNELLE  
[72] MUNTANE CONDEMINES, MIGUEL, ES  
[71] CONSULTING, COMUNICACIO I DISSENY, S.L., ES  
[85] 2004-03-09  
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[72] HAMMOCK, CORY S., US  
[71] CLEAN CONTROL CORPORATION, US  
[85] 2004-03-10  
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[54] SYSTEME DE DISTRIBUTION DE FLUIDE  
[72] HONEYMAN, TREVOR, GB  
[72] ROBINSON, KENNETH, GB  
[71] HONEYMAN WATER LIMITED, GB  
[85] 2004-03-09  
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[25] EN  
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[54] AMINOPYRIMIDINES SUBSTITUEES PAR UN THIAZOLYLE UTILISEES COMME AGENTS PHYTOSANITAIRES  
[72] MUELLER, URS, CH  
[72] EBERLE, MARTIN, CH  
[72] PILLONEL, CHRISTIAN, CH  
[72] STANETTY, PETER, AT  
[72] LUTZ, WILLIAM, CH  
[71] SYNGENTA PARICIPATIONS AG, CH  
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[54] SYSTEME DE COMMANDE DU REFOULEMENT D'UN FLUIDE DE FORAGE  
[72] VAN RIET, EGBERT JAN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2004-03-10  
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[54] MOTEUR A PISTON ALTERNATIF COMPORANT UN CYLINDRE ROTATIF  
[72] TEUFL, ERICH, DE  
[71] TEUFL, ERICH, DE  
[85] 2004-03-10  
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[72] BROOKS, LAWRENCE ANTONY, GB  
[71] UNI-SCREW LIMITED, GB  
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[54] APPAREIL ET PROCEDES DESTINES A PRODUIRE UNE DENTURE CURVILINE  
[72] HYATT, GREGORY AARON, US  
[71] MAKINO, INC., US  
[85] 2004-03-15  
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[54] PREPARATION DE SOLUTION DE SODIUM ECABET AQUEUSE  
[72] ITO, TAKAHIRO, JP  
[72] SUGAYA, KAYO, JP  
[72] NARISAWA, SHINJI, JP  
[71] TANABE SEIYAKU CO., LTD., JP  
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[54] 4|PIPERIDIN-4-YLIDEN-(3-CARBAMOYLPHENYL)METHYL| BENZAMIDE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF PAIN, SPINAL INJURIES OR GASTROINTESTINAL DISORDERS  
[54] DERIVES DE 4(PIPERIDIN-4-YLIDEN-(3-CARBAMOYLPHENYLE)METHYLE) BENZAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DOULEUR, DE LESIONS SPINALES OU DE TROUBLES GASTRO-INTESTINAUX

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[72] BROWN, WILLIAM, CA  
[72] WEI, ZHONGYONG, CA  
[71] ASTRAZENCA AB, SE  
[85] 2004-03-09  
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[30] SE (0103313-3) 2001-10-03

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[13] A1

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[25] EN  
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[54] METHODE DE DESULFURATION DE NAPHTHE DE CRAQUAGE CATALYTIQUE FLUIDE  
[72] PODREBARAC, GARY G., US  
[71] CATALYTIC DISTILLATION TECHNOLOGIES, US  
[85] 2004-03-09  
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[87] 2003-04-10 (WO2003/029388)  
[30] US (09/965,758) 2001-09-28

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[51] Int.Cl. 7H01S 3/10 7H01S 3/08 7H01S  
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[54] MULTI-WAVELENGTH LASER APPARATUS AND METHOD  
[54] APPAREIL A LASER MULTI-LONGUEUR D'ONDE ET PROCEDE  
[72] SOUSA, JOAO M., PT  
[72] ARAUJO, FRANCISCO M., PT  
[72] GUERREIRO, PAULO T., PT  
[72] FERREIRA, LUIS A., PT  
[72] SALCEDO, JOSE R., PT  
[72] RIBEIRO, ANTONIO LOBO, PT  
[71] MULTIWAVE PHOTONICS, SA, PT  
[85] 2004-03-09  
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[30] US (09/951,554) 2001-09-14

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[25] EN  
[54] CUTTING TOOL  
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[72] ERICKSON, ROBERT A., US  
[71] KENNAMETAL INC., US  
[85] 2004-03-09  
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[87] 2003-04-10 (WO2003/028930)  
[30] US (09/969,234) 2001-10-02

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[13] A1

[51] Int.Cl. 7B29C 45/27  
[25] EN  
[54] DEVICE AND METHOD FOR RUNNER-LESS MOLDING OF THERMOSETTING RESIN AND RUBBER  
[54] DISPOSITIF ET PROCEDE DE MOULAGE SANS CANAUX DE RESINE ET DE CAOUTCHOUC THERMODURCISSABLES  
[72] TANAKA, YOSHIKI, JP  
[72] YOSHIDA, MASAAKI, JP  
[71] SEIKI CORPORATION, JP  
[85] 2004-03-09  
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7A61K 38/27 7A61K 35/30 7A61K 38/30  
7A61K 31/565  
[25] EN  
[54] PROLACTIN INDUCED INCREASE IN NEUTRAL STEM CELL NUMBERS AND THERAPEUTICAL USE THEREOF  
[54] AUGMENTATION DU NOMBRE DE CELLULES SOUCHE NEURONALES INDUITES PAR LA PROLACTINE  
[72] WEISS, SAMUEL, CA  
[72] SHINGO, TETSURO, JP  
[71] STEM CELL THERAPEUTICS INC., CA  
[85] 2004-03-10  
[86] 2002-08-30 (PCT/CA2002/001345)  
[87] 2003-03-27 (WO2003/024472)  
[30] US (60/322,514) 2001-09-14  
[30] US (60/386,404) 2002-06-07

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[51] Int.Cl. 7F16D 69/02 7C04B 41/00  
7B29C 59/10  
[25] EN  
[54] METHOD AND DEVICE FOR HEAT TREATING A SHAPED PART  
[54] PROCEDE ET DISPOSITIF DE TRAITEMENT THERMIQUE D'UNE PIECE MOULEE  
[72] HOGENKAMP, WOLFGANG, DE  
[71] TMD FRICTION GMBH, DE  
[85] 2004-03-10  
[86] 2002-09-12 (PCT/EP2002/010259)  
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[30] DE (101 45 442.2) 2001-09-14  
[30] DE (102 00 240.1) 2002-01-05

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[51] Int.Cl. 7A61B 5/053 7A61B 5/04  
[25] EN  
[54] AUTOMATIC, CONTINUOUS MEASURING DEVICE FOR A VENTRICLE VOLUME  
[54] DISPOSITIF DE MESURE, AUTOMATIQUE ET CONTINU, DE VOLUME VENTRICULAIRE  
[72] SUNAGAWA, KENJI, JP  
[72] UEMURA, KAZUNORI, JP  
[71] JAPAN AS REPRESENTED BY PRESIDENT OF NATIONAL CARDIOVASCULAR CENTER, JP  
[71] THE JAPAN SPACE FORUM, JP  
[71] NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN, JP  
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[86] 2002-09-19 (PCT/JP2002/009655)  
[87] 2003-04-03 (WO2003/026504)  
[30] JP (2001-286997) 2001-09-20

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[13] A1

[51] Int.Cl. 7H04Q 7/34  
[25] EN  
[54] SYSTEM AND METHOD FOR EMULATING MOBILE NETWORKS AND RELATED DEVICE  
[54] SYSTEME ET PROCEDE PERMETTANT D'EMULER DES RESEAUX MOBILES ET DISPOSITIF ASSOCIE  
[72] BARBERIS, SERGIO, IT  
[72] FERRATO, MARCO, IT  
[72] NICASTRO, ANDREA, IT  
[72] BERNASCONI, VALERIO, IT  
[72] FRANCESCHINI, DANIELE, IT  
[72] BIZZARRI, SIMONE, IT  
[72] BESSONE, DANILO, IT  
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[71] TELECOM ITALIA S.P.A., IT  
[85] 2004-03-10  
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[87] 2003-04-03 (WO2003/028394)  
[30] IT (TO2001A000924) 2001-09-28

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[13] A1

[51] Int.Cl. 7H01M 8/02  
[25] EN  
[54] SEPARATOR FOR FUEL CELL AND METHOD FOR PREPARATION THEREOF  
[54] SEPARATEUR DE PILE A COMBUSTIBLE ET PREPARATION CORRESPONDANTE  
[72] UTSUNOMIYA, MASAO, JP  
[72] TSUJI, MAKOTO, JP  
[72] OHTANI, TERUYUKI, JP  
[71] HONDA GIKEN KABUSHIKI KAISHA, JP  
[85] 2004-03-10  
[86] 2002-07-22 (PCT/JP2002/007397)  
[87] 2003-04-03 (WO2003/028134)  
[30] JP (2001-285106) 2001-09-19  
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7G06F 17/30 7G01N 33/50 7G01N 33/53  
7G06F 17/60  
[25] EN  
[54] DIAGNOSIS AND MONITORING OF SYSTEMIC LUPUS ERYTHEMATOSUS AND OF SCLERODERMA  
[54] DIAGNOSTIC ET CONTROLE DU LUPUS ERYTHEMATEUX SYSTEMATIQUE ET DE LA SCLERODERMIE  
[72] MANZI, SUSAN M., US  
[72] AHEARN, JOSEPH M., US  
[71] UNIVERSITY OF PITTSBURGH, US  
[85] 2004-03-10  
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7A61K 9/70  
[25] EN  
[54] TRANSDERMAL  
ADMINISTRATION OF AN ENALAPRIL  
ESTER  
[54] ADMINISTRATION  
TRANSCUTANEE D'UN ESTER  
D'ENALAPRIL  
[72] LI, CHENGSHENG, US  
[72] NGUYEN, VIET, US  
[71] NOVEN PHARMACEUTICALS, INC.,  
US  
[85] 2004-03-10  
[86] 2002-09-13 (PCT/US2002/025981)  
[87] 2003-03-20 (WO2003/022270)  
[30] US (60/318,632) 2001-09-13  
[30] US (10/014,785) 2001-12-14

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[13] A1

[51] Int.Cl. 7A61N 1/372  
[25] EN  
[54] CONTROLLABLE  
DEACTIVATION OF IMPLANTABLE  
DEVICE FUNCTIONS  
[54] SUSPENSION DE DISPOSITIF  
IMPLANTABLE  
[72] KAPRAL, VINCENT W., US  
[72] HUDELBANK, MARK, US  
[72] STONE, BRADLEY A., US  
[72] MALARET, ENRIQUE, US  
[72] OUSDIGIAN, KEVIN T., US  
[72] GUNDERSON, BRUCE D., US  
[72] ERICKSEN, JAMES H., US  
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[71] MEDTRONIC, INC., US  
[85] 2004-03-10  
[86] 2002-08-20 (PCT/US2002/026485)  
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[30] US (09/952,886) 2001-09-11

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[25] EN  
[54] SAMPLE VESSELS  
[54] TUBES ECHANTILLONS  
[72] KOPCZYNSKI, KEVIN R., US  
[72] CHEN, LINGJUN, US  
[72] CHEN, SHUQI, US  
[72] BRADLEY, TRUMAN B., US  
[71] IQUUM, INC., US  
[85] 2004-03-10  
[86] 2002-09-11 (PCT/US2002/028951)  
[87] 2003-03-20 (WO2003/022435)  
[30] US (60/318,768) 2001-09-11

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[13] A1

[51] Int.Cl. 7B05C 17/10 7A61B 17/00  
[25] EN  
[54] KIT AND METHOD FOR  
DISPENSING AN ADHESIVE TISSUE  
SEALANT  
[54] NECESSAIRE ET PROCEDE DE  
DISTRIBUTION D'UN AGENT  
D'ETANCHEIFICATION D'UN TISSU  
ADHESIF  
[72] COMSTOCK, KRISTEN L., US  
[72] VELASQUEZ, DAVID J., US  
[72] GRUSSING, DUANE M., US  
[72] DODGE, LARRY H., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-03-10  
[86] 2002-08-06 (PCT/US2002/024792)  
[87] 2003-03-20 (WO2003/022457)  
[30] US (09/953,037) 2001-09-12

**[21] 2,460,194**  
[13] A1

[51] Int.Cl. 7B05D 1/04 7B05D 3/00  
[25] EN  
[54] METHOD FOR COATING,  
PRETREATMENT COMPOSITION  
BEFORE ELECTROSTATIC COATING,  
AND ARTICLES MADE THEREFROM  
[54] AMELIORATIONS APORTEES A  
UN PROCEDE UNE ET COMPOSITION  
DE REVETEMENT  
ELECTROSTATIQUE ET ARTICLES  
AINSI OBTENUS  
[72] STAY, KEVIN, US  
[71] MCPHERSON, MATHEW, US  
[85] 2004-03-10  
[86] 2002-08-22 (PCT/US2002/026688)  
[87] 2003-03-20 (WO2003/022460)  
[30] US (09/953,014) 2001-09-13

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[13] A1

[51] Int.Cl. 7B22D 17/14 7B22D 17/32  
[25] EN  
[54] METHOD FOR CONTROLLING A  
VACUUM VALVE OF A VACUUM  
DIECASTING DEVICE AND VACUUM  
DIECASTING DEVICE  
[54] PROCEDE DE COMMANDE D'UNE  
SOUPAPE A VIDE D'UN DISPOSITIF DE  
MOULAGE SOUS VIDE ET DISPOSITIF  
DE MOULAGE SOUS VIDE  
[72] WENZEL, ELISABETH, DE  
[72] AUER, DIETER, DE  
[72] BAGNOUD, CHRISTOPHE, CH  
[72] WAHRISCH, KLAUS, DE  
[72] WUEST, JUERGEN, DE  
[71] ALCAN BDW GMBH & CO. KG, DE  
[85] 2004-03-10  
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[30] DE (101 44 945.3) 2001-09-12

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[13] A1

[51] Int.Cl. 7B23K 26/00 7B23K 26/36  
7B23K 26/40  
[25] EN  
[54] LASER ETCHING INDICIA  
APPARATUS  
[54] APPAREIL POUR EMPREINTES  
PAR GRAVURE AU LASER  
[72] TRPKOVSKI, PAUL, US  
[71] CARDINAL IG COMPANY, US  
[85] 2004-03-10  
[86] 2002-09-10 (PCT/US2002/028772)  
[87] 2003-03-20 (WO2003/022505)  
[30] US (60/322,558) 2001-09-12  
[30] US (10/084,113) 2002-02-25

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[13] A1

[51] Int.Cl. 7B65D 50/04 7B65D 55/02  
[25] EN  
[54] CONTAINER WITH LOCKING  
DEVICE  
[54] RECEPTABLE AVEC DISPOSITIF  
DE FERMETURE  
[72] FRASER, ANTHONY HENRY  
JOSEPH, GB  
[72] FARRAR, PETER ANTONY, GB  
[71] DUBOIS LIMITED, GB  
[85] 2004-03-10  
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[87] 2003-03-20 (WO2003/022706)  
[30] GB (0121867.6) 2001-09-11

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[25] EN  
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[54] EXTRAITS STANDARDISES DE SCUTELLARIA LATERIFLORA  
[72] WOLFSON, PHILIP, US  
[72] HOFFMANN, DAVID LUDWIG, US  
[72] TEMPESTA, MICHAEL S., US  
[71] PHYTOS, INC., US  
[85] 2004-03-11  
[86] 2002-09-17 (PCT/US2002/029309)  
[87] 2003-03-27 (WO2003/024470)  
[30] US (60/323,048) 2001-09-17

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[13] A1

[51] Int.Cl. 7C12N 5/00 7C12M 3/00  
[25] EN  
[54] METHOD FOR PRODUCTION OF RECOMBINANT PROTEINS IN EUKARYOTE CELLS  
[54] TECHNIQUE DE PRODUCTION DE PROTEINES DE RECOMBINAISON DANS DES CELLULES EUCARYOTES  
[72] KNUDSEN, IDA MOLGAARD, DK  
[71] NOVO NORDISK HEALTH CARE AG, CH  
[85] 2004-03-10  
[86] 2002-09-20 (PCT/DK2002/000612)  
[87] 2003-04-10 (WO2003/029442)  
[30] DK (PCT/DK01/00632) 2001-10-02  
[30] DK (PCT/DK01/00634) 2001-10-02  
[30] DK (PA 2002 00460) 2002-03-26

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[13] A1

[51] Int.Cl. 7B01D 65/02  
[25] EN  
[54] HIGH SOLIDS MODULE  
[54] MODULE A CONCENTRATION ELEVEE DE SOLIDES  
[72] JOHNSON, WARREN THOMAS, AU  
[72] BECK, THOMAS WILLIAM, AU  
[71] U.S. FILTER WASTEWATER GROUP, INC., US  
[85] 2004-03-11  
[86] 2002-09-17 (PCT/AU2002/001272)  
[87] 2003-03-27 (WO2003/024575)  
[30] AU (PR7742) 2001-09-18

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[13] A1

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7C12Q 1/70  
[25] EN  
[54] RAPID AND SENSITIVE DETECTION OF CELLS AND VIRUSES  
[54] DETECTION RAPIDE ET SENSIBLE DE CELLULES ET DE VIRUS  
[72] STRAUS, DON, US  
[71] GENOMIC PROFILING SYSTEMS, INC., US  
[85] 2004-03-02  
[86] 2002-09-06 (PCT/US2002/028434)  
[87] 2003-09-12 (WO2003/073817)  
[30] US (60/317,658) 2001-09-06

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] AN INTELLIGENCE SYSTEM AND A METHOD OF GENERATING FLAGS FOR USE THEREIN  
[54] SYSTEME INTELLIGENT ET PROCEDE DE GENERATION D'INDICATEURS DESTINES A CE SYSTEME  
[72] MARRS, LEO RICHARD, JR., US  
[72] FORDHAM, WALTER, CA  
[72] CHENDER, MICHAEL, CA  
[71] COEMERGENCE INC., CA  
[85] 2004-03-11  
[86] 2002-09-12 (PCT/CA2002/001383)  
[87] 2003-03-27 (WO2003/025808)  
[30] US (09/953,829) 2001-09-17

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[13] A1

[51] Int.Cl. 7A61K 7/075 7A61K 7/06  
7A61K 7/48  
[25] EN  
[54] ANHYDROUS COSMETIC COMPOSITIONS CONTAINING POLYOLS  
[54] COMPOSITIONS COSMETIQUES ANHYDRES CONTENANT DES POLYOLS  
[72] NAKAJIMA, KUMIKO, JP  
[72] UCHIDA, MIKIO, JP  
[72] AZUMA, MISA, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-03-15  
[86] 2002-10-22 (PCT/US2002/033842)  
[87] 2003-05-08 (WO2003/037281)  
[30] US (60/340,990) 2001-10-30

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[13] A1

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[25] EN  
[54] ANHYDROUS COSMETIC COMPOSITIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS  
[54] COMPOSITIONS COSMETIQUES ANHYDRES CONTENANT DES COMPOSES D'AMMONIUM QUATERNAIRES  
[72] NAKAJIMA, KUMIKO, JP  
[72] UCHIDA, MIKIO, JP  
[72] AZUMA, MISA, JP  
[72] MITSUMATSU, ARATA, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-03-15  
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[87] 2003-05-08 (WO2003/037280)  
[30] US (60/340,989) 2001-10-30

**[21] 2,460,241**  
[13] A1

[51] Int.Cl. 7H01M 8/02 7H01M 8/24  
[25] EN  
[54] MODULAR FUEL CELL CARTRIDGE AND STACK  
[54] CARTOUCHE MODULAIRE INTEGREE ET EMPILEMENT DE PILES A COMBUSTIBLE ELECTROCHIMIQUE  
[72] XIE, TUYU, CA  
[72] KING, DAVID C., CA  
[72] ABDOU, MOHAMED, CA  
[72] ANDRIN, PETER, CA  
[71] DU PONT CANADA INC., CA  
[85] 2004-03-11  
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[30] US (60/323,061) 2001-09-18

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425 7A61K 31/44 7C07D 233/54  
[25] EN  
[54] SIMPLIFIED SARCODICTYN  
DERIVATIVES AS ANTI-TUMOR  
AGENTS  
[54] DERIVES DE SARCODICTYNE A  
STRUCTURE CHIMIQUE SIMPLIFIEE,  
UTILISES COMME AGENTS  
ANTITUMORAUX  
[72] GENNARI, CESARE, IT  
[72] TELSER, JOACHIM, DE  
[72] BEUMER, RAPHAEL, DE  
[72] MONGELLI, NICOLA, IT  
[72] MENICHINCHERI, MARIA, IT  
[72] CIOMEI, MARINA, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
[71] UNIVERSITA' DEGLI STUDI DI  
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[85] 2004-03-11  
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[87] 2003-03-27 (WO2003/024529)  
[30] GB (0122257.9) 2001-09-14

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[13] A1

[51] Int.Cl. 7C09J 7/02  
[25] EN  
[54] EASILY STUCK ADHESIVE SHEET  
AND ITS MANUFACTURE METHOD  
[54] FEUILLE ADHESIVE FACILE A  
COLLER ET SON PROCEDE DE  
PRODUCTION  
[72] WAKASA, TAKEHIKO, JP  
[72] SAKURAI, SATOSHI, JP  
[72] TSUZUKI, FUMIAKI, JP  
[71] LINTEC CORPORATION, JP  
[85] 2004-03-11  
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[51] Int.Cl. 7G08G 1/09 7G08G 1/0969  
7G01C 21/26  
[25] EN  
[54] SIMPLIFIED TRAFFIC  
INFORMATION GENERATION  
METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL DE  
GENERATION SIMPLIFIEE  
D'INFORMATIONS RELATIVES AU  
TRAFC  
[72] ADACHI, SHINYA, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[85] 2004-03-11  
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[87] 2003-03-27 (WO2003/025883)  
[30] JP (2001-278369) 2001-09-13

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[13] A1

[51] Int.Cl. 7G01K 3/04  
[25] EN  
[54] TIME-TEMPERATURE  
INTEGRATING INDICATOR  
[54] INDICATEUR INTEGRATEUR  
TEMPS-TEMPERATURE  
[72] SPEVACEK, JOHN A., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-03-11  
[86] 2002-08-15 (PCT/US2002/025825)  
[87] 2003-03-27 (WO2003/025530)  
[30] US (09/952,965) 2001-09-14

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[25] EN  
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AND TREATING HEART DISEASE  
[54] METHODES PERMETTANT DE  
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[72] ROTTBAUER, WOLFGANG, DE  
[72] FISHMAN, MARK C., US  
[71] THE GENERAL HOSPITAL  
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[51] Int.Cl. 7C12N 1/21 7A61K 31/00  
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7C12Q 1/68 7A61K 31/70  
[25] EN  
[54] METHODS FOR DIAGNOSING  
AND TREATING DISEASES AND  
CONDITIONS OF THE HEART OR  
DIGESTIVE SYSTEM, AND CANCER  
[54] METHODES DE DIAGNOSTIC ET  
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[71] GENENTECH, INC., US  
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[25] EN  
[54] NETWORK POLYMERS  
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[72] DETTLOFF, MARVIN L., US  
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[72] HOUZE, JONATHAN, US  
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[72] SHARMA, RAJIV, US  
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AND METHOD  
[54] PROCEDE ET DISPOSITIF DE  
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[72] KIM, MIN-GOO, KR  
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[72] PARK, SUNG-JIN, KR  
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[72] MINK, ROBERT I., US  
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[25] EN  
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IMMUNE RESPONSE  
[54] CHIMIOKINES EN TANT  
QU'AGENTS AUXILIAIRES DE  
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[72] BRIERE, FRANCINE, FR  
[72] VANBERVLIET, BEATRICE, FR  
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[13] A1

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[25] EN  
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[54] SYSTEMES ET PROCEDES DESTINES A SURVEILLER DEPUIS LA TERRE DES FREQUENCES SATELLITES REUTILISEES AFIN DE REDUIRE L'INTERFERENCE POTENTIELLE  
[72] KARABINIS, PETER D., US  
[71] MOBILE SATELLITE VENTURES LP, US  
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[54] PROCEDE SERVANT A TRAITER DES MALADIES DE LA PEAU  
[72] GENDIMENICO, GERARD J., US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
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[72] ACHA GANDARIAS, PEDRO, ES  
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[54] APPLICATEUR DESTINE A DES APPAREILS D'ETIQUETAGE  
[72] CONSTANTINE, ALAN, GB  
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[54] PROCEDE DE PREPARATION DE TETRAHYDROBENZOTHIOPINES CRISTALLINES  
[72] PARK, JUNG MIN, US  
[72] MUDIPALLI, PARTHA S., US  
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[25] EN  
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[54] UTILISATION D'UNE PROTEINE POUR PREPARER UN MEDICAMENT SERVANT A STIMULER LE SYSTEME IMMUNITAIRE INNÉ NON SPECIFIQUE  
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[72] MANFREDI, ANGELO, IT  
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[72] DIERKING, MARK LEE, US  
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[25] EN  
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[54] DISPOSITIF NANOPOREUX MICROFABRIQUE POUR LA LIBERATION PROLONGEE D'UN AGENT THERAPEUTIQUE  
[72] MARTIN, FRANCIS J., US  
[72] BOIARSKI, ANTHONY A., US  
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[54] COMPOSITION PULVERISABLE POUR APPLICATIONS MINIERES  
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[25] EN  
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[54] PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL PERMETTANT D'AMELIORER LE RAPPORT SIGNAL SUR BRUIT  
[72] WASSERMAN, YORAM, IL  
[71] IMAGYN MEDICAL TECHNOLOGIES, INC., US  
[85] 2004-03-11  
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[54] APPAREIL ET PROCEDE PERMETTANT UNE COMPRESSION-EXPANSION DEPENDANT DU NIVEAU, POUR LA REDUCTION DE BRUIT AUDIO SANS FIL  
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[71] SHURE INCORPORATED, US  
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[54] ELEMENT TUBULAIRE INTERIEUR FLEXIBLE ET INSTRUMENT DE DECOUPE ROTATIVE DE TISSUS COMPRENANT L'EDIT ELEMENT TUBULAIRE  
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[54] METHODES ET COMBINAISONS THERAPEUTIQUES UTILES POUR LE TRAITEMENT DU XANTHOME EFFECTUE AVEC DES INHIBITEURS D'ABSORPTION DU STEROL  
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[54] DELIVRANCE DE CAFEINE PAR VOIE INHALEE  
[72] RABINOWITZ, JOSHUA D., US  
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[54] METHODES DE TRAITEMENT OU DE PREVENTION D'UNE INFLAMMATION VASCULAIRE AU MOYEN D'UN OU D'INHIBITEURS D'ABSORPTION DE STEROL  
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[71] SCHERING CORPORATION, US  
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[72] AYZENSHTYN, MIKHAIL, US  
[72] PAPANEK, TOM, US  
[72] NOVAK, EUGENE J., US  
[71] DENTSPLY INTERNATIONAL, INC., US  
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[72] LI, HAO, US  
[72] JAMES, DAVID, US  
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[30] US (60/322,022) 2001-09-13

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[72] FANG, QUN K., US  
[72] SENANAYAKE, CHRIS H., US  
[72] JERUSSI, THOMAS P., US  
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[51] Int.Cl. 7C07C 309/01 7C07C 309/02  
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[25] EN  
[54] HYDROXYFATTYSULFONIC ACID ANALOGS  
[54] ANALOGUES D'ACIDES GRAS HYDROXYSULFONIQUES  
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[72] MIYATA, NORIYUKI, JP  
[72] CHONAN, TOMOMICHI, JP  
[72] OKUYAMA, SHIGERU, JP  
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[72] TODA, YOSHIHISA, JP  
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[51] Int.Cl. 7A61P 27/02 7A61K 31/5377  
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[25] EN  
[54] SYSTEMATICAL ADMINISTRATION OF SOME OXAZOLIDINONES, E.G. LINEZOLID, FOR THE TREATMENT FOR OCULAR INFECTIONS  
[54] ADMINISTRATION SYSTEMATIQUE DE CERTAINES OXAZOLIDINONES, TELLES QUE DU LINEZOLIDE, POUR TRAITER DES INFECTIONS OCULAIRES  
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[54] SYSTEMES ET PROCEDES DE COMMUNICATION RADIOTELEPHONIQUE PAR SATELLITE MULTIBANDE/ MULTIMODE  
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[54] SYSTEME ET PROCEDE D'EVALUATION D'UN INVENTAIRE  
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[71] ELECTRONIC DATA SYSTEMS CORPORATION, US  
[85] 2004-03-11  
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[25] EN  
[54] RANDOM BUTADIENE-ISOPRENE COPOLYMERS WITH A TRANS-1,4 STRUCTURE  
[54] COPOLYMERES ALEATOIRES BUTADIENE-ISOPRENE PRESENTANT UNE STRUCTURE TRANS-1,4  
[72] SANTI, ROBERTO, IT  
[72] BATTISTELLA, MARCO, IT  
[72] SOMMAZZI, ANNA, IT  
[72] MASI, FRANCESCO, IT  
[72] RICCI, GIOVANNI, IT  
[71] ENI S.P.A., IT  
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[25] EN  
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[54] PROCEDES, KITS ET COMPOSITIONS D'HYBRIDATION CHROMOGENE IN SITU  
[72] SHI, ZUO-RONG, US  
[72] WU, RINA, US  
[71] ZYMED LABORATORIES, INC., US  
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[30] US (09/952,851) 2001-09-14  
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7A61K 39/395 7G01N 33/50 7C07K 14/705  
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[54] NOVEL POLYPEPTIDE, DNA THEREOF AND USE OF THE SAME  
[54] NOUVEAU POLYPEPTIDE, ADN ASSOCIE ET UTILISATION DE CE POLYPEPTIDE  
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[72] NAGI, TOSHIMI, JP  
[72] KITADA, CHIEKO, JP  
[72] MATSUMOTO, HIROKAZU, JP  
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[25] EN  
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MONOOXYGENASE  
[54] GENE CODANT LA  
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MONOOXYGENASE  
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[25] EN  
[54] PEPTIDES AND PROTEINS  
BINDING TO GLU-PRO MOTIFS,  
THERAPEUTICAL COMPOSITIONS  
CONTAINING THEM AND THEIR  
APPLICATIONS  
[54] MOLECULES SE LIANT AVEC DES  
MOTIFS GLU-PRO, COMPOSITIONS  
THERAPEUTIQUES LES  
RENFERMAN, ET APPLICATIONS  
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[71] UNIVERSITE PARIS-SUD, FR  
[71] INSTITUT GUSTAVE ROUSSY - IGR,  
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[54] SYSTEME EFFICACE DE  
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[72] VAN HOUDT, HELENA, BE  
[71] VLAAMS INTERUNIVERSITAIR  
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[25] EN  
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SYSTEM  
[54] SYSTEME DE DETECTION PAR  
SONDE DE DIAGNOSTIC  
[72] BLAIR, LINDLEY, US  
[72] LEE, JAR-HOW, US  
[72] SAITO, KATSUYUKI, US  
[71] ONE LAMBDA, US  
[85] 2004-03-23  
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7C12N 15/09 7G01N 33/48 7G01N 33/567  
7G01N 33/574 7C12N 15/63 7C12Q 1/68  
7C12N 15/70 7C12N 15/74  
[25] EN  
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PREVENTING CANCER USING  
CABLES  
[54] DIAGNOSTIC, TRAITEMENT ET  
PREVENTION DU CANCER GRACE A  
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[72] ZUKERBERG, LAWRENCE R., US  
[72] WU, CHIN-LEE, US  
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7C12N 5/16 7A61K 39/395 7G01N 33/53  
[25] EN  
[54] ANTIBODY AND USE OF THE  
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[54] ANTICORPS ET UTILISATION DE  
CE DERNIER  
[72] HORIKOSHI, YASUKO, JP  
[72] OHTAKI, TETSUYA, JP  
[72] KITADA, CHIEKO, JP  
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[25] EN  
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[54] COMPOSITIONS DE NANOMACHINE ET LEURS PROCEDES D'UTILISATION  
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[71] EGEA BIOSCIENCES, INC., US  
[85] 2004-03-17  
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[25] EN  
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[54] TAOJIK UTILISES EN TANT QUE MODIFICATEURS DE LA VOIE BETA-CATENINE ET PROCEDES D'UTILISATION ASSOCIES  
[72] DORA, EMERY G., III, US  
[72] COSTA, MICHAEL A., US  
[72] GENDREAU, STEVEN BRIAN, US  
[72] NICOLL, MONIQUE, US  
[72] LARSON, JEFFREY S., US  
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[25] EN  
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[54] AGENTS POROGENES POUR CIMENTS ORTHOPEDIQUES  
[72] LANDERYOU, TRACY J., US  
[72] TOTH, CAROL ANN, US  
[72] KULKARNI, SHAILESH C., US  
[72] DALAL, PARESH S., US  
[71] STRYKER CORPORATION, US  
[85] 2004-03-19  
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[25] EN  
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[54] PROCEDE POUR CONFÉRER OU REGULER LA FERTILITÉ D'UN CYTOPLASME À STERILITÉ MALE DE RIZ BT AU MOYEN D'UN GENE DE RESTAURATION DE LA FERTILITÉ, ET PROCEDE D'ESTIMATION DE LA PRÉSENCE D'UN GENE DE RESTAURATION DE LA FERTILITÉ  
[72] KOMORI, TOSHIYUKI, JP  
[72] MURAI, NOBUHIKO, JP  
[72] HIEI, YUKOH, JP  
[72] OHTA, SHOZO, JP  
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[71] SYNGENTA LIMITED, GB  
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[30] JP (2001/285247) 2001-09-19  
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[25] EN  
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[54] POLYPEPTIDES DE FACTEUR VII DE COAGULATION HUMAIN  
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[72] PERSSON, EGON, SE  
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[30] DK (PA 2001 01413) 2001-09-27

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[13] A1

[51] Int.Cl. 7C12N 15/11  
[25] EN  
[54] METHOD OF SYNTHESIZING POLYNUCLEOTIDE VIA REVERSE TRANSLATION FROM PROTEIN AND OLIGONUCLEOTIDE TO BE USED IN THIS METHOD  
[54] PROCEDE DE SYNTHESE DE POLYNUCLEOTIDE PAR TRADUCTION INVERSE A PARTIR D'UNE PROTEINE, ET OLIGONUCLEOTIDE UTILISE DANS CE PROCEDE  
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[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
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[25] EN  
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[72] BROWN, DAVID A., US  
[72] YAROSH, DANIEL B., US  
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[25] EN  
[54] PRINTED MATERIALS COMPRISING A SUPPORT HAVING AN OLIGOMER AND/OR A POLYMER APPLIED THEREON, A METHOD FOR PREPARING THE SAME AND A METHOD FOR DELIVERING AND/OR STORING THE SAME  
[54] MATERIAUX IMPRIMÉS COMPRENANT UN SUPPORT RECOUVERT D'UN OLIGOMÈRE ET/OU D'UN POLYMERÉ, LEUR PROCÉDÉ DE PRÉPARATION ET LEUR PROCÉDÉ DE DISTRIBUTION ET/OU DE STOCKAGE  
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[71] KABUSHIKI KAISHA DNAFORM, JP  
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[85] 2004-03-24  
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[87] 2003-04-03 (WO2003/027991)  
[30] JP (2001-291249) 2001-09-25

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[13] A1

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[25] EN  
[54] MUTEINS OF HUMAN NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN AND RELATED PROTEINS  
[54] MUTEINES ISSUES DE LA LIPOCALINE HUMAINE ASSOCIEE A LA GELATINASE DES POLYNUCLEAIRES NEUTROPHILES ET DE PROTEINES LUI ETANT LIEES  
[72] SKERRA, ARNE, DE  
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[71] PIERIS PROTEOLAB AG, DE  
[85] 2004-03-24  
[86] 2002-09-18 (PCT/EP2002/010490)  
[87] 2003-04-10 (WO2003/029463)  
[30] EP (PCT/EP01/11213) 2001-09-27  
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[71] UNIVERSITY OF SASKATCHEWAN, CA  
[85] 2004-03-24  
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[87] 2003-05-15 (WO2003/040305)  
[30] US (09/963,038) 2001-09-24  
[30] US (10/199,550) 2002-07-19

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[25] EN  
[54] NON-NATURAL LABELED AMINO ACID AND METHOD FOR PRODUCING A CONJUGATE OF SAID AMINO ACID AND tRNA  
[54] ACIDE AMINE SYNTHETIQUE MARQUE ET PROCÉDÉ DE CONSTRUCTION D'UN COMPLEXE ACIDE AMINE/ARNt  
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[72] HOHSAKA, TAKAHIRO, JP  
[71] PROTEIN EXPRESS CO., LTD., JP  
[71] HOHSAKA, TAKAHIRO, JP  
[85] 2004-03-24  
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[87] 2004-01-29 (WO2004/009709)  
[30] JP (2002-209736) 2002-07-18

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[54] BLOCAGE DE LA CROISSANCE AXONALE INDUIT PAR LE RECEPTEUR NOGO  
[72] STRITTMATTER, STEPHEN M., US  
[71] YALE UNIVERSITY, US  
[85] 2004-04-05  
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[30] US (09/972,599) 2001-10-06

[21] 2,461,713  
[13] A1

[51] Int.Cl. 7C12N 15/12 7G01N 33/15 7C07K 16/18 7C07K 14/47 7G01N 33/50 7C12Q 1/68  
[25] EN  
[54] SODIUM-INDEPENDENT TRANSPORTER TRANSPORTING SMALL-SIZED NEUTRAL AMINO ACID, GENE THEREOF AND METHOD OF ANALYZING TRANSPORTER FUNCTION BY CONSTRUCTING FUSED PROTEINS ENABLING THE SPECIFICATION OF THE FUNCTION  
[54] TRANSPORTEUR SODIUM-INDEPENDANT D'ACIDE AMINE NEUTRE DE PETITE DIMENSION, SON GENE, ET PROCÉDÉ D'ANALYSE DE LA FONCTION DE CE TRANSPORTEUR PAR CONSTRUCTION DE PROTEINES FUSIONNÉES PERMETTANT DE SPECIFIER SA FONCTION  
[72] KANAI, YOSHIKATSU, JP  
[72] ENDOU, HITOSHI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2004-03-25  
[86] 2002-09-30 (PCT/JP2002/010143)  
[87] 2003-04-10 (WO2003/029466)  
[30] JP (2001-304506) 2001-09-28  
[30] JP (2001-310585) 2001-10-05

[21] 2,461,714  
[13] A1

[51] Int.Cl. 7A61K 39/395 7A61P 29/00 7A61P 37/06 7C07K 16/28  
[25] EN  
[54] TREATMENT OF CHRONIC JOINT INFLAMMATION USING AN ANTIBODY AGAINST THE CD3 ANTIGEN COMPLEX  
[54] TRAITEMENT DE L'INFLAMMATION ARTICULAIRE CHRONIQUE  
[72] ISAACS, JOHN, GB  
[72] WALDMANN, HERMAN, GB  
[72] HALE, GEOFFREY, GB  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2004-03-25  
[86] 2002-09-26 (PCT/GB2002/004358)  
[87] 2003-04-03 (WO2003/026692)  
[30] GB (0123156.2) 2001-09-26

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**[21] 2,461,755**  
[13] A1

[51] Int.Cl. 7C12N 15/53 7C12N 5/00  
7C12P 21/02 7C12N 9/04 7C12N 1/15  
7C12N 1/19 7C12N 1/21 7G01N 33/48  
[25] EN  
[54] GLUCOSE DEHYDROGENASE  
[54] DESHYDROGENASE DE  
GLUCOSE  
[72] SODE, KOJI, JP  
[71] SODE, KOJI, JP  
[85] 2004-03-25  
[86] 2002-09-26 (PCT/JP2002/009943)  
[87] 2003-04-03 (WO2003/027294)  
[30] JP (2001/294846) 2001-09-26

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**[21] 2,461,859**  
[13] A1

[51] Int.Cl. 7C12N 5/02 7C12N 5/08  
[25] EN  
[54] METHODS OF DERIVATION AND  
PROPAGATION OF  
UNDIFFERENTIATED HUMAN  
EMBRYONIC STEM (HES) CELLS ON  
FEEDER-FREE MATRICES AND  
HUMAN FEEDER LAYERS  
[54] PROCEDES DE DERIVATION ET  
DE PROPAGATION DE CELLULES  
SOUCHE EMBRYONNAIRES  
HUMAINES (HES) NON  
DIFFERENCIEES SUR DES MATRICES  
SANS CELLULES NOURRICIERES ET  
SUR DES COUCHES NOURRICIERES  
HUMAINES  
[72] WOON-KHIONG, CHAN, SG  
[72] BONGSO, ARIFFEEN, SG  
[72] RICHARDS, MARK, SG  
[72] CHUI-YEE, FONG, SG  
[71] ES CELL INTERNATIONAL PTE  
LTD., SG  
[85] 2004-03-26  
[86] 2002-09-27 (PCT/AU2002/001324)  
[87] 2003-04-10 (WO2003/029443)  
[30] AU (PR 8028) 2001-09-28  
[30] AU (PS 0789) 2002-02-28  
[30] AU (PS 1812) 2002-04-18  
[30] AU (PS 2364) 2002-05-16

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**[21] 2,462,117**  
[13] A1

[51] Int.Cl. 7C12N 15/54 7C12P 21/02  
7C12N 9/10  
[25] EN  
[54] PROCESS FOR PRODUCING  
.ALPHA.2,3/.ALPHA.2,8-  
SIALYLTRANSFERASE AND SIALIC  
ACID-CONTAINING COMPLEX  
SUGAR  
[54] PROCEDE DE PRODUCTION DE  
\$G(A)2,3/\$G(A)2,8-  
SIALYLTRANSFERASE ET SUCRE  
COMPLEXE CONTENANT DE L'ACIDE  
SIALIQUE  
[72] ENDO, TETSUO, US  
[72] KOIZUMI, SATOSHI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD.,  
JP  
[85] 2004-03-26  
[86] 2002-09-26 (PCT/JP2002/009907)  
[87] 2003-04-03 (WO2003/027297)  
[30] JP (2001-292796) 2001-09-26

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**[21] 2,462,119**  
[13] A1

[51] Int.Cl. 7C12N 15/54 7C12P 21/02  
7C12N 9/10 7C12P 19/18  
[25] EN  
[54] PROCESS FOR PRODUCING  
.ALPHA.1,4-  
GALACTOSYLTRANSFERASE AND  
GALACTOSE-CONTAINING  
COMPLEX SUGAR  
[54] PROCEDE DE FABRICATION DE  
\$G(A)1,4-  
GALACTOSYLTRANSFERASE ET DE  
SUCRE COMPLEXE CONTENANT DU  
GALACTOSE  
[72] KOIZUMI, SATOSHI, JP  
[72] ENDO, TETSUO, US  
[71] KYOWA HAKKO KOGYO CO., LTD.,  
JP  
[85] 2004-03-26  
[86] 2002-09-26 (PCT/JP2002/009908)  
[87] 2003-04-10 (WO2003/029470)  
[30] JP (2001-292797) 2001-09-26

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**[21] 2,462,133**  
[13] A1

[51] Int.Cl. 7C12N 15/09 7C12P 21/02  
7G01N 33/15 7C12Q 1/37 7C12N 9/64  
7C12Q 1/68  
[25] EN  
[54] NOVEL POLYPEPTIDE  
[54] NOUVEAU POLYPEPTIDE  
[72] TAKEDA, MASAYOSHI, JP  
[72] ABE, KUNITAKE, JP  
[72] YAMAJI, NOBORU, JP  
[72] KATOU, MIYUKI, JP  
[72] MATSUI, TETSUO, JP  
[71] YAMANOUCHI PHARMACEUTICAL  
CO. LTD., JP  
[85] 2004-03-26  
[86] 2003-02-19 (PCT/JP2003/001788)  
[87] 2003-08-28 (WO2003/070936)  
[30] JP (2002-43533) 2002-02-20  
[30] JP (2002-273603) 2002-09-19

## **PCT Applications Entering the National Phase**

# Canadian Divisional and Previously Unavailable Laid-Open applications

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,458,873**  
[13] A1  
[51] Int.Cl. 7F01M 11/02 7F02B 63/02  
7F02B 75/02 7F01M 11/06 7F16C 3/14  
[25] EN  
[54] FOUR-STROKE INTERNAL  
COMBUSTION ENGINE  
[54] MOTEUR A COMBUSTION  
INTERNE A QUATRE TEMPS  
[72] HIRSCH, NICHOLAS ROBERT, US  
[72] HUBBARD, BRIAN, US  
[72] BARTELT, RONALD LEE, US  
[72] SCHAEFER, MARK DONALD, US  
[72] WIATROWSKI, DARRELL ALBERT,  
US  
[72] BRAUN, MICHAEL PAUL, US  
[72] HOTZ, PETER, US  
[71] BRIGGS & STRATTON  
CORPORATION, US  
[22] 2000-01-13  
[41] 2000-07-27  
[62] 2,368,207  
[30] US (60/117,215) 1999-01-25

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[21] **2,459,784**  
[13] A1  
[51] Int.Cl. 7A61B 5/11  
[25] EN  
[54] AN INTERACTIVE RESPIRATORY  
REGULATOR  
[54] UN REGULATEUR  
RESPIRATOIRE INTERACTIF  
[72] DE WILLIGEN, CORNELIS  
ADRIAAN, NL  
[72] DEFARES, PETER BERNARD, NL  
[72] VERVEEN, EDUARD THEODORUS,  
NL  
[71] DE WILLIGEN, CORNELIS  
ADRIAAN, NL  
[71] DEFARES, PETER BERNARD, NL  
[71] VERVEEN, EDUARD THEODORUS,  
NL  
[22] 1993-12-23  
[41] 1994-07-07  
[62] 2,152,443  
[30] NL (9202256) 1992-12-24

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[21] **2,460,628**  
[13] A1  
[51] Int.Cl. 7B60T 13/68 7B60T 17/22  
7B61H 13/34 7B60T 13/66  
[25] EN  
[54] MODULAR LOCOMOTIVE BRAKE  
CONTROL UNIT  
[54] UNITE MODULAIRE DE  
COMMANDÉE DE FREIN DE  
LOCOMOTIVE  
[72] NEWTON, RONALD O., US  
[72] ALLEN, JOHN J., US  
[72] PETTIT, D. MARK, US  
[72] WRIGHT, ERIC C., US  
[72] ROOT, KEVIN B., US  
[72] SINK, RICHARD E., US  
[72] PIERCE, BRETT A., US  
[71] NEW YORK AIR BRAKE  
CORPORATION, US  
[22] 1997-09-12  
[41] 1998-03-13  
[62] 2,214,476  
[30] US (60/026,039) 1996-09-13

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[21] **2,458,878**  
[13] A1  
[51] Int.Cl. 7F01M 11/02 7F02B 63/02  
7F02B 75/02 7F01M 11/06 7F16C 3/14  
[25] EN  
[54] FOUR-STROKE INTERNAL  
COMBUSTION ENGINE  
[54] MOTEUR A COMBUSTION  
INTERNE A QUATRE TEMPS  
[72] HUBBARD, BRIAN, US  
[72] HOTZ, PETER, US  
[72] BARTELT, RONALD LEE, US  
[72] SCHAEFER, MARK DONALD, US  
[72] BRAUN, MICHAEL PAUL, US  
[72] HIRSCH, NICHOLAS ROBERT, US  
[72] WIATROWSKI, DARRELL ALBERT,  
US  
[71] BRIGGS & STRATTON  
CORPORATION, US  
[22] 2000-01-13  
[41] 2000-07-27  
[62] 2,368,207  
[30] US (60/117,215) 1999-01-25

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[21] **2,460,453**  
[13] A1  
[51] Int.Cl. 7A61M 11/02  
[25] EN  
[54] NEBULIZER APPARATUS AND  
METHOD  
[54] PROCÉDÉ ET DISPOSITIF DE  
NEBULISATION  
[72] FOLEY, MARTIN, CA  
[72] GRYCHOWSKI, JERRY R., US  
[72] BARAN, GEORGE, CA  
[71] TRUDELL MEDICAL LIMITED, CA  
[22] 1997-02-13  
[41] 1997-08-21  
[62] 2,245,948  
[30] US (08/600,419) 1996-02-13

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[21] **2,460,997**  
[13] A1  
[51] Int.Cl. 7A47L 11/33 7A47L 11/32  
7A47L 11/40  
[25] EN  
[54] SURFACE CLEANING  
APPARATUS  
[54] APPAREIL DE NETTOYAGE DE  
SURFACE  
[72] GREY, NICHOLAS, GERALD, GB  
[71] GREY, NICHOLAS, GERALD, GB  
[22] 2002-07-19  
[41] 2003-01-30  
[62] 2,451,958  
[30] GB (0117722.9) 2001-07-20  
[30] GB (0127652.6) 2001-11-17

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[21] 2,461,002  
[13] A1

[51] Int.Cl. 7A47L 11/33 7A47L 11/24  
7A47L 11/32 7A47L 11/40  
[25] EN  
[54] SURFACE CLEANING APPARATUS  
[54] APPAREIL DE NETTOYAGE DE SURFACE  
[72] GREY, NICHOLAS, GERALD, GB  
[71] GREY, NICHOLAS, GERALD, GB  
[22] 2002-07-19  
[41] 2003-01-30  
[62] 2,451,958  
[30] GB (0117722.9) 2001-07-20  
[30] GB (0127652.6) 2001-11-17

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[21] 2,461,037  
[13] A1

[51] Int.Cl. 7H01R 12/16 7H05K 1/00  
[25] EN  
[54] DIFFERENTIAL SIGNAL ELECTRICAL CONNECTORS  
[54] CONNECTEURS ELECTRIQUES POUR SIGNAUX DIFFÉRENTIELS  
[72] GAILUS, MARK W., US  
[72] STOKOE, PHILIP T., US  
[72] COHEN, THOMAS S., US  
[71] TERADYNE, INC., US  
[22] 1999-11-24  
[41] 2001-05-31  
[62] 2,392,322

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[21] 2,461,038  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 3/14  
[25] EN  
[54] SYSTEM AND METHOD FOR DISPLAYING SELECTED GARMENTS ON A COMPUTER-SIMULATED MANNEQUIN  
[54] SYSTEME ET METHODE DE PRESENTATION DE VETEMENTS SELECTIONNES SUR UN MANNEQUIN VIRTUEL  
[72] TRUDEAU, CAROLINE M., CA  
[72] GUEVIN, PATRICK R., CA  
[72] GUAY, LOUISE L., CA  
[72] COTE, SYLVAIN B., CA  
[72] SALDANHA, CARLOS, CA  
[72] MORCOS, NADER, CA  
[72] BACHAALANI, FADI G., CA  
[72] FRONCIONI, ANDREA M., CA  
[72] SAUMIER-FINCH, GREGORY J., CA  
[72] ST-ARNAUD, JEAN-FRANCOIS, CA  
[72] VEILLET, SERGE, CA  
[72] KRUSZEWSKI, PAUL A., CA  
[71] MY VIRTUAL MODEL INC., CA  
[22] 1999-11-15  
[41] 2001-05-15  
[62] 2,289,413

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[21] 2,461,045  
[13] A1

[51] Int.Cl. 7B65G 1/04  
[25] EN  
[54] AUTOMATED STORAGE AND RETRIEVAL SYSTEM  
[54] SYSTEME DE STOCKAGE ET DE RECUPERATION AUTOMATIQUE  
[72] GREENZANG, FRED, US  
[72] CASTALDI, JOHN, US  
[71] RICHARDS-WILCOX, INC., US  
[22] 1991-08-01  
[41] 1992-02-20  
[62] 2,067,214  
[30] US (07/561,112) 1990-08-01

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[21] 2,461,049  
[13] A1

[51] Int.Cl. 7H04H 1/00  
[25] EN  
[54] METHOD FOR AUTOMATICALLY PROVIDING RADIO CHECKS TO VEHICLE RADIOS  
[54] METHODE POUR FOURNIR AUTOMATIQUEMENT DES VERIFICATIONS RADIOS A DES VEHICULES AYANT DES RADIOS  
[72] SIMON, GARY B., US  
[72] WARTOFSKY, DAVID, US  
[71] POTOMAC AVIATION TECHNOLOGY CORP., US  
[22] 1995-03-16  
[41] 1995-09-28  
[62] 2,186,134  
[30] US (08/215,926) 1994-03-22

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[21] 2,461,063  
[13] A1

[51] Int.Cl. 7D21H 27/02 7D21F 11/00  
[25] EN  
[54] CELLULOSIC WEB, METHOD AND APPARATUS FOR MAKING THE SAME USING PAPERMAKING BELT HAVING ANGLED CROSS-SECTIONAL STRUCTURE, AND METHOD OF MAKING THE BELT  
[54] BANDE CELLULOSIQUE, PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE LADITE BANDE A L'AIDE D'UNE COURROIE A STRUCTURE TRANSVERSALE ANGULAIRE, ET PROCEDE DE FABRICATION DE COURROIE  
[72] HUSTON, LARRY LEROY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1998-05-18  
[41] 1998-11-26  
[62] 2,290,494  
[30] US (08/858,661) 1997-05-19  
[30] US (08/858,662) 1997-05-19

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,461,093**  
[13] A1

[51] Int.Cl. 7H01L 31/0352 7H01L 27/146  
[25] EN  
[54] QUANTUM EFFICIENCY  
IMPROVEMENTS IN ACTIVE PIXEL  
SENSORS  
[54] AMELIORATIONS DU  
RENDEMENT QUANTIQUE DANS DES  
DETECTEURS DE PIXELS ACTIFS  
[72] FOSSUM, ERIC, US  
[71] MICRON TECHNOLOGY, INC., US  
[22] 1998-10-05  
[41] 1999-04-15  
[62] 2,305,727  
[30] US (08/944,794) 1997-10-06

[21] **2,461,177**  
[13] A1

[51] Int.Cl. 7E05F 15/18  
[25] EN  
[54] MOVABLE BARRIER OPERATOR  
[54] DISPOSITIF DE FERMETURE DE  
PORTE MOBILE  
[72] FITZGIBBON, JAMES J., US  
[72] WANIS, PAUL E., US  
[72] WILLMOTT, COLIN B., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[22] 1999-09-24  
[41] 2000-03-28  
[62] 2,283,533  
[30] US (161,840) 1998-09-28

[21] **2,461,180**  
[13] A1

[51] Int.Cl. 7E05F 15/18  
[25] EN  
[54] MOVABLE BARRIER OPERATOR  
[54] DISPOSITIF DE FERMETURE DE  
PORTE MOBILE  
[72] FITZGIBBON, JAMES J., US  
[72] WILLMOTT, COLIN B., US  
[72] WANIS, PAUL E., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[22] 1999-09-24  
[41] 2000-03-28  
[62] 2,283,533  
[30] US (161,840) 1998-09-28

[21] **2,461,105**  
[13] A1

[51] Int.Cl. 7H04N 7/16 7H04N 7/173  
[25] EN  
[54] ADVANCED SET TOP TERMINAL  
FOR CABLE TELEVISION DELIVERY  
SYSTEMS  
[54] TERMINAL PERFECTIONNE  
INSTALLABLE SUR UN TELEVEUR  
POUR SYSTEME DE TELEVISION  
CABLE  
[72] BERKOBIN, ERIC C., US  
[72] WUNDERLICH, RICHARD E., US  
[72] HENDRICKS, JOHN S., US  
[72] BONNER, ALFRED E., US  
[71] DISCOVERY COMMUNICATIONS,  
INC., US  
[22] 1993-12-02  
[41] 1994-06-09  
[62] 2,151,461  
[30] US (07/991,074) 1992-12-09

[21] **2,461,178**  
[13] A1

[51] Int.Cl. 7E05F 15/18  
[25] EN  
[54] MOVABLE BARRIER OPERATOR  
[54] DISPOSITIF DE FERMETURE DE  
PORTE MOBILE  
[72] WANIS, PAUL E., US  
[72] WILLMOTT, COLIN B., US  
[72] FITZGIBBON, JAMES J., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[22] 1999-09-24  
[41] 2000-03-28  
[62] 2,283,533  
[30] US (161,840) 1998-09-28

[21] **2,461,452**  
[13] A1

[51] Int.Cl. 7B26B 21/22 7B26B 21/40  
**7B26B 21/54**  
[25] EN  
[54] RAZOR BLADE SYSTEM  
[54] ENSEMBLE LAMES DE RASOIR  
[72] SWANSON, GERALD TED, US  
[72] FLAHERTY, PAUL, US  
[72] METCALF, STEPHEN C., US  
[72] GUAY, MATTHEW JOSEPH, US  
[71] THE GILLETTE COMPANY, US  
[22] 1999-04-20  
[41] 1999-11-04  
[62] 2,328,417  
[30] US (09/066,499) 1998-04-24

[21] **2,461,173**  
[13] A1

[51] Int.Cl. 7E05F 15/16  
[25] EN  
[54] MOVABLE BARRIER OPERATOR  
[54] DISPOSITIF DE FERMETURE DE  
PORTE MOBILE  
[72] WANIS, PAUL E., US  
[72] FITZGIBBON, JAMES J., US  
[72] WILLMOTT, COLIN B., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[22] 1999-09-24  
[41] 2000-03-28  
[62] 2,283,533  
[30] US (161,840) 1998-09-28

[21] **2,461,179**  
[13] A1

[51] Int.Cl. 7E05F 15/18  
[25] EN  
[54] MOVABLE BARRIER OPERATOR  
[54] DISPOSITIF DE FERMETURE DE  
PORTE MOBILE  
[72] FITZGIBBON, JAMES J., US  
[72] WILLMOTT, COLIN B., US  
[72] WANIS, PAUL E., US  
[71] THE CHAMBERLAIN GROUP, INC.,  
US  
[22] 1999-09-24  
[41] 2000-03-28  
[62] 2,283,533  
[30] US (161,840) 1998-09-28

[21] **2,461,459**  
[13] A1

[51] Int.Cl. 7F24F 13/20 7F24F 7/02  
[25] EN  
[54] MODULAR SOFFIT VENT  
[54] EVENT MODULAIRE DE SOFFITE  
[72] CLARK, MICHAEL C., US  
[72] MACLEOD, MARK T., US  
[72] SCHIEDEGGER, CHARLES E., US  
[71] TAPCO INTERNATIONAL  
CORPORATION, US  
[22] 1996-06-06  
[41] 1996-12-07  
[62] 2,178,435  
[30] US (468,191) 1995-06-06  
[30] US (554,889) 1995-11-09

## Canadian Divisional and Previously Unavailable Laid-Open applications

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**[21] 2,461,465**

[13] A1

[51] Int.Cl. 7B26B 21/22 7B26B 21/40

[25] EN

[54] **RAZOR BLADE SYSTEM**

[54] **ENSEMBLE LAMES DE RASOIR**

[72] GUAY, MATTHEW JOSEPH, US

[72] METCALF, STEPHEN C., US

[72] SWANSON, GERALD TED, US

[72] FLAHERTY, PAUL, US

[71] THE GILLETTE COMPANY, US

[22] 1999-04-20

[41] 1999-11-04

[62] 2,328,417

[30] US (09/066,499) 1998-04-24

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**[21] 2,462,725**

[13] A1

[51] Int.Cl. 7A23J 1/14 7A23J 1/00 7A23D

9/007 7A23K 1/14

[25] EN

[54] **DEFATTED CANOLA MEAL WITH**

**REDUCED GLUCOSINOLATE**

**CONTENT**

[54] **FARINE DE CANOLA DEGRAISSE**

**A FAIBLE TENEUR DE**

**GIUCINOLATES**

[72] LOH, WILLIE H.-T., US

[72] ZHEGONG, FAN, US

[72] DEBONTE, LORIN R., US

[71] CARGILL, INCORPORATED, US

[22] 1992-09-30

[41] 1993-04-15

[62] 2,340,611

[30] US (07/767,748) 1991-09-30

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ADAMS, JOHN LEONARD	2,241,957	BABCZINSKI, PETER	2,302,058	BOBST S.A.
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ADKISSON, RICK A.	2,286,726	BADERTSCHER, EMIL	2,072,164	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
ADOBE SYSTEMS, INC.	2,154,951	BADEY, CLAUDE	2,262,494	BOERS, ARIE
ADVANCED ENVIRONMENTAL RECYCLING TECHNOLOGIES, INC.	2,107,239	BAGGOTT, SUSAN BEVAN	2,269,295	BOHANNON, PHILIP L.
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ALCATEL	2,282,679	BANASIAK, ANTHONY R.	2,272,748	BORSCH-KOMPONIETS, VITALY IVANOVICH
ALCATEL ESPACE	2,209,476	BANFIC, ROBERT	2,278,090	BORSCH-KOMPONIETS, VITALY IVANOVICH
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AM - SAFE INCORPORATED	2,286,726	BASF		BRIDGWATER, RAYMOND JOHN
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INTERNATIONAL STANDARD ELECTRIC CORPORATION	2,130,211	KAWAI, NORIO	2,414,600	KUBOTA, YUKIO	2,054,360
INTERWRAP INDUSTRIES INC.	2,285,911	KAWANO, TOSHIBUMI	2,328,251	KUHNE, FRIEDRICH W.	2,091,712
INTEVEP S.A.	2,299,953	KAWATA, KAYOKO	2,339,321	KUMAGAI, TOSHIYA	2,303,549
IRIDIAN TECHNOLOGIES, INC.	2,145,659	KAZIANUS, BABIS	2,279,891	KUMANO, SHINTARO	2,339,321
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				MOTOROLA, INC.
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SANYO ELECTRIC CO., LTD.	2,233,237	SIEMENS AKTIENGESELLSCHAFT	2,196,996	SUGIURA, AKIRA	2,441,159
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AEROSPACE OPTICS, INC.	2,459,967	APPLIED MEDICAL		BASF AKTIENGESELLSCHAFT	2,459,960
AEROSPACE OPTICS, INC.	2,459,968	RESOURCES		BASF AKTIENGESELLSCHAFT	2,460,032
AEROSPACE OPTICS, INC.	2,459,970	CORPORATION	2,457,687	BASF AKTIENGESELLSCHAFT	2,460,088
AFAR, DANIEL	2,459,219	APPLIED RESEARCH SYSTEMS		BASF AKTIENGESELLSCHAFT	2,460,390
AGENSYS, INC.	2,459,318	ARS HOLDING N.V.	2,457,851	BASF CORPORATION	2,456,913
AHEARN, JOSEPH M.	2,460,189	ARAUJO, FRANCISCO M.	2,460,170	BASF CORPORATION	2,460,090
AHLSTROM CORPORATION	2,456,027	AREAUX, LARRY D.	2,459,889	BASF PLANT SCIENCE GMBH	2,459,251
AHLSTROM RESEARCH AND SERVICES	2,456,027	ARITOMO, KEIICHI	2,460,121	BASU, SHIB SANKAR	2,457,477
AIR PRODUCTS AND CHEMICALS, INC.	2,459,865	ARYX THERAPEUTICS	2,457,532	BATIE, CHRISTOPHER J.	2,457,477
AIRSAGE, INC.	2,460,136	ARYX THERAPEUTICS	2,460,150	BATTELLE MEMORIAL	
AISSAOUI, HAMED	2,460,051	ASTRAZENCA AB	2,460,168	INSTITUTE	2,458,615
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		ATES, CELAL	2,459,973	BAUSCH & LOMB,	
		ATLAS COPCO ROCK DRILLS AB	2,455,155	INCORPORATED	2,460,041
		ATLAS COPCO ROCK DRILLS AB	2,459,964	BAUSCHER, INGO	2,460,147
		AUER, DIETER	2,460,070	BAXTER INTERNATIONAL INC.	
		AULER, THOMAS	2,460,195	BAYER CROPSCIENCE GMBH	2,459,992
		AVCI, OKTAY	2,459,752	BAYLOR COLLEGE OF MEDICINE	2,459,752
			2,452,151	BEACON POWER CORPORATION	2,459,969
					2,458,618

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BECTON, DICKINSON AND COMPANY	2,460,063	BRAZIER, GEOF	2,456,190	2,459,318
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GENVEC, INC.	2,454,992	HAM, CHARLES G.	2,456,019	HOLMAN, DAVID	2,458,615
GERBER, JAY D.	2,456,864	HAM, CHARLES G.	2,456,021	HOLMES, BRADLEY J.	2,459,894
GERLACH, HANS-PETER	2,456,917	HAMILTON, PETER		HONDA GIKEN KABUSHIKI KAISHA	2,460,187
GERON CORPORATION	2,459,957	WORTHINGTON	2,458,938	HONEYMAN WATER LIMITED	2,460,159
GESHWIND, FRANK	2,460,133	HAMM, MARK J.	2,460,062	HONEYMAN, TREVOR	2,460,159
GG21 CO., LTD.	2,456,134	HAMMOCK, CORY S.	2,460,156	HONEYWELL INTERNATIONAL	
GIDLEY-BAIRD, ANGUS	2,459,348	HANASH, SAMIR	2,455,418	INC.	2,454,202
GIETZ, MANFRED	2,459,819	HANG, JIANFENG	2,456,166	HONEYWELL INTERNATIONAL INC.	2,459,993
GIFU PREFECTURE	2,457,644	HANNIALA, PEKKA	2,459,962	HONG, SUNG WHEE	2,459,884
GINSBERG, PHILLIP M.	2,459,878	HANNON, MARTIN J.	2,459,884	HOOK, JAMES M.	2,456,012
GISH, KURT C.	2,459,219	HANNUKSELA, MISKA	2,460,004	HOOK, JAMES M.	2,456,017
GITTOS, MAURICE WARD	2,459,009	HARA, KENJI	2,456,106	HORIKOSHI, YASUKO	2,460,803
GLAUG, FRANK S.	2,459,979	HARA, TAKUSHI	2,460,087	HOSHINA, YOICHIRO	2,460,149
GLAZER, ALEXANDER N.	2,454,899	HARRIOTT, GEORGE	2,459,865	HOUEBURG, RODNEY L.	2,455,965
GLEZER, ELI N.	2,460,114	MATTHEW	2,459,865	HOUSTON, EDWARD	2,456,198
GLORIOSO, JOEY	2,459,990	HARRIS BROADBAND	2,459,797	HOUSTON, EDWARD	2,456,202
GLOTZL, ERHARD	2,456,213	WIRELESS ACCESS, INC.	2,459,797	HOUZE, JONATHAN	2,460,313
GOGOLEWSKI, SYLWESTER	2,459,801	HARRIS BROADBAND	2,459,799	HSIAO, KU-CHUAN	2,459,999
GOLD, JOSEPH D.	2,459,957	WIRELESS ACCESS, INC.	2,458,970	HSU, BOB	2,460,348
GOLDIN, MARK A.	2,458,834	HARRISON, BRUCE THOMAS	2,460,018	HUBER, CHRISTIAN	2,460,329
GOLDSTEIN, NEIL I.	2,459,999	HARRY MILLER CO., INC.	2,459,977	HUDDLESTON, MATTHEW J.	2,458,834
GOLDSTEIN, NEIL I.	2,460,055	HART, PAUL R.	2,459,977	HUDELBANK, MARK	2,460,191
		HARTLEY, DAVID ERNEST	2,458,911	HUECKELHOVEN, RALPH	2,459,251
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				HUMES, DAVIS H.	2,459,280

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IFE, ROBERT JOHN	2,459,746	JOHNSON, DAVID W.	2,456,017	KOIZUMI, SATOSHI	2,462,117
IGT	2,455,306	JOHNSON, WARREN THOMAS	2,460,207	KOIZUMI, SATOSHI	2,462,119
IGT	2,460,046	JOLY, JOHN C.	2,460,309	KOJO, ILKKA	2,459,962
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IMAGYN MEDICAL TECHNOLOGIES, INC.	2,460,336	JOULE MICROSYSTEMS CANADA INC.	2,460,071	KOLUMAM, GANESH	2,458,985
IMBOURG, SEBASTIEN	2,460,096	JULEMONT, FABIEN	2,460,144	KOMORI, TOSHIYUKI	2,460,872
INCELL CORPORATION LLC	2,460,095	KABUSHIKI KAISHA		KOPCZYNSKI, KEVIN R.	2,460,192
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INPUT/OUTPUT, INC.	2,459,897	KABUSHIKI KAISHA NIPPON CONCLUX	2,460,002	KOYA, KEIZO	2,459,886
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ION BEAM APPLICATIONS, INC.		KALDEN, JOACHIM R.	2,460,331	KRUMMENACHER, LAURENT	2,456,142
IQ CORPORATION B.V.	2,458,704	KAMEN, MELVIN, E.	2,456,185	KUIPER, JOHAN	2,459,230
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IQUUM, INC.	2,460,192	KAMRUD, KURT I.	2,460,269	KUMARASWAMY, SRIRAM	2,458,405
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IZYKOWSKI, JAN	2,457,316	KAROS, MARVIN	2,459,986	KYOWA HAKKO KOGYO CO., LTD.	2,462,119
JACKSON, MARK D.	2,460,046	KASPERL, STEFAN	2,458,953	LACHANCE, OLIVA V.	2,459,353
JACKSON, PAUL ANTHONY	2,460,083	KATAOKA, MITSUNORI	2,460,147	L'AIR LIQUIDE, SOCIETE	
JAEGER, HANS-ULRICH	2,460,390	KATHREIN-WERKE KG	2,459,393	ANONYME A DIRECTOIRE	
JAKOBOWITS, AYA	2,459,318	KATOU, MIYUKI	2,460,153	ET CONSEIL DE	
JAMES, DAVID	2,460,347	KATZ, ADAM J.	2,462,133	SURVEILLANCE P OUR	
JAMISON, SHARON	2,459,532	KAWASAKI, HISASHI	2,459,202	L'ETUDE ET	
JANDROS, CATHERINE	2,459,929	KAYSER, FRANK	2,460,313	L'EXPLOITATION DES	
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JAPAN SCIENCE AND TECHNOLOGY AGENCY	2,461,010	KELLOMAKI, MARKKU	2,460,068	L'AIR LIQUIDE, SOCIETE	
JAPAN TOBACCO INC.	2,461,713	KELLY, CHARLES	2,459,897	ANONYME A DIRECTOIRE	
JAPAN TOBACCO, INC.	2,460,872	KENNAMETAL INC.	2,460,171	ET CONSEIL DE	
JARRETT, JEREMY	2,460,313	KIEFER, JOACHIM	2,459,775	SURVEILLANCE P OUR	
JARVIS, GEORGE	2,458,834	KIIK, MATTI	2,457,378	L'ETUDE ET	
JAYNES, SCOT ERIC	2,459,891	KIKUCHI, KEN	2,458,101	L'EXPLOITATION DES	
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		KING, DAVID C.	2,460,241	LANDES, ANDREAS	2,460,088
		KING, GARY W.	2,459,603	LANDES, MAX	2,460,088
		KINKEMA, MARK	2,457,477	LANDSBERGER, LESLIE M.	2,459,902
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		KISLEVITZ, ANDROC LUTHER	2,460,058	LARSON, JEFFREY S.	2,460,806
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		KITADA, CHIEKO	2,460,803	LAUFFER, DAVID	2,444,598
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MURAMATSU, MUTSUMI	2,460,006	OHTAKI, TETSUYA	2,460,872	PFISTER, JURG R.	2,460,150
MURANTE, RICHARD S.	2,456,204	OHTANI, TERUYUKI	2,460,803	PHARMACIA & UPJOHN COMPANY	2,460,075
MURCH, STEVE	2,456,181	OHTSUKI, MASAHIKO	2,460,187	PHARMACIA & UPJOHN COMPANY	2,460,126
MURPHREE, LINN A.	2,456,025	OKAGAITO, YASUNARI	2,458,993	PHARMACIA & UPJOHN COMPANY	2,460,360
MURPHY, JOSEPH F.	2,459,894	OKUYAMA, MASAHIRO	2,456,102	PHARMACIA ITALIA S.P.A.	2,460,145
MURPHY, TERENCE LEE	2,458,834	OKUYAMA, SHIGERU	2,460,121	PHARMACIA ITALIA S.P.A.	2,460,244
MUSC FOUNDATION FOR RESEARCH DEVELOPMENT	2,459,533	OLSEN, OLE HVILSTED	2,460,358	PHILLIPS, HEIDI S.	2,460,120
MY2CENTENCES, LLC	2,458,517	OLSON, WALTER H.	2,461,003	PHYTOS, INC.	2,460,203
NADER, BASSAM SALIM	2,458,974	OLSON, WILLIAM C.	2,460,191	PICCALUGA, PIERRE	2,459,954
NAGEL, CHRISTOPH	2,459,828	ONCOPHARM CORPORATION	2,459,426	PICOT, FRANCOISE	2,459,760
NAGI, TOSHIMI	2,460,468	ONE LAMBDA	2,459,822	PIERCE, ALBERT	2,444,598
NAJIB, JAMILA	2,459,945	O'NEAL, DAVID LANCE	2,460,759	PIERIS PROTEOLAB AG	2,461,571
NAJIB, JAMILA	2,459,947	ONEYAMA, CHITOSE	2,460,107	PII LIMITED	2,459,255
NAKAJIMA, KUMIKO	2,460,229	ONO, MITSUNORI	2,458,942	PILLONEL, CHRISTIAN	2,460,122
NAKAJIMA, KUMIKO	2,460,234	ONO, MITSUNORI	2,459,886	PILLONEL, CHRISTIAN	2,460,160
NAKANO, HIROFUMI	2,458,942	ONO, NAOYA	2,460,347	PILLUTLA, RENUKA	2,459,999
NAKANO, YASUKO	2,459,489	OOIZUMI, MITSURU	2,460,358	PILLUTLA, RENUKA	2,460,055
NAKAYAMA, KUNIO	2,460,059	OPEN TV, INC.	2,460,121	PINEDO, HERBERT M.	2,457,287
NANTERO, INC.	2,454,845	OPEXA PHARMACEUTICALS, INC.	2,460,332	PINTO, IVAN LEO	2,459,746
NANTERO, INC.	2,454,895	ORGANIX, INC.	2,459,969	PIRELLI & C. S.P.A.	2,459,907
NAOR, GIL	2,460,043	ORTHEON MEDICAL L.L.C.	2,458,801	PIROTTE, BERNARD	2,460,144
NARISAWA, SHINJI	2,460,167	ORTLIP, CHARLES L.	2,458,834	PISCINES DESJOYAUX S.A.	2,459,929
NASHIMOTO, MASAYUKI	2,461,010	OSTEOTECH, INC.	2,460,088	PLAIN SIGHT SYSTEMS, INC.	2,460,133
NATIONAL RESEARCH COUNCIL OF CANADA	2,460,499	OSTERGAARD, SOREN	2,460,028	PLASMASOL CORPORATION	2,456,198
NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN	2,460,186	OUSDIGIAN, KEVIN T.	2,460,055	PLASMASOL CORPORATION	2,456,202
NEKULA, LAMBERT	2,454,859	OUTOKUMPU OYJ	2,460,191	PLOUET, JEAN	2,456,287
NELSON, DEANNA JEAN	2,459,836	OVERTON, STEVEN, R.	2,459,962	PODREBARAC, GARY G.	2,460,169
NEMOD IMMUNOTHERAPIE AG	2,457,287	OVERTURE NETWORKS, INC.	2,459,799	POLAKIS, PAUL	2,460,120
NEPHROS THERAPEUTICS	2,459,280	PABION, PHILIPPE	2,460,107	POLIMERI EUROPA S.P.A.	2,460,389
NEU, BERNARD THOMAS	2,456,011	PACIFIC NORTHWEST RESEARCH INSTITUTE	2,460,096	PONCET, PHILIPPE	2,460,064
NEUCO, INC.	2,459,953	PADDOCK, TIMOTHY	2,459,077	PORCHIA, JOSE	2,459,870
NEWBURY NETWORKS, INC.	2,459,920	PADINGER, FRANZ	2,456,869	PORCHIA, JOSE	2,459,873
NEWSOM, LARRY J.	2,460,088	PAELL, TAAVI	2,456,213	PORCHIA, JOSE	2,459,922
NEYA, MASAHIRO	2,459,882	PAGE, 65, S.L.	2,458,565	PORCHIA, JOSE	2,459,940
NGK INSULATOR, INC.	2,460,059	PAGE, RAYMOND	2,460,327	POTEET, DARRELL	2,459,892
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PROTEIN DESIGN LABS, INC.	2,459,219	RUECKES, THOMAS	2,454,895	SCHUELE, VOLKER	2,459,819
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PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD.	2,457,930	RUSCITTO, ALFREDO	2,459,809	SCHULKE, NORBERT	2,459,426
PRUDOVSKY, IGOR	2,458,622	RUSS, HERMANN	2,458,628	SCHULTHEISS, HOLGER	2,459,251
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PURPURA, WILLIAM J.	2,454,868	S. C. JOHNSON HOME STORAGE, INC.	2,459,873	SCHUMACHER, DANIEL	2,459,897
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QTL BIOSYSTEMS LLC	2,458,405	SAHA, MURARI	2,457,316	SCOLR, INC.	2,459,014
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RAMOT AT TEL AVIV UNIVERSITY LTD.	2,460,022	SAMBRAILO PACKAGING, INC.	2,458,695	SEKISUI PLASTICS CO., LTD.	2,459,596
RAUCKHORST, MARK RYAN	2,460,075	SAMBRAILO, MARK	2,458,695	SENANAYAKE, CHRIS H.	2,460,348
RAYNER, JONATHAN O.	2,460,269	SAMBRAILO, WILLIAM K.	2,458,695	SENGUPTA, ASHOK	2,459,980
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REBIO GEN, INC.	2,459,489	SAMUELSSON, CAROLINA	2,459,178	SEPRACOR INC.	2,460,348
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REITZ, STEVEN CHARLES	2,460,075	SANOFI-SYNTHELABO	2,460,121	SHABAHAM, SHAHROKH	2,456,055
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RICATTO, PASCAL	2,456,202	SARTORI, FRANCESCO	2,459,768	SHELL CANADA LIMITED	2,460,161
RICCI, GIOVANNI	2,460,389	SASISEKHARAN, RAM	2,459,040	SHEN, ZHONG-HE	2,459,353
RICCIATO, FABIO	2,459,809	SATO, SHUJI	2,460,468	SHENHOLTZ, GIDEON	2,459,921
RICE, ROBERT NORMAN	2,458,970	SAVAGE, CHESTER	2,458,629	SHI, ZUO-RONG	2,460,456
RICHARDS, MARK	2,461,859	SAWADA, AKIHIKO	2,459,882	SHIMOMURA, YUKIO	2,460,468
RIKEN	2,461,413	SAWYER, MICHAEL	2,456,019	SHIN, BYONG M.	2,460,018
RININSLAND, FRAUKE	2,458,405	SAWYER, MICHAEL	2,456,021	SHINGO, TETSURO	2,458,261
RIP, BOUDEWIJN	2,459,776	SAXENA, SHAILAJA ANUPAM	2,458,362	SHINGO, TETSURO	2,460,184
RIPTLEY, DONALD E.	2,458,629	SCHAFFER, LAUGE	2,460,055	SHIREY, CYNTHIA L.	2,458,618
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ROBIN, JEAN-PIERRE	2,459,822	SCHEDL, ADOLF	2,454,859	SHMULEWITZ, ASCHER	2,456,082
ROBINSON, KENNETH	2,460,159	SCHELBERGER, KLAUS	2,460,032	SHODA, AYA	2,460,121
ROCKENSTEIN, EDWARD	2,458,193	SCHEPER, RIK J.	2,457,287	SHOSTAK, ROBERT	2,459,955
ROGERS, RICHARD BREWER	2,458,974	SCHERING CORPORATION	2,460,321	SHRIVER, ZACHARY	2,459,040
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		SCHLUMBERGER CANADA LIMITED	2,460,100	SIEVERNICH, BERND	2,460,088
		SCHMID-GROSSMANN, USCHI	2,458,628	SIFFERLEN, THIERRY	2,460,051
		SCHMIDT, DONALD, JR.	2,457,218	SIGAL, GEORGE	2,460,114
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		SCHNEIDER, HARALD	2,459,958	SIMPLYTHICK LLC	2,459,924
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SMITH, JONATHAN F.	2,460,269	SUGIYAMA, YOSHIHIDE	2,456,102	TEMPESTA, MICHAEL S.	2,460,203
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SMITH, SCOTT J.	2,459,986	SUMITOMO ELECTRIC		TERSYNC LTD.	2,459,829
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THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,458,070	UEMURA, KAZUNORI UENO, TADAATSU	2,455,155	VLAAM'S INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW (VIB)	2,460,686
THE UNIVERSITY OF BUCKINGHAM	2,459,015	UENSAL, OEMER UNILEVER PLC	2,460,229	VLAD, FLORIN JOSEPH	2,459,593
THERAGENICS CORPORATION	2,454,890	UNIROYAL CHEMICAL COMPANY, INC.	2,460,121	VOCERA COMMUNICATIONS, INC.	2,459,955
THERAVANCE, INC.	2,457,215	UNI-SCREW LIMITED	2,460,186	VOERDE, PAER	2,460,070
THERAVANCE, INC.	2,457,218	UNIVERSAL ELECTRONICS INC.	2,459,596	VOLL, REINHARD E.	2,460,331
THIRD MILLENIUM ENGINEERING LLC	2,451,359	UNIVERSITA' DEGLI STUDI DI MILANO	2,459,775	VON FANCHER, J.	2,460,067
THOMPSON, BRADLEY G.	2,458,261	UNIVERSITE D'AUVERGNE - CLERMONT-FERRAND 1	2,458,392	VON FREYBURG, MARTINA	2,457,441
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TMD FRICTION GMBH	2,460,185	UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY	2,455,395	WALDMANN, HERMAN	2,461,714
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TONG, JIANGDONG	2,459,980	VAN ALMSICK, ANDREAS	2,460,806	WANG, HONGMING	2,459,353
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TOTEY, SATISH MAHADEORAO	2,458,362	VAN SCHIE, GREGORY PAUL	2,459,752	WANG, PINGER	2,459,999
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			2,458,958	WHITE, JERRY E.	2,460,312
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			2,459,000	WILLIAM A. COOK AUSTRALIA PTY. LTD.	2,458,911
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BERKOBIN, ERIC C.	2,461,105	POTOMAC AVIATION		
BONNER, ALFRED E.	2,461,105	TECHNOLOGY CORP.		
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CORPORATION	2,458,873	SAUMIER-FINCH, GREGORY J.		
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CORPORATION	2,458,878	SCHAFFER, MARK DONALD		
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FITZGIBBON, JAMES J.	2,461,180	INC.		
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FOLEY, MARTIN	2,460,453	THE CHAMBERLAIN GROUP,		
FOSSUM, ERIC	2,461,093	INC.		
FRONCIONI, ANDREA M.	2,461,038	THE GILLETTE COMPANY		
GAILUS, MARK W.	2,461,037	THE GILLETTE COMPANY		
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HIRSCH, NICHOLAS ROBERT	2,458,873	WANIS, PAUL E.		
HIRSCH, NICHOLAS ROBERT	2,458,878	WANIS, PAUL E.		
HOTZ, PETER	2,458,873	WANIS, PAUL E.		
HOTZ, PETER	2,458,878	WANIS, PAUL E.		
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METCALF, STEPHEN C.	2,461,465	WILLMOTT, COLIN B.		
MICRON TECHNOLOGY, INC.	2,461,093	WILLMOTT, COLIN B.		
MORCOS, NADER	2,461,038	WILLMOTT, COLIN B.		
MY VIRTUAL MODEL INC.	2,461,038	WRIGHT, ERIC C.		
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