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# Canadian Patent Office Record

# La Gazette du Bureau des brevets

Vol. 132 No. 39 September 28, 2004

Vol. 132 N°. 39 le 28 septembre 2004

Canada

CIPO  OPIC

# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

The Canadian 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), siège 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] - Nom(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

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site at: [www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/standards/standards.htm).

### 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection 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.

### 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI à : [www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm).

### 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 0C9.

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 expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

## Notices

### 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.

### 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 *Canadian 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

none

### 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.

### 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.

aucun

## Avis

### 9. Applications Open to Public Inspection

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.

### 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).

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

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés 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. Langue du document publié

Toute personne intéressée à 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 JULY 26, 2004**

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. * International Filing Fee (Rule 15.2(a))</b>	<b>\$1489</b>
Amount for each additional sheet over 30	<b>\$16</b>
<b>3. International Search Fee</b>	<b>\$1600</b>

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))**

#### **7. Preliminary Examination Fee (Rule 58)**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

\* 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 26 JUILLET 2004**

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2.*Taxe de dépôt internationale (Règle 15.2(a))</b>	<b>1489 \$</b>
Montant pour chaque feuille au delà de 30	<b>16 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

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 (Règle 57.2(a))**

#### **7. Taxe d'examen préliminaire (Règle 58)**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

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

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

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### 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>)

#### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization 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 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](mailto:publications.mail@wipo.int) or visit their Web site at <http://www.wipo.int>.

### 13. PRACTICE NOTICE

#### **STATUTORY HOLIDAYS (*DIES NON*)**

**Note:** This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered

### 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 du PCT, <http://www.wipo.int>)

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

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle 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 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](mailto:publications.mail@wipo.int) ou visiter leur site Web à <http://www.wipo.int>.

### 13. ÉNONCÉ DE PRATIQUE

#### **JOURS FÉRIÉS (*DIES NON*)**

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non

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and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

### Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### Time limits under the Patent Cooperation Treaty

#### Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other coun-

du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

### Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

### Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

« Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux circonstances n'existe plus. »

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il

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tries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
- 5) **Ontario :** 1er lundi d'août (congé statuaire)
- 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon :** 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## Notices

### 14. 2005 Patent Agents Examination

Under the provisions of subsection (2) of section 14 of the *Patent Rules*, notice is hereby given that the 2005 examination will be held on April 12, 13, 14 and 15, 2005. A person who proposes to sit for the examination must notify the Commissioner of Patents in writing, file an affidavit or statutory declaration referred to in subsection 2 of section 12 of the *Patent Rules* and pay the prescribed fee (\$200 per paper). The deadline to apply, submit the affidavit or statutory declaration and pay the fee is November 30, 2004. When applying, it is essential to indicate which paper(s) will be written.

### 15. Erratum:

Reference is made to the publication error of the patent grant No. 2,261,629 in the *Canadian Patent Office Record* of September 14, 2004. No patent was granted for this application.

### 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 28, 2004 contains applications open to public inspection from September 5 2004 to September 11, 2004

### 14. Examen d'agents de brevets 2005

Selon les dispositions du paragraphe (2) de l'article 14 des *Règles sur les brevets*, avis est par la présente donné que l'examen de 2005 aura lieu les 12, 13, 14 et 15 avril 2005. Une personne désireuse de subir l'examen doit en aviser le commissaire aux brevets par écrit, remettre un affidavit ou une déclaration solennelle visé au paragraphe 2 de l'article 12 des *Règles sur les brevets* et verser la taxe prévue (200 \$ par épreuve). La date limite pour présenter sa demande, remettre l'affidavit ou la déclaration solennelle et verser la taxe est le 30 novembre 2004. Lorsqu'on présente sa demande, il faut indiquer quelle(s) épreuve(s) on écrira.

### 15. Erratum:

Les renseignements publiés concernant la délivrance du brevet numéro 2,261,629 dans la *Gazette du bureau des brevets* du 14 septembre 2004 étaient fautifs. Aucun brevet n'a été délivré pour cette demande.

### 16. Demandes Canadiennes mises à la disposition du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 5 septembre 2004 au 11 septembre 2004

## **Avis**

# Canadian Patents Issued

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## Brevets canadiens délivrés

28 septembre 2004

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[11] 2,021,414

[13] C

[51] Int.Cl. 5C12P 19/06 5A23L 1/054  
[25] EN  
[54] GENETIC CONTROL OF ACETYLATION AND PYRUVYLATION OF XANTHAN GUM  
[54] CONTROLE GENETIQUE DE L'ACETYLATION ET DE LA PYRUVYLATION DE LA GOMME XANTHANE  
[72] DOHERTY, DANIEL H., US  
[72] HASSSLER, RANDAL A., US  
[73] MONSANTO COMPANY, US  
[22] 1990-07-18  
[30] US (384,621) 1989-07-25

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[11] 2,047,586

[13] C

[51] Int.Cl. 5A61B 5/14  
[25] EN  
[54] FOETAL PULSE OXIMETRY APPARATUS AND METHOD OF USE  
[54] OXYMETRE DE POULS FETAL ET MODE D'EMPLOI  
[72] CHUNG, CHRISTOPHER, US  
[72] McNAMARA, HELEN M., US  
[73] NELLCOR INCORPORATED, US  
[22] 1991-07-23  
[30] EP (90 309 180.9) 1990-08-22

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[11] 2,063,905

[13] C

[51] Int.Cl. 5F16L 51/02  
[25] EN  
[54] CONNECTION SYSTEM FOR A TUYERE  
[54] SYSTEME DE RACCORD POUR UNE TUYERE  
[72] KAMMERLING, BRUNO, DE  
[72] SCHMIDT, RAINER, DE  
[73] STEINFURTER EISENWERK GMBH, DE  
[73] SMS SCHLOEMANN-SIEMAG AG, DE  
[22] 1992-03-26  
[30] DE (P 41 10 628 8-24) 1991-04-02

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[11] 2,066,068

[13] C

[51] Int.Cl. 5B65B 51/30 5B65B 9/08  
5B65B 9/12  
[25] EN  
[54] HEAT SEALING JAW ASSEMBLY  
[54] DISPOSITIF DE THERMOSCELLAGE  
[72] PERRETT, ARNOLD EDWARD, CA  
[73] DU PONT CANADA INC., CA  
[22] 1992-04-15

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[11] 2,075,142

[13] C

[51] Int.Cl. 5B32B 3/12  
[25] EN  
[54] PROCESS FOR THE PRODUCTION OF A HONEYCOMB CORE FROM FOIL STRIP, EQUIPMENT FOR CARRYING OUT THE PROCESS, AND USE OF THE HONEYCOMB CORE FOR THE CONTINUOUS PRODUCTION OF A COMPOSITE PLATE  
[54] PROCEDE DE PRODUCTION D'UNE AME ALVEOLEE A PARTIR D'UN FEUILLARD METALLIQUE, MATERIEL CONNEXE, ET UTILISATION D'UNE TELLE AME POUR LA PRODUCTION EN CONTINU DE PLAQUES COMPOSITES  
[72] MEIER, JOHANNES, CH  
[73] ALCAN TECHNOLOGY & MANAGEMENT AG, CH  
[22] 1992-07-31  
[30] CH (2315/91) 1991-08-05

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[11] 2,079,429

[13] C

[51] Int.Cl. 5D21H 17/31  
[25] EN  
[54] SINGLE OR MULTI-LAYER RECYCLABLE MATERIAL WITH BARRIER PROPERTIES AGAINST HUMIDITY AND GASES, AND PROCESS FOR ITS MANUFACTURE  
[54] MATERIAUX RECYCLABLES MONO OU MULTICOUCHE A PROPRIETES HYDROFUGES OU D'IMPERMEABILITE AUX GAZ, ET PROCEDE DE FABRICATION  
[72] LAGOS, JORGE V., CL  
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[22] 1992-09-29  
[30] CL (971-91) 1991-10-08

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[11] 2,082,405

[13] C

[51] Int.Cl. 5H01S 3/036 5H01S 3/225  
[25] EN  
[54] METHOD FOR EXTENDING THE GAS LIFETIME OF EXCIMER LASERS  
[54] METHODE POUR ACCROITRE LA DUREE DES GAZ DE LASERS A EXCIMERES  
[72] JURSICH, GREGORY M., US  
[72] VON DRASEK, WILLIAM A., US  
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
[85] 1992-11-06  
[86] 1992-02-25 (PCT/EP1992/000402)  
[87] (WO1992/016036)  
[30] US (665,240) 1991-03-06

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September 28, 2004**

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[11] **2,082,630**  
[13] C

[51] Int.Cl. 5G09B 29/04 5B42D 15/00  
[25] EN  
[54] FOLDED SHEET ARTICLES  
[54] ARTICLES EN FEUILLES  
REPLIEES  
[72] MCDONALD, GEORGE WALLACE,  
GB  
[73] MCDONALD, GEORGE WALLACE,  
GB  
[85] 1992-11-10  
[86] 1992-03-10 (PCT/GB1992/000425)  
[87] (WO1992/016927)  
[30] GB (9105126.8) 1991-03-12

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[11] **2,084,071**  
[13] C

[51] Int.Cl. 5A23L 1/03 5A23K 1/165  
[25] EN  
[54] HEMICELLULASE SUPPLEMENT  
TO IMPROVE THE ENERGY  
EFFICIENCY OF HEMICELLULOSE-  
CONTAINING FOOD AND ANIMAL  
FEED  
[54] SUPPLEMENT  
D'HEMICELLULASE POUR  
AMELIORER L'EFFICACITE  
ENERGETIQUE D'ALIMENTS POUR  
ANIMAUX RENFERMANT DE  
L'HEMICELLULASE  
[72] FODGE, DOUGLAS WALTER, US  
[72] ANDERSON, DAVID MARTIN, US  
[73] CHEMGEN CORPORATION, US  
[85] 1992-11-27  
[86] 1991-05-29 (PCT/US1991/003754)  
[87] (WO1991/018521)  
[30] US (529,327) 1990-05-29

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[11] **2,089,624**  
[13] C

[51] Int.Cl. 5A61B 17/04  
[25] EN  
[54] SUTURE ANCHOR AND  
INSTALLATION TOOL  
[54] ANCORAGE DE SUTURE ET OUTIL  
SERVANT A SON IMPLANTATION  
[72] RICE, JOHN T., US  
[72] WENSTROM, RICHARD F. JR., US  
[73] MITEK SURGICAL PRODUCTS,  
INC., US  
[22] 1993-02-16  
[30] US (07/837,061) 1992-02-18

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[11] **2,092,105**  
[13] C

[51] Int.Cl. 5F22B 37/42 5F24D 17/00  
5F24H 9/00  
[25] EN  
[54] IMPROVED THROUGH-THE-  
WALL VENTED WATER HEATER  
[54] CHAUFFE-EAU A EVACUATION  
MURALE DES GAZ DE COMBUSTION  
[72] DOSS, GARRETT L., US  
[73] BRADFORD-WHITE  
CORPORATION, US  
[22] 1993-03-22  
[30] US (07/856,633) 1992-03-24

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[11] **2,093,174**  
[13] C

[51] Int.Cl. 5G01V 1/28  
[25] FR  
[54] SYSTEME D'ACQUISITION ET DE  
CENTRALISATION DE DONNEES  
OBTENUES PAR UNE INSTALLATION  
PERMANENTE D'EXPLORATION  
D'UNE FORMATION GEOLOGIQUE  
[54] DATA COLLECTING AND  
CENTRALIZING SYSTEM FOR FIXED  
SISMIC EXPLORATION FACILITY OF  
GEOLOGICAL FORMATION  
[72] RETIN, JACQUES, FR  
[72] THEROND, JEAN-FRANCOIS, FR  
[72] LAURENT, JEAN, FR  
[72] STARON, PHILIPPE, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 1993-04-01  
[30] FR (92 04 052) 1992-04-01

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[11] **2,093,787**  
[13] C

[51] Int.Cl. 5B29C 65/34 5F16L 47/02  
[25] EN  
[54] WELDING CONNECTION  
ASSEMBLY  
[54] RACCORD SERVANT AU  
SOUDAGE  
[72] BRUNET, MARTINE, FR  
[72] DUFOUR, DENIS, FR  
[73] GAZ DE FRANCE, FR  
[22] 1993-04-08  
[30] FR (92 04415) 1992-04-10  
[30] EP (93 400 776.6) 1993-03-25

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[11] **2,094,063**  
[13] C

[51] Int.Cl. 5C08L 83/04 5C08J 3/02  
5C09D 183/04 5C09K 3/18 5C04B 41/49  
[25] EN  
[54] ORGANOSILICON EMULSIONS  
FOR RENDERING POROUS  
SUBSTRATES WATER REPELLENT  
[54] EMULSIONS  
D'ORGANOSILICONE SERVANT A  
IMPERMEABILISER LES SUBSTRATS  
POREUX  
[72] GIERKE, MARK A., US  
[72] VIDAL, CHRISTINE L., US  
[72] WILSON, MICHAEL E., US  
[73] MBT HOLDING AG, CH  
[22] 1993-04-15  
[30] US (08/003,636) 1993-01-13

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[11] **2,095,762**  
[13] C

[51] Int.Cl. 5A61F 2/30  
[25] EN  
[54] COMPOSITE PROSTHESIS  
[54] PROTHESE COMPOSITE  
[72] HAMILTON, JOHN V., US  
[72] CALDARISE, SALVATORE, US  
[72] TREACY, DEBRA J., US  
[73] JOHNSON & JOHNSON  
ORTHOPAEDICS, INC., US  
[22] 1993-05-07  
[30] US (881,105) 1992-05-11

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[11] **2,098,979**  
[13] C

[51] Int.Cl. 5H01M 2/36 5H01M 10/48  
[25] EN  
[54] BATTERY REFILL SYSTEM  
[54] SYSTEME DE REMPLISSAGE  
D'ACCUMULATEURS  
[72] CAMPAU, DANIEL N., US  
[73] FLOW-RITE CONTROLS, LTD., US  
[22] 1993-06-22  
[30] US (07/907,930) 1992-06-30

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Brevets canadiens délivrés  
28 septembre 2004

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[11] **2,099,535**  
[13] C  
[51] Int.Cl. 5H01R 4/50  
[25] EN  
[54] ELECTRICAL WIRE CONNECTOR  
[54] CONNECTEUR DE FIL  
ELECTRIQUE  
[72] LARICCHIA, ROCCO VALENTINO,  
CA  
[72] COLE, RANDY THOMAS, CA  
[73] THE WHITAKER CORPORATION,  
US  
[22] 1993-07-02  
[30] US (07/940,595) 1992-09-04

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[11] **2,099,932**  
[13] C  
[51] Int.Cl. 5B32B 27/08 5B29C 47/06  
[25] EN  
[54] BIAXIALLY ORIENTED,  
MULTILAYER POLYOLEFIN FILM OF  
HIGH SHRINKAGE WHICH CAN BE  
HEAT-SEALED AT LOW  
TEMPERATURES  
[54] PELLICULE POLYOLEFINE  
MULTICOUCHE, ORIENTEE BI-  
AXIALEMENT, POUVANT ETRE  
THERMOSOUDEES A DE FAIBLES  
TEMPERATURES  
[72] PEIFFER, HERBERT, DE  
[72] MURSCHALL, URSULA, DE  
[73] TRESPAPHAN GMBH, DE  
[22] 1993-07-06  
[30] DE (P 42 22 740.2) 1992-07-10

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[11] **2,100,324**  
[13] C  
[51] Int.Cl. 5G06F 15/70 5H04N 1/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETERMINING MIS-REGISTRATION  
[54] METHODE ET APPAREIL POUR  
DETERMINER L'ENREGISTREMENT  
AU MIS  
[72] EISENBARTH, CHRISTOPH, US  
[72] FINKELSTEIN, IRA, US  
[72] MCGHIE, DENNIS, US  
[72] PANOFSKY, EDWARD, US  
[73] DE LA RUE GIORI S.A., CH  
[22] 1993-07-12  
[30] US (926,770) 1992-08-06

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[11] **2,101,703**  
[13] C  
[51] Int.Cl. 5F16J 15/10 5B01D 27/08  
[25] EN  
[54] SEAL FOR SPIN-ON FILTER  
[54] JOINT D'ETANCHEITE POUR  
FILTRE AMOVIBLE  
[72] COVINGTON, EDWARD A., US  
[73] DANA CORPORATION, US  
[22] 1993-07-30  
[30] US (927,117) 1992-08-07

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[11] **2,102,541**  
[13] C  
[51] Int.Cl. 5B65D 41/38  
[25] EN  
[54] TAMPER-EVIDENT CLOSURE  
AND METHOD AND APPARATUS FOR  
MAKING A CLOSURE  
[54] FERMETURE INVIOUABLE,  
METHODE ET APPAREIL DE  
FABRICATION  
[72] ANDERSON, JIMMY L., US  
[73] CROWN CORK & SEAL COMPANY,  
INC., US  
[22] 1993-11-05  
[30] US (973,035) 1992-11-06

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[11] **2,102,910**  
[13] C  
[51] Int.Cl. 5G06F 15/403  
[25] EN  
[54] USER INTERFACE SYSTEM  
HAVING PROGRAMMABLE USER  
INTERFACE ELEMENTS  
[54] INTERFACE UTILISATEUR A  
ELEMENTS PROGRAMMABLES  
[72] VERTELNEY, LAURIE J., US  
[72] ERICKSON, THOMAS D., US  
[72] MOUNTFORD, S. JOY, US  
[72] THOMPSON-ROHRLICH, JOHN A.,  
US  
[72] SALOMON, GITTA B., US  
[72] WONG, YIN YIN, US  
[72] VENOLIA, DANIEL S., US  
[72] GOMOLL, KATHLEEN M., US  
[72] HALTEEN, ERIC A., US  
[73] APPLE COMPUTER, INC., US  
[85] 1993-11-10  
[86] 1992-05-12 (PCT/US1992/004045)  
[87] (WO1992/021091)  
[30] US (700,729) 1991-05-15

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[11] **2,103,610**  
[13] C  
[51] Int.Cl. 5C08F 10/06  
[25] EN  
[54] POLYPROPYLENE  
COMPOSITION AND FILM THEREOF  
[54] COMPOSITION DE  
POLYPROPYLENE ET FILM PRODUIT  
A PARTIR DE LADITE COMPOSITION  
[72] SADATOSHI, HAJIME, JP  
[72] IMA, SEIICHIRO, JP  
[72] TANIMURA, HIROYUKI, JP  
[73] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[22] 1993-08-09  
[30] JP (Hei. 4-214040) 1992-08-11

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[11] **2,107,686**  
[13] C  
[51] Int.Cl. 5B67B 7/00  
[25] EN  
[54] PUNCTURING DEVICE FOR  
AEROSOL CONTAINERS  
[54] DISPOSITIF DE PERFORATION  
POUR CONTENANTS AEROSOLS  
[72] CAMPBELL, MICHAEL C., US  
[72] CAMPBELL, KATHERINE C., US  
[73] CAMPBELL, MICHAEL C., US  
[73] CAMPBELL, KATHERINE C., US  
[85] 1993-10-04  
[86] 1992-03-31 (PCT/US1992/002609)  
[87] (WO1992/018418)  
[30] US (687,760) 1991-04-19

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[11] **2,109,028**  
[13] C  
[51] Int.Cl. 5A01N 25/22 5A01N 37/06  
5A61K 47/12 5A61K 7/16  
[25] EN  
[54] STABILIZED SORBIC ACID OR  
SALT THEREOF  
[54] ACIDE SORBIQUE STABILISE OU  
SES SELS  
[72] MERCIADEZ, MEL, US  
[72] MOHAMMED, KAS, US  
[72] MANIERE, FRANCOIS Y., US  
[73] MCNEIL-PPC, INC., US  
[22] 1993-10-22  
[30] US (07/966,246) 1992-10-26

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[11] **2,111,496**  
[13] C

- [51] Int.Cl. 5A61F 2/06  
[25] EN  
[54] DEVICE FOR THE  
IMPLANTATION OF A SELF-  
EXPANDING ENDOPROSTHESIS  
[54] APPAREIL POUR  
L'IMPLANTATION D'UNE  
ENDOPROTHESE AUTO-EXTENSIBLE  
[72] HOFMANN, EUGEN, CH  
[72] GIANOTTI, MARC, CH  
[73] SCHNEIDER (EUROPE) AG, CH  
[22] 1993-12-15  
[30] EP (92811008.9) 1992-12-16
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[11] **2,113,853**  
[13] C

- [51] Int.Cl. 5F16H 37/06  
[25] EN  
[54] GEARCASE FOR TRANSMITTING  
MOTION WITH DIFFERENT SPEEDS  
TO AT LEAST TWO DRIVING SHAFTS  
FOR POWER DEVICES IN SELF-  
PROPELLED FARM MACHINES  
[54] BOITE D'ENGRENAGES SERVANT  
A TRANSMETTRE LE MOUVEMENT A  
DIFFERENTES VITESSES A AU MOINS  
DEUX ARBRES DE COMMANDE DE  
DISPOSITIFS DE PUISSEANCE DE  
MACHINES AGRICOLES  
AUTOMOTRICES  
[72] BRUNAZZI, ACHILLE, IT  
[73] COMER S.P.A., IT  
[22] 1994-01-20  
[30] IT (MO93 A 000006) 1993-01-25
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[11] **2,114,474**  
[13] C

- [51] Int.Cl. 5H01R 13/58  
[25] EN  
[54] CABLE CLAMP WITH STRESS  
DISTRIBUTING GRIP  
[54] PINCE DE FIXATION DE CABLE  
ELECTRIQUE A REPARTITION DES  
CONTRAINTES  
[72] HOFFMAN, ERNEST G., US  
[73] HUBBELL INCORPORATED, US  
[22] 1994-01-28  
[30] US (08/062,533) 1993-05-18
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[11] **2,114,696**  
[13] C

- [51] Int.Cl. 5C07D 261/06 5A01N 43/80  
[25] EN  
[54] 4-BENZOYLISOXAZOLE  
HERBICIDES  
[54] HERBICIDES  
[72] CRAMP, SUSAN M., GB  
[72] LAMBERT, CLAUDE, FR  
[72] LITTLE, GILLIAN M., GB  
[72] MORRIS, JOHN, GB  
[73] RHONE-POULENC AGRICULTURE  
LIMITED, GB  
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[30] GB (93 2049) 1993-02-03
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[11] **2,114,885**  
[13] C

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[54] POWERED FLEXIBLE  
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[54] TRANSPORTEUR SOUPLE  
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[72] WHETSEL, LARRY E., US  
[72] DOWNING, LEON A., US  
[73] AXIA INCORPORATED, US  
[22] 1994-02-03  
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[30] US (08/188,362) 1994-01-27
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[11] **2,119,596**  
[13] C

- [51] Int.Cl. 5C03B 5/02 5C03B 5/26  
[25] FR  
[54] PROCEDE ET DISPOSITIF POUR  
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[54] PROCESS AND APPARATUS FOR  
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[72] MUNIZ, JOSE ANTONIO COTO, ES  
[72] GOICOECHEA, LUIS GRIJALBA, ES  
[72] LEMAILLE, MAURICE, FR  
[73] SAINT-GOBAIN VITRAGE  
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[22] 1994-03-22  
[30] FR (93 03 288) 1993-03-23
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[11] **2,121,225**  
[13] C

- [51] Int.Cl. 5H01M 10/50 5H01M 2/02  
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[25] EN  
[54] BATTERY HAVING A THROUGH-  
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MEANS  
[54] BATTERIE A TROU DE  
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[72] SUGENO, NAOYUKI, JP  
[73] SONY CORPORATION, JP  
[22] 1994-04-13  
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[13] C

- [51] Int.Cl. 5B23K 11/36 5B25J 19/00  
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[25] EN  
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[72] ARONSSON, JOACHIM, SE  
[73] ROTEC TOOLING AB, SE  
[85] 1994-04-20  
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[87] (WO1993/007986)  
[30] SE (9103051-0) 1991-10-21
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[11] **2,123,533**  
[13] C

- [51] Int.Cl. 5H01R 13/52 5E21B 33/04  
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[25] EN  
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[72] HOPPER, HANS PAUL, GB  
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[54] APPARATUS AND METHOD FOR DISPENSING ELECTRICALLY CONDUCTIVE COATING MATERIAL INCLUDING A PNEUMATIC/MECHANICAL CONTROL  
[54] METHODE ET INSTALLATION A COMMANDE PNEUMATIQUE ET ELECTRIQUE POUR LA DISTRIBUTION D'UN MATERIAU CONDUCTEUR  
[72] KONIECZNSKI, RONALD D., US  
[73] NORDSON CORPORATION, US  
[22] 1994-05-16  
[30] US (08/076,302) 1993-06-11

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[13] C

[51] Int.Cl. 5A61B 17/04  
[25] EN  
[54] APPARATUS AND METHOD FOR APPLYING AND ADJUSTING AN ANCHORING DEVICE  
[54] APPAREIL ET METHODE POUR METTRE EN PLACE ET AJUSTER UN DISPOSITIF D'ANCRAGE DE STRUCTURES INTERNES  
[72] GREEN, DAVID T., US  
[72] SIEKIEWICZ, HENRY R., US  
[72] RATCLIFF, KEITH, US  
[72] CASTRO, SALVATORE, US  
[72] MANZO, SCOTT E., US  
[73] UNITED STATES SURGICAL CORPORATION, US  
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[13] C

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[72] MALLOW, WILLIAM A., US  
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[25] EN  
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[72] MILLER, GRANVILLE G., US  
[72] SHACKLETTE, LAWRENCE W., US  
[72] ELESENBAUMER, RONALD L., US  
[72] WESZLING, BERNHARD, DE  
[72] WHANG, PETER, US  
[72] KULKARNI, VAMAN G., US  
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[30] US (07/823,416) 1992-01-21  
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[30] US (07/823,512) 1992-01-21

[11] 2,128,312  
[13] C

[51] Int.Cl. 5A61K 31/44  
[25] EN  
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[54] UTILISATION DE N-(PYRIDINYL)-1H-INDOL-1-AMINES DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DES TROUBLES OBSESSIFS-COMPULSIFS  
[72] KONGSAMUT, SATHAPANA, US  
[72] SMITH, CRAIG PAUL, US  
[72] WOODS, ANN THERESA, US  
[73] AVENTIS PHARMACEUTICALS INC., US  
[22] 1994-07-18  
[30] US (08/092,848) 1993-07-19

[11] 2,129,041  
[13] C

[51] Int.Cl. 5H01Q 25/00  
[25] EN  
[54] ANTENNA DEVICE  
[54] ANTENNE  
[72] KIJIMA, MAKOTO, JP  
[72] YAMADA, YOSHIHIDE, JP  
[72] EBINE, YOSHIO, JP  
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[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP  
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[30] JP (4-322102) 1992-12-01  
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[30] JP (4-344798) 1992-12-24

[11] 2,129,972  
[13] C

[51] Int.Cl. 5G01B 11/14  
[25] EN  
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[54] METHODE ET APPAREIL POUR L'OBSERVATION D'UN ECARTEMENT  
[72] SWEENEY, MICHAEL, GB  
[72] JENKINS, MICHAEL PAUL, GB  
[73] ROLLS-ROYCE POWER ENGINEERING PLC, GB  
[85] 1994-08-11  
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[30] GB (9204413.0) 1992-02-29

[11] 2,130,447  
[13] C

[51] Int.Cl. 5C03C 3/087 5C03C 4/08  
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[25] FR  
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[54] GLASS COMPOSITIONS FOR MANUFACTURING GLAZING  
[72] COMBES, JEAN-MARIE, FR  
[73] SAINT-GOBAIN VITRAGE, FR  
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 [25] EN  
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**[54] METHODE ET DISPOSITIF DE TRANSFERT ENTRE CANAUX POUR STATION MOBILE DE SYSTEME DE COMMUNICATION**  
 [72] LUNDQVIST, NILS PATRIK, SE  
 [72] ANDERSSON, CLAES HAKAN, SE  
 [73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
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[11] **2,134,165**  
 [13] C

[51] Int.Cl. 5G01R 27/06  
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**[54] DISPOSITIF COMPACT ET PORTABLE POUR MESURER LE COEFFICIENT DE REFLEXION D'UNE STRUCTURE EXPOSEE A UN RAYONNEMENT HYPERFREQUENCE**  
**[54] COMPACT AND PORTABLE DEVICE FOR MEASURING THE REFLECTION FACTOR OF A STRUCTURE EXPOSED TO A MICROWAVE EMISSION**  
 [72] PIAU, GERARD PASCAL, FR  
 [73] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR  
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[51] Int.Cl. 5C03C 27/12 5F41H 5/26  
 [25] FR  
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**[54] BULLET-PROOF ARMoured WINDOWS FOR MOTOR VEHICLES**  
 [72] VON ALPEN, ULRICH, DE  
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 [13] C

[51] Int.Cl. 5B29C 45/44 5B65D 41/04  
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**[54] METHOD OF MOULDING PLASTICS ARTICLES AND ARTICLES PRODUCED THEREBY**  
**[54] PROCEDE DE MOULAGE D'ARTICLES EN PLASTIQUE ET ARTICLES AINSI MOULES**  
 [72] KILGOUR, RICHARD DEREK, GB  
 [73] E.R. SQUIBB & SONS, INC., US  
 [85] 1994-11-10  
 [86] 1993-05-10 (PCT/GB1993/000959)  
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 [30] GB (9210186.4) 1992-05-12  
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 [13] C

[51] Int.Cl. 5H02K 29/00  
 [25] EN  
**[54] SUPER HIGH SPEED BRUSHLESS DC MOTOR**  
**[54] MOTEUR C.C. TRES GRANDE VITESSE SANS BALAI**  
 [72] OYAMA, KAZUNOBU, JP  
 [72] YAMAGIWA, AKIO, JP  
 [72] TAKAHASHI, ISAO, JP  
 [73] TAKAHASHI, ISAO, JP  
 [73] DAIKIN INDUSTRIES, LTD., JP  
 [85] 1994-11-18  
 [86] 1994-03-18 (PCT/JP1994/000440)  
 [87] (WO1994/022206)  
 [30] JP (5/60726) 1993-03-19  
 [30] JP (5/244975) 1993-09-30

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[11] **2,140,529**  
 [13] C

[51] Int.Cl. 6A61M 16/10 6B01D 27/06  
 [25] EN  
**[54] HYGROSCOPIC CARTRIDGE PARTICULARLY FOR FILTERS FOR MEDICAL USE**  
**[54] CARTOUCHE HYDROSCOPIQUE SURTOUT UTILISEE POUR LES FILTRES SERVANT A DES FINS MEDICALES**  
 [72] ZUCCHI, GIUSEPPE, IT  
 [73] MALLINCKRODT INC., US  
 [85] 1995-01-18  
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 [30] IT (MI92A001777) 1992-07-22

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[11] **2,140,575**  
 [13] C

[51] Int.Cl. 6H03K 17/56  
 [25] EN  
**[54] METHOD AND CIRCUIT ARRANGEMENT FOR DRIVING SEMICONDUCTOR SWITCHES IN A SERIES CIRCUIT**  
**[54] METHODE ET CIRCUIT D'ATTAQUE DE COMMUTATEURS A SEMICONDUCTEUR EN CIRCUIT SERIE**  
 [72] DITTRICH, ANDREAS, CH  
 [73] ABB SCHWEIZ HOLDING AG, CH  
 [22] 1995-01-19  
 [30] DE (P 44 03 941.7) 1994-02-08

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[11] **2,141,684**  
 [13] C

[51] Int.Cl. 6F21V 7/04  
 [25] EN  
**[54] CONCENTRATING AND COLLECTING OPTICAL SYSTEM USING CONCAVE TOROIDAL REFLECTORS**  
**[54] SYSTEME DE CONCENTRATION OPTIQUE UTILISANT DES REFLECTEURS TOROIDAUX CONCAVES**  
 [72] BAKER, GLENN, US  
 [72] STROBL, KARLHEINZ, US  
 [72] BRENNER, DOUGLAS, US  
 [72] FISCHER, ROBERT, US  
 [72] PICCIONI, ROBERT, US  
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 [86] 1993-07-29 (PCT/US1993/007124)  
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 [30] US (07/924,198) 1992-08-03

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[13] C

[51] Int.Cl. 6C04B 35/82  
[25] FR  
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[54] METHOD FOR MANUFACTURING SILICON FIBRE-BASED THERMAL INSULATION MATERIAL  
[72] BELUNOVA, LUDMILA VASSILIEVNA, RU  
[72] GRIBKOV, VLADIMIR NIKOLAEVICH, RU  
[72] CHERNYAK, ANDRE IOSSIPOVICH, RU  
[72] MIZYURINA, GALINA TIMOTHEIVNA, RU  
[72] MORDOVIN, OLEG ALEXEEVICH, RU  
[72] MUKHANOVA, ELENA EPHIMOVA, RU  
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[30] FR (94.01825) 1994-02-17

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[13] C

[51] Int.Cl. 6A23L 1/05 6A23L 1/06 6A23P 1/08 6A23L 1/272  
[25] EN  
[54] READY-TO-EAT, MULTI-COMPONENT, MULTI-COLORED GELS  
[54] GELS PRETS A MANGER, MULTICOLORES ET A CONSTITUANTS MULTIPLES  
[72] SOEDJAK, HELENA S., US  
[72] SPRADLIN, JOSEPH E., US  
[73] KRAFT FOODS, INC., US  
[22] 1995-03-06  
[30] US (219,606) 1994-03-29

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**[11] 2,144,970**  
[13] C

[51] Int.Cl. 6H04L 12/403  
[25] EN  
[54] BUS MANAGEMENT METHOD  
[54] METHODE DE GESTION DE BUS  
[72] MATSUNO, KATSUMI, JP  
[72] KUBOTA, ICHIRO, JP  
[72] HAYASHI, MINOBU, JP  
[72] SHIMA, HISATO, JP  
[73] SONY CORPORATION, JP  
[85] 1995-03-17  
[86] 1994-07-19 (PCT/JP1994/001188)  
[87] (WO1995/003658)  
[30] JP (P5-200055) 1993-07-19

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[13] C

[51] Int.Cl. 6F16F 1/32 6F16F 7/08  
[25] FR  
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[54] DAMPER DEVICE FOR MECHANICAL SYSTEM  
[72] VALEMBOIS, GUY, FR  
[73] ETIENNE LACROIX TOUS ARTIFICES S.A., FR  
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[86] 1993-11-04 (PCT/FR1993/001088)  
[87] (WO1994/011649)  
[30] FR (92/13428) 1992-11-06

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[13] C

[51] Int.Cl. 6B23K 9/32  
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[54] AUTOMATIC WELDING INSTALLATION  
[72] ARANTES, ANTONIO CREMILDO, FR  
[72] PIERQUIN, FRANCOIS, FR  
[72] RUAULT, PIERRE MICHEL PHILIPPE, FR  
[73] SNECMA MOTEURS, FR  
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[13] C

[51] Int.Cl. 6H02K 16/00 6H02K 19/02  
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[25] EN  
[54] VARIABLE RELUCTANCE ELECTRIC MOTOR  
[54] MOTEUR ELECTRIQUE A RELUCTANCE VARIABLE  
[72] KOLOMEITSEV, SERGUEI F., US  
[73] DANA CORPORATION, US  
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[13] C

[51] Int.Cl. 6C22B 15/06 6C22B 15/14  
[25] EN  
[54] COPPER SMELTING APPARATUS  
[54] APPAREIL DE FONTE DE CUIVRE  
[72] KIKUMOTO, NOBUO, JP  
[72] IIIDA, OSAMU, JP  
[73] MITSUBISHI MATERIALS CORPORATION, JP  
[22] 1995-05-19  
[30] JP (6-122887) 1994-06-03

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**[11] 2,150,687**  
[13] C

[51] Int.Cl. 6A23G 9/20  
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[54] CONFISERIES CONGELEES  
[72] BEE, RODNEY DAVID, GB  
[72] NEEDHAM, DAVID, GB  
[72] SMALLWOOD, KEITH, GB  
[73] UNILEVER PLC, GB  
[85] 1995-05-31  
[86] 1993-11-25 (PCT/EP1993/003319)  
[87] (WO1994/012050)  
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[13] C

[51] Int.Cl. 6C08G 18/76 6F16L 59/14  
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[25] EN  
[54] PROCESS FOR INSULATING  
PIPES  
[54] PROCEDE SERVANT A ISOLER  
DES TUYAUX  
[72] EISEN, NORBERT, DE  
[72] GODTHARDT, LUTZ-PETER, DE  
[73] BAYER AKTIENGESELLSCHAFT,  
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[22] 1995-06-19  
[30] DE (P 4421817.6) 1994-06-22

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[13] C

[51] Int.Cl. 6B01D 37/00 6B01D 33/04  
6B01D 33/60 6B01D 33/66  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DISPLACING LIQUOR FROM A  
SLURRY OF PARTICULATE SOLID  
MATERIAL  
[54] PROCEDE ET APPAREIL POUR  
DEPLACER DE LA LIQUEUR A  
PARTIR DE BOUES DE MATERIAU  
SOLIDE PARTICULAIRE  
[72] URE, ALAN MACPHERSON, GB  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1995-07-05  
[86] 1994-01-24 (PCT/GB1994/000132)  
[87] (WO1994/017892)  
[30] GB (9302333.1) 1993-02-05

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[13] C

[51] Int.Cl. 6E21B 49/08  
[25] EN  
[54] METHOD AND APPARATUS FOR  
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COILED TUBING  
[54] METHODE ET APPAREIL  
SERVANT A L'ESSAI DES PUITS,  
UTILISANT UN DOUBLE TUBE  
D'INTERVENTION ENROULE  
[72] GRIFFITH, MICHAEL J., US  
[73] SCHLUMBERGER CANADA  
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[22] 1995-07-27  
[30] US (08/281,954) 1994-07-28

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**[11] 2,155,525**  
[13] C

[51] Int.Cl. 6H02J 9/06  
[25] EN  
[54] AN EMERGENCY POWER  
SYSTEM  
[54] BLOC ELECTROGENE DE  
SECOURS  
[72] THOMSEN, OVE LYCK, DK  
[72] NIELSEN, HENNING ROAR, DK  
[72] RATHMANN, SREN HENRIK  
NIELSEN, DK  
[73] SILICON POWER ELECTRONICS A/S,  
DK  
[85] 1995-08-04  
[86] 1994-02-11 (PCT/DK1994/000060)  
[87] (WO1994/018739)  
[30] DK (0163/93) 1993-02-12

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**[11] 2,162,557**  
[13] C

[51] Int.Cl. 6C07K 16/10 6C07K 7/06  
6A61K 39/29 6A61K 39/42 6G01N 33/576  
6G01N 33/577  
[25] EN  
[54] CONSERVED MOTIF OF  
HEPATITIS C VIRUS E2/NS1 REGION  
[54] MOTIF CONSERVE DE LA  
REGION E2/NS1 DU VIRUS DE  
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[72] WEINER, AMY J., US  
[72] HOUGHTON, MICHAEL, US  
[73] CHIRON CORPORATION, US  
[85] 1995-11-09  
[86] 1994-05-03 (PCT/US1994/004853)  
[87] (WO1994/026306)  
[30] US (08/061,699) 1993-05-12

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[13] C

[51] Int.Cl. 6C07D 401/04 6C07D 213/74  
[25] EN  
[54] PIPERAZINYL PYRIDINYL  
WATER CLATHRATES  
[54] CLATHRATES AQUEUX  
PIPERAZINYL PYRIDINYL LIQUES  
[72] PEARLMAN, BRUCE ALLEN, US  
[72] KROOK, MARK A., US  
[72] PERRAULT, WILLIAM R., US  
[72] DOBROWOLSKI, PAUL J., US  
[73] PHARMACIA & UPJOHN  
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[85] 1995-08-07  
[86] 1994-03-15 (PCT/US1994/002548)  
[87] (WO1994/022836)  
[30] US (040,181) 1993-03-26

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**[11] 2,163,613**  
[13] C

[51] Int.Cl. 6F16K 31/128  
[25] EN  
[54] CONTROLLER  
[54] DISPOSITIF DE CONTROLE-  
COMMANDE  
[72] DAIDO, KUNIHIKO, JP  
[72] YOSHIKAWA, KAZUHIRO, JP  
[72] OGAWA, SHUHEI, JP  
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[22] 1995-11-23  
[30] JP (7-111497) 1995-05-10

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[51] Int.Cl. 6G01N 29/14  
[25] EN  
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[54] SURVEILLANCE EN CONTINU  
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[73] PURE TECHNOLOGIES LTD., CA  
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[87] (WO1995/000823)  
[30] US (08/081,878) 1993-06-25

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**[11] 2,161,813**  
[13] C

[51] Int.Cl. 6C09K 5/04  
[25] EN  
[54] AZEOTROPE-LIKE  
COMPOSITIONS OF  
PENTAFLUOROETHANE AND 1,1,1,-  
TRIFLUOROETHANE  
[54] COMPOSITIONS DE  
PENTAFLUOROETHANE ET DE 1,1,1,-  
TRIFLUOROETHANE, DE TYPE  
AZEOTROPES  
[72] SHANKLAND, IAN R., US  
[72] ATWOOD, THEODORE, US  
[72] LUND, EARL A.E., US  
[72] PHAM, HANG THANH, US  
[73] ALLIEDSIGNAL INC., US  
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[51] Int.Cl. 6F16D 3/78  
[25] FR  
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[54] FLEXIBLE COUPLING FOR  
ROTATING SHAFTS  
[72] DEPERROIS, ANDRE RAYMOND  
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[73] SOCIETE HISPANO-SUIZA, FR  
[22] 1995-12-20  
[30] FR (94 15379) 1994-12-21

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[11] 2,167,268  
[13] C

[51] Int.Cl. 6A61K 38/57 6A61L 31/00  
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6A61K 9/70  
[25] EN  
[54] ANTI-ANGIOGENIC  
COMPOSITIONS AND METHODS OF  
USE  
[54] COMPOSITIONS ANTI-  
ANGIOGENIQUES ET METHODES  
D'UTILISATION  
[72] BURT, HELEN M., CA  
[72] JACKSON, JOHN K., CA  
[72] HUNTER, WILLIAM L., CA  
[72] MACHAN, LINDSAY S., CA  
[72] ARSENAULT, A. LARRY, CA  
[73] THE UNIVERSITY OF BRITISH  
COLUMBIA, CA  
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[85] 1996-01-15  
[86] 1994-07-19 (PCT/CA1994/000373)  
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[30] US (08/094,536) 1993-07-19

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[13] C

[51] Int.Cl. 6A61F 2/78  
[25] EN  
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SLIDE FASTENER  
[54] SANGLE AVEC FERMETURE A  
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[87] (WO1995/003759)  
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[13] C

[51] Int.Cl. 6A47F 3/02 6A47B 57/04  
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[25] EN  
[54] GRAVITY FLOW SHELVING  
SYSTEM  
[54] ETAGERES INCLINEES POUR  
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[72] CORETTI, JOSEPH, JR., US  
[72] KNORRING, EDWARD I., JR., US  
[73] B-O-F CORPORATION, US  
[22] 1996-02-01  
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[25] EN  
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[54] DISPOSITIF DE RANGEMENT DE  
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[72] MACKEN, LUK JOZEF, BE  
[73] N V RAYCHEM SA, BE  
[85] 1996-03-04  
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[87] (WO1995/007483)  
[30] GB (9318632.8) 1993-09-08

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[25] EN  
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[73] VIFA-SPEAK A/S, DK  
[85] 1996-04-03  
[86] 1994-09-30 (PCT/DK1994/000363)  
[87] (WO1995/010165)  
[30] DK (1109/93) 1993-10-04

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[51] Int.Cl. 6H01R 13/52  
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ELECTRICAL CONNECTOR  
[54] ENVELOPPE DE CONNECTEUR  
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[72] ANTHONY, JOHN C., US  
[73] HUBBELL INCORPORATED, US  
[22] 1996-04-29  
[30] US (08/442,840) 1995-05-17

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[13] C

[51] Int.Cl. 6C09J 133/06 6C09J 193/04  
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[25] EN  
[54] HOT MELT ADHESIVE  
COMPOSITION  
[54] COMPOSITION ADHESIVE  
THERMOFUSIBLE  
[72] STRELOW, DIANE, US  
[72] ALPER, MARK, US  
[73] FINDLEY ADHESIVES, INC., US  
[85] 1996-04-29  
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[87] (WO1995/002647)  
[30] US (08/091,968) 1993-07-15

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[13] C

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[25] EN  
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[54] COLLIER DE CORDON  
ELECTRIQUE  
[72] KLEIN, LAWRENCE J., US  
[72] SWIFT, THOMAS R. J., US  
[73] HUBBELL INCORPORATED, US  
[22] 1996-05-13  
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[25] EN  
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TUMEFACIENS TRANSFORMATION  
OF MUSA SPECIES  
[54] TRANSFORMATION D'ESPECES  
MUSA AU MOYEN  
D'AGROBACTERIUM TUMEFACIENS  
[72] ARNTZEN, CHARLES J., US  
[72] MAY, GREGORY D., US  
[73] THE TEXAS A&M UNIVERSITY  
SYSTEM, US  
[85] 1996-05-23  
[86] 1994-12-09 (PCT/US1994/014210)  
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[54] SYSTEME DE CONNEXION ELECTRIQUE POUR CAPTEURS ELECTROCHIMIQUES  
[72] DUSSAULT, RICHARD A., US  
[73] BAYER CORPORATION, US  
[85] 1996-05-30  
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[87] (WO1995/020154)  
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[13] C

[51] Int.Cl. 6C09D 163/00  
[25] EN  
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[54] SYSTEME DE REVETEMENT EN POUDRE THERMODURCISSABLE  
[72] KAPLAN, ANDREAS, CH  
[72] REICH, ALBERT, CH  
[72] GISLER, RENE, CH  
[73] EMS-INVENTA AG, CH  
[22] 1996-07-11  
[30] DE (195 25 437.6) 1995-07-12

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**[11] 2,181,675**  
[13] C

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[25] EN  
[54] ALKALINE CLEANERS BASED ON ALCOHOL ETHOXY CARBOXYLATES  
[54] PRODUITS DE NETTOYAGE ALCALINS A BASE D'ETHOXYCARBOXYLATES D'ALCOOL  
[72] MAN, VICTOR FUK-PONG, US  
[73] ECOLAB INC., US  
[85] 1996-07-19  
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[25] EN  
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[54] FORET POUR MACONNERIE  
[72] BIRK, RUDI, DE  
[72] TURNER, GEOFF, GB  
[73] BLACK & DECKER INC., US  
[22] 1996-07-22  
[30] GB (9515594.1) 1995-07-29

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**[11] 2,182,884**  
[13] C

[51] Int.Cl. 6F16T 1/34 6B01D 53/26  
[25] EN  
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[54] DISPOSITIF D'ELIMINATION EN CONTINU DU CONDENSAT D'UN FLUX DE VAPEUR  
[72] SIEFERS, H. KENNETH, JR., US  
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[85] 1996-08-07  
[86] 1995-02-16 (PCT/US1995/001947)  
[87] (WO1995/022714)  
[30] US (08/198,196) 1994-02-17

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**[11] 2,185,888**  
[13] C

[51] Int.Cl. 6E04B 1/58 6F16B 5/00 6E04B 5/12  
[25] EN  
[54] DECKING CLIP  
[54] DISPOSITIF DE RETENUE D'UN EMPILAGE  
[72] SACHS, RICHARD JAMES, AU  
[73] ALCHEMY NOMINEES PTY LTD, AU  
[85] 1996-09-18  
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[87] (WO1995/025856)  
[30] AU (PM 4570) 1994-03-18

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**[11] 2,186,462**  
[13] C

[51] Int.Cl. 6G06F 13/14 6G06F 19/00  
[25] EN  
[54] POLYMORPHIC NETWORK METHODS AND APPARATUS  
[54] RESEAU POLYMPORHE ET SON EXPLOITATION  
[72] ESTES, MARK D., US  
[73] ESTES, MARK D., US  
[85] 1996-09-25  
[86] 1994-03-28 (PCT/US1994/003335)  
[87] (WO1995/026531)

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**[11] 2,187,869**  
[13] C

[51] Int.Cl. 6F16K 3/08  
[25] EN  
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[54] ROBINET A CARTOUCHE  
[72] GONCZE, ZOLTAN, US  
[73] KOHLER CO., US  
[85] 1996-10-15  
[86] 1995-04-13 (PCT/US1995/004633)  
[87] (WO1995/028585)  
[30] US (227,925) 1994-04-15

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**[11] 2,188,350**  
[13] C

[51] Int.Cl. 6B29C 33/10  
[25] EN  
[54] MOLDING APPARATUS WITH COMBINED VENTING AND FLUSHING VALVE  
[54] APPAREIL DE MOULAGE AVEC VENT ET ROBINET DE CHASSE COMBINS  
[72] HORLING, TIMOTHY J., US  
[72] VANACKEREN, TIMOTHY J., US  
[73] OUTBOARD MARINE CORPORATION, US  
[22] 1996-10-21  
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[13] C

[51] Int.Cl. 6C12Q 1/60  
[25] EN  
[54] METHOD FOR DETERMINATION OF CHOLESTEROL IN LOW-DENSITY LIPOPROTEIN  
[54] PROCEDE POUR L'EVALUATION QUANTITATIVE DU CHOLESTEROL DANS UNE LIPOPROTEINE FAIBLE DENSITE  
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[72] MIIKE, AKIRA, JP  
[73] KYOWA MEDEX CO., LTD., JP  
[85] 1996-11-13  
[86] 1996-03-15 (PCT/JP1996/000664)  
[87] (WO1996/028734)  
[30] JP (7-57307) 1995-03-16

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[54] UTILISATION DE FORMULATIONS SE PRÉSENTANT SOUS FORME DE GEL COMME AGENTS DESINFECTANTS  
[72] HEINRICH, GUNTER, DE  
[72] WEBER, ERHARD, DE  
[72] ZIMMERMANN, MANFRED, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1996-11-15  
[86] 1995-05-08 (PCT/EP1995/001734)  
[87] (WO1995/031889)  
[30] DE (P 44 17 555.8) 1994-05-19

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[13] C

[51] Int.Cl. 6C08G 69/10 6A61K 38/17  
6C07K 14/47 6A61K 31/785  
[25] EN  
[54] COPOLYMER-1 IMPROVEMENTS IN COMPOSITIONS OF COPOLYMERS  
[54] AMELIORATIONS APPORTEES A DES COMPOSITIONS DE COPOLYMERES CONTENANT DU COPOLYMORE-1  
[72] KONFINO, ELIEZER, IL  
[72] SELA, MICHAEL, IL  
[72] TEITELBAUM, DVORA, IL  
[72] ARNON, RUTH, IL  
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 1996-11-22  
[86] 1995-05-23 (PCT/US1995/006551)  
[87] (WO1995/031990)  
[30] US (08/248,037) 1994-05-24  
[30] US (08/344,248) 1994-11-23

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[11] 2,192,422  
[13] C

[51] Int.Cl. 6F16H 7/14  
[25] EN  
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[54] MECANISME D'AMORTISSEMENT POUR TENDEUR  
[72] SERKH, ALEXANDER, CA  
[73] THE GATES RUBBER COMPANY, US  
[22] 1996-12-09  
[30] US (08/573827) 1995-12-18

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[11] 2,194,243  
[13] C

[51] Int.Cl. 6C08F 8/20 6C08L 23/28  
6C08F 8/38  
[25] EN  
[54] CHLORINATED AND CHLOROSULFONATED ELASTIC SUBSTANTIALLY LINEAR OLEFIN POLYMERS  
[54] POLYMERES OLEFINIQUES ELASTIQUES SENSIBLEMENT LINÉAIRES CHLORES ET CHLOROSULFONES  
[72] EFLER, LAWRENCE J., JR., US  
[72] BERARD, MARK T., US  
[72] WRIGHT, GEORGE D., US  
[73] THE DOW CHEMICAL COMPANY, US  
[85] 1996-12-31  
[86] 1995-06-28 (PCT/US1995/008195)  
[87] (WO1996/003441)  
[30] US (08/279,735) 1994-07-25

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[11] 2,194,505  
[13] C

[51] Int.Cl. 6C10G 1/10  
[25] EN  
[54] PYROLYSIS APPARATUS  
[54] APPAREIL DE PYROLYSE  
[72] BOUZIANE, RICHARD, CA  
[72] MICHAUD, RODIER, CA  
[73] BOUZIANE, RICHARD, CA  
[73] MICHAUD, RODIER, CA  
[22] 1996-12-27

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[13] C

[51] Int.Cl. 6B41M 5/38  
[25] EN  
[54] HEAT SENSITIVE COLOR RECORDING MATERIAL  
[54] MATERIAU D'ENREGISTREMENT COULEUR THERMOSENSIBLE  
[72] MATSUMOTO, SHINICHI, JP  
[73] NAIGAI CARBON INK CO., LTD., JP  
[22] 1997-01-10  
[30] JP (4083/1996) 1996-01-12

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[13] C

[51] Int.Cl. 6B66B 1/06  
[25] EN  
[54] DRIVE SYSTEM FOR VERTICAL MAST PERSONNEL LIFT  
[54] SYSTEME D'ENTRAÎNEMENT POUR MONTE-PERSONNE A MAT VERTICAL  
[72] BOECKMAN, BRIAN M., US  
[72] UNGER, MARK R., US  
[73] JLG INDUSTRIES, INC., US  
[22] 1997-01-15  
[30] US (08/588,371) 1996-01-18

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[13] C

[51] Int.Cl. 6E04H 15/58  
[25] EN  
[54] COLLAPSIBLE SHELTER WITH ELEVATED CANOPY  
[54] ABRI PLIABLE AVEC TOIT EN TOILE SURELEVE  
[72] CARTER, MARK C., US  
[73] CARTER, MARK C., US  
[85] 1997-01-20  
[86] 1995-07-12 (PCT/US1995/008653)  
[87] (WO1996/003560)  
[30] US (08/279,656) 1994-07-25

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[11] 2,197,838  
[13] C

[51] Int.Cl. 6A23D 7/015 6A23L 1/307  
[25] EN  
[54] MOUTHFEEL AND LUBRICITY ENHANCING COMPOSITION  
[54] COMPOSITION AUGMENTANT LES SENSATIONS BUCCALES ET LE POUVOIR LUBRIFIANT  
[72] MILLER, MARK S., US  
[72] SURBER, KEVIN J., US  
[72] LIS, DANIEL G., US  
[72] MARTIN, ROBERT W., JR., US  
[73] KRAFT FOODS, INC., US  
[22] 1997-02-18  
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[13] C

[51] Int.Cl. 6C07D 241/04 6C07D 403/06  
[25] EN  
[54] PROCESS FOR THE  
PREPARATION OF OPTICALLY  
ACTIVE PIPERAZINE-2-CARBOXYLIC  
ACID DERIVATIVES  
[54] METHODE POUR LA  
PREPARATION DE DERIVES DE  
L'ACIDE PIPERAZINE-2-  
CARBOXYLIQUE OPTIQUEMENT  
ACTIFS  
[72] FUCHS, RUDOLF, CH  
[73] LONZA AG, CH  
[22] 1997-03-27  
[30] CH (1028/96) 1996-04-23

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[11] **2,202,539**  
[13] C

[51] Int.Cl. 6G06F 17/30  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CREATING A SEARCHABLE DIGITAL  
VIDEO LIBRARY AND A SYSTEM AND  
METHOD OF USING SUCH A LIBRARY  
[54] PROCEDE ET DISPOSITIF DE  
CREATION DE BIBLIOTHEQUE  
VIDEONUMERIQUE CONSULTABLE,  
AVEC SON MODE D'EMPLOI DE  
LADITE BIBLIOTHEQUE  
[72] KANADE, TAKEO, US  
[72] CHRISTEL, MICHAEL G., US  
[72] REDDY, D. RAJ, US  
[72] WACTLAR, HOWARD D., US  
[72] STEVENS, SCOTT M., US  
[72] SMITH, MICHAEL A., US  
[72] MAULDIN, MICHAEL L., US  
[73] CARNEGIE MELLON UNIVERSITY,  
US  
[85] 1997-04-11  
[86] 1995-10-12 (PCT/US1995/013573)  
[87] (WO1996/012239)  
[30] US (08/324,076) 1994-10-14

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[11] **2,205,344**  
[13] C

[51] Int.Cl. 6H05B 41/24  
[25] EN  
[54] HIGH-FREQUENCY OPERATING  
CIRCUIT FOR A LOW-PRESSURE  
DISCHARGE LAMP WITH IMPROVED  
ELECTROMAGNETIC  
COMPATABILITY  
[54] CIRCUIT D'ALIMENTATION  
HAUTE FREQUENCE A  
COMPATIBILITE  
ELECTROMAGNETIQUE AMELIOREE  
POUR LAMPE A DECHARGE A BASSE  
PRESSION  
[72] FRANCK, FELIX, DE  
[73] PATENT-TREUHAND-  
GESELLSCHAFT FUER ELEKTRISCHE  
GLUEHLAMPEN MBH, DE  
[22] 1997-05-14  
[30] DE (19619581.0) 1996-05-15

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[11] **2,206,634**  
[13] C

[51] Int.Cl. 6G09B 27/04 6G02B 23/00  
[25] EN  
[54] SYSTEM FOR IDENTIFYING  
STARS, PLANETS, DEEP SKY OBJECTS  
AND CONSTELLATIONS  
[54] SYSTEME POUR IDENTIFIER  
ETOILES, PLANETES, OBJETS  
ELOIGNES DANS LE CIEL ET  
CONSTELLATIONS  
[72] LEE, SAMUEL, US  
[73] LEE, SAMUEL, US  
[73] BROWN, TIM, US  
[73] LAWRENCE, ALBERT J., US  
[22] 1997-05-30

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[11] **2,207,354**  
[13] C

[51] Int.Cl. 6G01N 3/48  
[25] EN  
[54] APPARATUS AND METHOD FOR  
DETERMINING THE DYNAMIC  
INDENTATION HARDNESS OF  
MATERIALS  
[54] APPAREIL ET METHODE  
PERMETTANT DE DETERMINER  
L'INDICE DE DURETE PAR  
PENETRATION DYNAMIQUE DES  
MATERIAUX  
[72] KOEPPEL, BRIAN J., US  
[72] SUBHASH, GHATU, US  
[72] CHANDRA, ABHIJIT, US  
[73] BOARD OF CONTROL OF  
MICHIGAN TECHNOLOGICAL  
UNIVERSITY, US  
[22] 1997-06-09  
[30] US (732,644) 1996-10-07

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[11] **2,207,982**  
[13] C

[51] Int.Cl. 6B41M 5/32  
[25] EN  
[54] STABILIZED HEAT-SENSITIVE  
IMAGING MATERIAL  
[54] MATERIAU THERMOSENSIBLE  
STABILISE POUR LA PRODUCTION  
D'IMAGES  
[72] RUSH, KENT R., US  
[73] OYO INSTRUMENTS, LP, US  
[22] 1997-06-16  
[30] US (08/666,869) 1996-06-17

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[11] **2,208,862**  
[13] C

[51] Int.Cl. 6A61L 2/26  
[25] EN  
[54] INSTRUMENT STERILIZATION  
CONTAINER HAVING IMPROVED  
DRAINAGE AND SUPPORT FOR AN  
INSTRUMENT MAT  
[54] CONTENANT POUR LA  
STERILISATION D'INSTRUMENTS  
AYANT UN DRAINAGE ET UN  
SUPPORT D'INSTRUMENTS  
AMELIORES  
[72] WU, SU-SYIN, US  
[72] HOWLETT, CHARLES, US  
[73] JOHNSON & JOHNSON MEDICAL,  
INC., US  
[22] 1997-06-26  
[30] US (08/671,983) 1996-06-28

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[11] **2,209,212**  
[13] C

[51] Int.Cl. 6A23P 1/12  
[25] EN  
[54] PROCESS FOR THE  
PREPARATION OF A FOODSTUFF BY  
EXTRUSION  
[54] PROCEDE POUR LA  
PREPARATION D'UN PRODUIT  
ALIMENTAIRE PAR EXTRUSION  
[72] PFALLER, WERNER, CH  
[72] GEROMINI, OSVALDO, CH  
[72] HECK, ERNST, CH  
[73] SOCIETE DES PRODUITS NESTLE  
S.A., CH  
[22] 1997-06-27  
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[13] C

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[54] PROCEDE DE SEPARATION ET DE PURIFICATION D'ACIDES HYDROXYNAPHTALENECARBOXYLIQUES  
[72] UENO, RYUZO, JP  
[72] KITAYAMA, MASAYA, JP  
[72] MORI, SHIGEJI, JP  
[72] YANAGAWASE, KUNIYO, JP  
[72] UCHIYAMA, YOSHIRO, JP  
[73] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
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[30] JP (294335/1995) 1995-11-13

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[11] 2,211,010  
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[51] Int.Cl. 6G09F 9/00  
[25] EN  
[54] METHOD OF DISPLAYING A PROMOTIONAL MESSAGE BY AN ELECTRONIC PRICE LABEL  
[54] METHODE D'AFFICHAGE D'UN MESSAGE PROMOTIONNEL PAR UNE ETIQUETTE DE PRIX ELECTRONIQUE  
[72] GOODWIN, JOHN C., III, US  
[73] NCR CORPORATION, US  
[22] 1997-07-21  
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[13] C

[51] Int.Cl. 6H01B 7/02  
[25] EN  
[54] TWO-LAYERED ELASTIC TUBULAR COVERING FOR ELECTRIC COMPONENTS, IN PARTICULAR TERMINATIONS FOR ELECTRIC CABLES, AND RELATED MANUFACTURING METHOD AND MOUNTING  
[54] REVETEMENT TUBULAIRE ELASTIQUE BI-COUCHE POUR COMPOSANTES ELECTRIQUES, EN PARTICULIER DES RACCORDEMENTS POUR CABLES ELECTRIQUES, ET METHODES DE FABRICATION ET DE MONTAGE CORRESPONDANTES  
[72] PORTAS, FRANCESCO, IT  
[72] VALLAURI, UBALDO, IT  
[73] PIRELLI CAVI E SISTEMI S.P.A., IT  
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[11] 2,212,852  
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[51] Int.Cl. 6B32B 27/32  
[25] EN  
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[54] FILMS THERMORETRECISSEABLES MULTICOUCHE  
[72] COMETTO, CLAUDIO, IT  
[72] PERDOMI, GIANNI, IT  
[72] BECCARINI, ENRICO, IT  
[73] MONTELL TECHNOLOGY COMPANY B.V., NL  
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[11] 2,214,465  
[13] C

[51] Int.Cl. 6C04B 35/80  
[25] EN  
[54] COMPOSITE MATERIAL PROTECTED AGAINST OXIDATION BY A SELF-HEALING MATRIX, AND A METHOD OF MANUFACTURING IT  
[54] MATERIAU COMPOSITE PROTEGE CONTRE L'OXYDATION PAR UNE MATRICE AUTOREGENERANTE, ET METHODE DE FABRICATION  
[72] LAMAZOUADE, GHISLAINE, FR  
[72] ABBE, FRANCOIS, FR  
[72] CHARVET, JEAN-LUC, FR  
[72] LELUAN, JEAN-LUC, FR  
[72] GOUJARD, STEPHANE, FR  
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC MA", FR  
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[87] (WO1996/030317)  
[30] FR (95 03606) 1995-03-28

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[11] 2,212,653  
[13] C

[51] Int.Cl. 6C30B 33/02  
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[54] METHODE POUR LE TRAITEMENT THERMIQUE DES CRISTAUX DE ZNSE  
[72] FUJIWARA, SHINSUKE, JP  
[72] HIROTA, RYU, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1997-08-08  
[30] JP (212329/1996) 1996-08-12

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[13] C

[51] Int.Cl. 6E21B 33/127  
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[54] PACKER EN DEUX ELEMENTS POUR UN TROU DE FORAGE OUVERT ET SON PROCEDE D'INSTALLATION  
[72] SERAFIN, VITOLD P., CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
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[54] PAPER ENREGISTREUR A JET D'ENCRE COMPRENANT UN NOUVEAU PIMENT A BASE DE CARBONATE DE CALCIUM PRECIPITE  
[72] DONIGIAN, DOUGLAS WARD, US  
[72] MCFADDEN, MICHAEL GREGORY, US  
[72] RESNIK, ROBERT KENNETH, US  
[73] MINERALS TECHNOLOGIES INC., US  
[85] 1997-09-16  
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[30] US (08/407,422) 1995-03-17

**[11] 2,215,758**  
[13] C

[51] Int.Cl. 6B05D 3/12 6B05C 11/00  
6B05D 1/28  
[25] EN  
[54] METHODS AND APPARATUS FOR CONTROLLED PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
[54] TECHNIQUES DE PLACEMENT CONTROLE D'UNE COMPOSITION POLYMERIQUE DANS UNE BANDE CONTINUE, ET L'APPAREIL CORRESPONDANT  
[72] CALDWELL, JAMES MICHAEL, US  
[72] SCHMERMUND, GEORGE, US  
[73] NEXTEC APPLICATIONS, INC., US  
[85] 1997-09-16  
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[30] US (08/407,191) 1995-03-17

**[11] 2,216,452**  
[13] C

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[25] EN  
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[54] CEINTURE DE GROSSESSE  
[72] SEERING, MONA E., US  
[72] SEERING, CHRISTINE L., US  
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[30] US (410,272) 1995-03-24

**[11] 2,220,736**  
[13] C

[51] Int.Cl. 6H02M 3/28  
[25] EN  
[54] POWER SUPPLY DEVICE  
[54] ALIMENTATION ELECTRIQUE  
[72] TSUJIMOTO, ETSUO, JP  
[72] ONO, MAKOTO, JP  
[72] OKURA, HIDEKI, JP  
[72] HASHIMOTO, FUMIAKI, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 1997-11-10  
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[30] JP (7-111489) 1995-05-10  
[30] JP (7-136496) 1995-06-02  
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**[11] 2,221,164**  
[13] C

[51] Int.Cl. 6A23C 3/033 6A23C 9/15  
[25] EN  
[54] METHOD FOR PRODUCING CONSUMER MILK WITH GOOD KEEPING QUALITIES  
[54] PROCEDE DE PRODUCTION DE LAIT PROPRE A LA CONSOMMATION PRESENTANT DE BONNE QUALITES DE CONSERVATION  
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[85] 1997-11-14  
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[13] C

[51] Int.Cl. 6A61L 15/44 6A61F 13/15  
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6G01N 33/573 6D06M 15/643  
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[54] TISSUS DE PROTECTION  
[72] CALDWELL, JAMES MICHAEL, US  
[72] ELLMAN, PETER, US  
[73] NEXTEC APPLICATIONS, INC., US  
[85] 1997-11-14  
[86] 1996-05-17 (PCT/US1996/007156)  
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[30] US (08/442,983) 1995-05-17  
[30] US (08/472,568) 1995-06-07  
[30] US (08/487,004) 1995-06-07

**[11] 2,221,487**  
[13] C

[51] Int.Cl. 6F04C 2/107 6E21B 43/00  
[25] EN  
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[54] POMPE A ENGRENAGES  
INTERIEURS HELICOÏDAUX  
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[73] PCM POMPES, FR  
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[30] FR (96 14227) 1996-11-21

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[13] C

[51] Int.Cl. 6C25C 1/16  
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[54] REGULATION DE L'OXYDOREDUCTION DANS LE DEPOT DE METAUX PAR ELECTROLYSE  
[72] MAKWANA, DILIPKUMAR D., CA  
[72] GONZALEZ DOMINGUEZ, JOSE ALBERTO, CA  
[73] TECK COMINCO METALS LTD., CA  
[85] 1997-11-21  
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[13] C

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[25] EN  
[54] PHARMACEUTICAL  
COMPOSITION COMPRISING A  
PROTEINASE INHIBITOR AND A  
MONOGLYCERIDE  
[54] COMPOSITIONS  
PHARMACEUTIQUES COMPRENANT  
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UN MONOGLYCERIDE  
[72] FERDINANDO, JOSEPHINE  
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[72] BAILEY, CAROLE ANNE, US  
[72] SHAH, NAVNIT, US  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 1997-12-05  
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[30] US (08/468,493) 1995-06-06  
[30] US (08/616,233) 1996-05-07

[11] 2,227,068  
[13] C

[51] Int.Cl. 6E02D 3/026 6E01C 19/26  
[25] EN  
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STABILISING WHEEL SYSTEM  
[54] COMPACTEUR DE SOL AVEC  
DISPOSITIF A ROUE STABILISATRICE  
[72] BERRANGE, AUBREY RALPH, GB  
[73] COMPACTION TECHNOLOGY  
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[85] 1998-01-16  
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[87] (WO1997/004179)  
[30] GB (9514583.5) 1995-07-17

[11] 2,227,348  
[13] C

[51] Int.Cl. 6A61B 10/00  
[25] EN  
[54] METHODS AND DEVICES FOR  
COLLECTION OF SOFT TISSUE  
[54] METHODES ET DISPOSITIFS DE  
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[72] TRAN, MINH, US  
[72] RITCHART, MARK A., US  
[73] ETHICON ENDO-SURGERY, US  
[22] 1998-01-19  
[30] US (08/786,497) 1997-01-21

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[13] C

[51] Int.Cl. 6H05K 5/03 6H02G 3/02  
6H02B 1/28 6H01R 13/447  
[25] EN  
[54] ELECTRICAL DEVICE  
WATERPROOF COVER WITH SNAP-IN  
MODULAR PLATES  
[54] COUVERCLE ETANCHE A L'EAU  
POUR APPAREILS ELECTRIQUES  
COMPRENANT DES PLAQUES  
MODULAIRES A FIXATION PAR  
PRESSION  
[72] SCHNELL, KENNETH R., US  
[72] KESLER, GREGORY J., US  
[73] HUBBELL INCORPORATED, US  
[22] 1998-01-30  
[30] US (08/810,163) 1997-02-28

[11] 2,232,213  
[13] C

[51] Int.Cl. 6E21B 47/12 6H01R 13/00  
[25] EN  
[54] SUBASSEMBLY ELECTRICAL  
ISOLATION CONNECTOR FOR DRILL  
ROD  
[54] SOUS-ENSEMBLE DE  
CONNECTEURS D'ISOLATION  
ELECTRIQUE POUR UNE TIGE DE  
FORAGE  
[72] LOGAN, DEREK W., CA  
[72] DOPF, ANTHONY ROBERT, CA  
[72] CAMWELL, PAUL L., CA  
[73] RYAN ENERGY TECHNOLOGIES  
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[22] 1998-03-16

[11] 2,232,251  
[13] C

[51] Int.Cl. 6B62D 25/20  
[25] EN  
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VEHICLE  
[54] STRUCTURE DE PLANCHER  
POUR VEHICULE AUTOMOBILE  
[72] TAKAHASHI, TOSHIKI, JP  
[72] HASSHI, SUEHIRO, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING  
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[22] 1998-03-16  
[30] JP (9-88960) 1997-03-24  
[30] JP (9-88961) 1997-03-24

[11] 2,232,768  
[13] C

[51] Int.Cl. 6B08B 3/14 6H01L 21/02  
6B08B 3/12  
[25] EN  
[54] METHOD FOR USING HIGH  
DENSITY COMPRESSED LIQUEFIED  
GASES IN CLEANING APPLICATIONS  
[54] METHODE D'UTILISATION DE  
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COMPRIMES DANS DES  
APPLICATIONS RELIEES AU  
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[72] ARAI, KUNIO, JP  
[72] SMITH, RICHARD LEE, JP  
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[11] 2,232,835  
[13] C

[51] Int.Cl. 6A23L 2/60 6A23F 3/30 6A23L  
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[25] EN  
[54] ASPARTAME-SWEETENED,  
ACIDIC, POWDERED BEVERAGE MIX  
[54] MELANGE A BOISSON ACIDULEE  
EN CRISTAUX, SUCRE A  
L'ASPARTAME  
[72] CHUANG, LOCUS YAW-JEN, US  
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[22] 1998-03-23  
[30] US (977,959) 1997-11-25

[11] 2,233,856  
[13] C

[51] Int.Cl. 6G01V 1/00 6G01V 1/04  
6G01V 1/36  
[25] EN  
[54] METHOD FOR SEPARATION OF A  
PLURALITY OF VIBRATORY SEISMIC  
ENERGY SOURCE SIGNALS  
[54] PROCEDE DE SEPARATION  
D'UNE PLURALITE DE SIGNAUX DE  
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[73] MOBIL OIL CORPORATION, US  
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[13] C

[51] Int.Cl. 6C09D 175/04 6C08G 18/38  
[25] EN  
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[54] REVETEMENT CONSTITUE D'UN POLYMER ACRYLIQUE ET D'UN POLYISOCYANATE FLUORE  
[72] THOMAS, RICHARD RONALD, US  
[72] GRAHAM, WILLIAM FRANK, US  
[72] ANTON, DOUGLAS ROBERT, US  
[72] DARMON, MICHAEL J., US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1998-04-08  
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[30] US (08/543,677) 1995-10-16

[11] **2,234,445**  
[13] C

[51] Int.Cl. 6A43B 5/00 6A43B 5/02 6A43B 13/14 6A43C 15/16 6A43B 13/18 6A43B 13/22 6A43B 13/26  
[25] EN  
[54] SHOE WITH CIRCULAR PAD IN THE SOLE TO RELIEVE TWISTING STRESSES ON THE KNEE  
[54] CHAUSSURE A SEMELLE EQUIPEE D'UN COUSSINET CIRCULAIRE PERMETTANT DE SOULAGER LES EFFORTS DE TORSION SUR LES GENOUX  
[72] SEDDON, JON, AU  
[72] GOLDBERG, JACK, AU  
[72] FREED, YARIV GARY, AU  
[73] JACK GOLDBERG, AU  
[85] 1998-04-09  
[86] 1996-10-09 (PCT/AU1996/000634)  
[87] (WO1997/013422)  
[30] AU (PN 5918) 1995-10-11  
[30] AU (PO 1810) 1996-08-21

[11] **2,236,961**  
[13] C

[51] Int.Cl. 6A61B 7/04  
[25] EN  
[54] ELECTRONIC STETHOSCOPE WITH IDEALIZED BELL AND IDEALIZED DIAPHRAGM MODES  
[54] STETHOSCOPE ELECTRONIQUE AVEC MODES SONNERIE ET DIAPHRAGME IDEALISE  
[72] DUFRESNE, JOEL R., US  
[72] DIEKEN, ALAN P., US  
[72] HULSE, DANIEL V., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1998-05-06  
[86] 1996-10-22 (PCT/US1996/016936)  
[87] (WO1997/019640)  
[30] US (08/563186) 1995-11-27

[11] **2,242,266**  
[13] C

[51] Int.Cl. 6H04L 12/16 6A61B 6/00  
[25] EN  
[54] TELERADIOLOGY SYSTEM FOR THE STORAGE AND TRANSMISSION OF ANGIOGRAPHIC AND RELATED IMAGE SEQUENCES  
[54] SYSTEME DE TELERADIOLOGIE DESTINE AU STOCKAGE ET A LA TRANSMISSION DE SEQUENCES D'IMAGES D'ANGIOGRAPHIE ASSOCIEES  
[72] CANTONI, CHARLES W., US  
[73] SCIMAGE, INC., US  
[85] 1998-07-03  
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[87] (WO1998/022938)  
[30] US (60/030,205) 1996-11-06  
[30] US (08/964,118) 1997-11-04

[11] **2,239,438**  
[13] C

[51] Int.Cl. 6B65D 19/38 6B65D 19/00  
[25] EN  
[54] METHOD AND APPARATUS FOR STABILIZING PALLETIZED STACKS OF DISCRETE ITEMS  
[54] PROCEDE ET DISPOSITIF DE STABILISATION DE PILES PALETTISEES D'OBJETS DISTINCTS  
[72] HENRY, WILLIAM A., US  
[73] HENRY, WILLIAM A., US  
[85] 1998-06-03  
[86] 1996-12-03 (PCT/US1996/019198)  
[87] (WO1997/020743)  
[30] US (08/567,120) 1995-12-04

[11] **2,242,685**  
[13] C

[51] Int.Cl. 6C01B 11/02 6C25B 15/08  
[25] EN  
[54] NITRIC ACID BASED CHLORINE DIOXIDE GENERATION PROCESS  
[54] PROCEDE DE PRODUCTION DE DIOXYDE DE CHLORE A L'AIDE D'ACIDE NITRIQUE  
[72] BECHBERGER, EDWARD J., CA  
[73] SUPERIOR PLUS INC. / SUPERIEUR PLUS INC., CA  
[22] 1998-07-09  
[30] US (60/054,557) 1997-08-01

[11] **2,242,225**  
[13] C

[51] Int.Cl. 6G01S 13/95  
[25] FR  
[54] PROCEDE DE DETERMINATION DU TAUX DE PRECIPITATION PAR RADAR A DOUBLE POLARISATION ET RADAR METEOROLOGIQUE LE METTANT EN OEUVRÉ  
[54] METHOD FOR DETERMINING THE PRECIPITATION RATIO BY DOUBLE POLARISATION RADAR AND METEOROLOGICAL RADAR FOR IMPLEMENTING SUCH PROCESS  
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[72] DEVINNE, REGIS, FR  
[72] BEGUIN, DANIEL, FR  
[73] THOMSON-CSF, FR  
[85] 1998-06-25  
[86] 1996-12-13 (PCT/FR1996/002006)  
[87] (WO1997/024629)  
[30] FR (95/15483) 1995-12-26

[11] **2,245,158**  
[13] C

[51] Int.Cl. 6A61B 17/62 6A61L 31/00 6A61B 17/64  
[25] EN  
[54] EXTERNAL FIXATION DEVICE WITH COMPOSITE RINGS  
[54] DISPOSITIF DE FIXATION EXTERNE A CERCLAGE COMPOSITE  
[72] STURGEON, DONALD MARTIN, US  
[72] ALLOTT, JEFFREY GIBSON, US  
[73] DEPUY ORTHOPAEDICS, INC., US  
[85] 1998-07-29  
[86] 1997-02-12 (PCT/US1997/002250)  
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[30] US (08/605,563) 1996-02-22

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[13] C

[51] Int.Cl. 6G06F 17/50 6G06F 19/00  
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[25] EN  
[54] GRAPHICAL METHOD AND  
SYSTEM FOR MODELING AND  
ESTIMATING CONSTRUCTION  
PARAMETERS  
[54] METHODE ET SYSTEME  
GRAPHIQUE POUR LA  
MODELISATION ET L'ESTIMATION  
DE PARAMETRES DE  
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[72] LOVELAND, JAMES B., US  
[73] XACTWARE INFORMATION  
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[22] 1998-09-30  
[30] US (08/991,148) 1997-12-16

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[11] 2,249,886  
[13] C

[51] Int.Cl. 6G01N 27/453 6G01N 33/68  
6C12Q 1/68  
[25] EN  
[54] ACRYLIC MICROCHANNELS AND  
THEIR USE IN ELECTROPHORETIC  
APPLICATIONS  
[54] MICROCANAUX ACRYLIQUES ET  
LEUR UTILISATION DANS DES  
APPLICATIONS  
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[72] SOANE, ZOYA M., US  
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WITH MINIATURE WINDOWS  
CORRESPONDING TO EACH PAGE  
[54] MENU D'INTERFACE POUR  
ECRAN AVEC FENETRES  
MINIATURES CORRESPONDANT A  
CHAQUE PAGE  
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[72] COSSEY, GEORGE, US  
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6A43B 13/26  
[25] EN  
[54] TRACTION ENHANCING  
ARTICLES OF MANUFACTURE  
[54] ARTICLES SERVANT A  
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INSTRUMENT MOUNTING  
MANIFOLD  
[54] ACTIONNEUR DE VANNE AVEC  
EMBASE DE MONTAGE  
D'APPAREILLAGE ET COLLECTEUR  
[72] OSGOOD, MELVIN LEW, US  
[72] PAULLUS, STEVEN BURL, US  
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REGISTERS IN A MOBILE RADIO  
SYSTEM  
[54] MEMOIRES DE POSITIONS  
D'UTILISATEURS PERMANENTS  
DUPLIQUEES DANS UN SYSTEME DE  
RADIOCOMMUNICATION MOBILE  
[72] MEDRANO, CUAUHTEMOC, MX  
[72] LINDQUIST, JAN, DE  
[72] MACDERMOTT, SIMON, GB  
[72] PAVON, GUSTAVO, US  
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SPRING  
[54] DISPOSITIF POUR DECLENCHEZ  
UN RESSORT A GAZ  
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[54] BLOC D'ALIMENTATION  
[72] BEYER, LOTHAR, DE  
[73] ELLENBERGER & POENSGEN  
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[25] EN  
[54] RADIO-FREQUENCY AND  
MICROWAVE-ASSISTED  
PROCESSING OF MATERIALS  
[54] TRAITEMENT DE MATERIAUX A  
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AUTOREGLABLE  
[72] BEAVERS, ALLAN E., US  
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CONVEYOR BELTS FOR THE  
MANUFACTURE OF MOLDED  
ARTICLES  
[54] ARRANGEMENT AVEC  
TRANSPORTEUR A COURROIE ET  
DISPOSITIF POUR LA FABRICATION  
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[72] KLEPSCH, RUDOLF, AT  
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[25] EN  
[54] TRANSPARENT INSULATED  
CONTAINER AND MANUFACTURING  
METHOD THEREFOR  
[54] CONTENANT ISOTHERME  
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FABRICATION DUDIT CONTENANT  
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[72] MATSUDA, KUNIO, JP  
[72] YAMADA, MASASHI, JP  
[73] NIPPON SANSO CORPORATION, JP  
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[54] MECANISME DE BLOCAGE DE  
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[54] TETE DE CIMENTATION A  
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CONTROL METHOD FOR A  
CONSTRUCTION MACHINE  
[54] APPAREIL ET PROCEDE POUR  
COMMANDER UNE MACHINE DE  
CONSTRUCTION  
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[85] 1999-07-16  
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[25] EN  
[54] RAZOR BLADE AND CARTRIDGE  
INCLUDING SAME AND METHOD OF  
MAKING SAME  
[54] LAME DE RASOIR, CARTOUCHE  
CONTENANT CELLE-CI ET PROCEDE  
DE FABRICATION DE CELLE-CI  
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[73] THE GILLETTE COMPANY, US  
[85] 1999-07-27  
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[54] ELEVATEUR SUR REMORQUE  
[72] STEURY, VIRGIL H., US  
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[73] STEURY, VIRGIL H., US  
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[13] C

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[25] EN  
[54] IN-TANK TOILET CLEANSING  
BLOCK  
[54] BLOC DE NETTOYAGE POUR  
CABINETS IMMERGE DANS LE  
RESERVOIR DE CHASSE D'EAU  
[72] VELTMAN, JEROME J., US  
[72] LANCE-GOMEZ, EDWARD T., US  
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[85] 1999-08-06  
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SUPPORTING STRUCTURE  
[54] CADRE SUPPORT POUR ARBRES  
D'EQUILIBRAGE  
[72] IWATA, KAZUYUKI, JP  
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DISCHARGE BALLAST  
[54] BALLAST ELECTRONIQUE A  
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[72] ROMAN, DANIEL, CA  
[73] ROMLIGHT INTERNATIONAL INC.,  
BB  
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[85] 1999-08-24  
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[30] US (08/805,422) 1997-02-25

[11] 2,286,536  
[13] C

[51] Int.Cl. 6H03F 1/32 6H03F 1/02  
[25] EN  
[54] MULTICHANNEL  
AMPLIFICATION SYSTEM USING  
MASK DETECTION  
[54] SYSTEME D'AMPLIFICATION  
MULTICANAL A DETECTION DE  
MASQUE  
[72] SHIN, DO B., US  
[72] HA, THOMAS, US  
[73] POWERWAVE TECHNOLOGIES,  
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[22] 1999-10-18  
[30] US (09/174,705) 1998-10-19

[11] 2,280,523  
[13] C

[51] Int.Cl. 6B22D 11/16 6B22D 11/10  
[25] EN  
[54] CONTINUOUS CASTING  
APPARATUS USING A MOLTEN  
METAL LEVEL GAUGE  
[54] APPAREIL DE MOULAGE EN  
CONTINU A JAUGE DE NIVEAU DU  
METAL  
[72] WAJIMA, KIYOSHI, JP  
[72] TANI, MASAHIRO, JP  
[72] MATSUDA, HIDEKI, JP  
[72] FUJISAKI, KEISUKE, JP  
[73] NIPPON STEEL CORPORATION, JP  
[85] 1999-08-05  
[86] 1998-12-08 (PCT/JP1998/005551)  
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[54] METHOD FOR PROVIDING  
ENCRYPTION CONTROL IN A  
NETWORK ARCHITECTURE  
[54] METHODE DE COMMANDE  
CRYPTEE DANS UNE ARCHITECTURE  
EN RESEAU  
[72] KUMAR, MAHESH M., US  
[72] THAKUR, NEELESH M., US  
[72] KLINKNER, STEVEN R., US  
[72] MAHESHWARI, RAJIV, US  
[73] AT&T CORP., US  
[22] 1999-10-22  
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[54] ENSEMBLE RASOIR  
[72] LEE, ALEJANDRO, US  
[72] CARSON, WILLIAM C., III, US  
[72] KOHRING, DOUGLAS R., US  
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[54] REFRIGERATEUR  
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[25] EN  
[54] NOVEL AZALIDES AND  
METHODS OF MAKING SAME  
[54] NOUVEAUX AZALIDES ET  
PROCEDE DE FABRICATION  
[72] MCARTHUR, HAMISH ALASTAIR  
IRVINE, US  
[72] DIRLAM, JOHN PHILIP, US  
[72] MORSE, BROOK KNIGHT, US  
[72] O'CONNELL, THOMAS NOEL, US  
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[22] 1999-12-15  
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[51] Int.Cl. 7E01F 13/06  
[25] EN  
[54] DRIVE MECHANISM FOR A  
BARRIER  
[54] MECANISME D'ENTRAINEMENT  
POUR BARRIERE D'ARRET  
[72] LAIS, LOTHAR, DE  
[72] SCHWALD, WALTER, DE  
[73] MAGNETIC AUTOCONTROL  
GMBH, DE  
[85] 2000-01-11  
[86] 1997-07-17 (PCT/EP1997/003821)  
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[13] C

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[25] EN  
[54] RESILIENT SEAL FOR  
MEMBRANE ELECTRODE ASSEMBLY  
(MEA) IN AN ELECTROCHEMICAL  
FUEL CELL AND METHOD OF  
MAKING SAME  
[54] ETANCHEITE RESILIENTE  
DESTINEE A UN ENSEMBLE  
ELECTRODES A MEMBRANE (MEA)  
DANS UNE CELLULE A CARBURANT  
ELECTROCHIMIQUE ET PROCEDE  
DE FABRICATION DE LADITE  
ETANCHEITE  
[72] BARTON, RUSSELL H., CA  
[72] VOSS, HENRY, CA  
[72] GIBB, PETER R., CA  
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[73] BALLARD POWER SYSTEMS INC.,  
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[25] EN  
[54] INTEGRAL SNAP BUTTON AND  
ANTI-RATTLE MEMBER  
[54] ELEMENT MONOBLOC  
FORMANT BOUTON-POUSSOIR ET  
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[72] OBITTS, SHANE, US  
[73] INVACARE CORPORATION, US  
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[25] EN  
[54] A METHOD OF AND A DEVICE  
FOR DIGITAL SIGNAL  
TRANSMISSION  
[54] METHODE ET DISPOSITIF DE  
TRANSMISSION NUMERIQUE DES  
SIGNAUX  
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[73] TELECOM ITALIA LAB SPA, IT  
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[72] KRUPA, ROBERT, US  
[72] LULAVAGE, CHESTER C., US  
[73] CENTURY DEVELOPMENT INTERNATIONAL, LTD., US  
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[86] 1998-07-08 (PCT/US1998/014204)  
[87] (WO1999/004469)  
[30] US (08/897,349) 1997-07-21

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[13] C

[51] Int.Cl. 7C08F 214/22 7H01B 1/12  
7C08L 27/16 7H01M 10/40  
[25] EN  
[54] GEL-FORM SOLID ELECTROLYTE-FORMING VINYLIDENE FLUORIDE COPOLYMER, SOLID ELECTROLYTE AND BATTERY  
[54] COPOLYMER DE FLUORURE DE VINYLIDENE PERMETTANT DE FORMER UN ELECTROLYTE SOLIDE GELIFIÉ, ELECTROLYTE SOLIDE ET PILE  
[72] KATSURAO, TAKUMI, JP  
[72] HORIE, KATSUO, JP  
[72] ICHIKAWA, YUKIO, JP  
[72] NAGAI, AISAKU, JP  
[73] KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, JP  
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[86] 1998-07-23 (PCT/JP1998/003292)  
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7C07K 14/475  
[25] EN  
[54] METHOD FOR PREVENTING AND TREATING HEARING LOSS USING A NEURTURIN PROTEIN PRODUCT  
[54] PROCEDES DE PREVENTION ET DE TRAITEMENT DES PERTES D'AUDITION A L'AIDE D'UN PRODUIT PROTEIQUE DE NEURTURINE  
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[72] MAGAL, ELLA, US  
[73] AMGEN INC., US  
[85] 2000-01-26  
[86] 1998-07-17 (PCT/US1998/014600)  
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[30] US (60/054,184) 1997-07-30  
[30] US (09/106,486) 1998-06-29

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[13] C

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[25] EN  
[54] METHOD AND RADIO STATION FOR TRANSMITTING DATA  
[54] PROCEDE ET STATION RADIO POUR LA TRANSMISSION DE DONNEES  
[72] EUSCHER, CHRISTOPH, DE  
[72] WEBER, TOBIAS, DE  
[72] SCHLEE, JOHANNES, DE  
[72] MAYER, JURGEN, DE  
[72] BAHRENBURG, STEFAN, DE  
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[11] 2,299,013  
[13] C

[51] Int.Cl. 7C07D 213/56 7A61P 9/00  
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[25] EN  
[54] NEUROPEPTIDE Y ANTAGONISTS  
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[72] HAMMOND, MARLYS, US  
[72] HANK, RICHARD FREDERICK, US  
[73] PFIZER PRODUCTS INC., US  
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[51] Int.Cl. 7H04L 12/56  
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[54] ACHEMINEMENT AU MOYEN DES CRITERES DE "SUCCES JUSQU'AU SOMMET" ET DE CLASSE DE SERVICE  
[72] FISHMAN, SAUL DANIEL, US  
[72] MAUNDER, ANURAG S., US  
[72] CHEN, JIAYU, US  
[72] ASH, GERALD RICHARD, US  
[73] AT&T CORP., US  
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[13] C

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[25] EN  
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[54] INTERFACES AMELIOREES DE DETECTEUR/CONTROLEUR POUR SYSTEMES MICROFLUIDIQUES  
[72] CHOW, CALVIN Y. H., US  
[72] KENNEDY, COLIN B., US  
[72] MCREYNOLDS, RICHARD J., US  
[72] BOUSSE, LUC J., US  
[72] PARCE, J. WALLACE, US  
[73] CALIPER TECHNOLOGIES CORP., US  
[85] 2000-02-08  
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[13] C

[51] Int.Cl. 7B62D 61/10 7B60C 5/00  
[25] EN  
[54] WHEEL-MOUNTED VEHICLE AND PNEUMATIC TYRE FOR SAID VEHICLE  
[54] VEHICULE A ROUES ET PNEUMATIQUE POUR CE VEHICULE  
[72] REMIZOV, VALERY VLADIMIROVICH, RU  
[72] MIKHAILOV, NIKOLAI VASILIEVICH, RU  
[72] SEDYKH, ALEXANDR DMITRIEVICH, RU  
[72] KLIMANOV, EVGENY VASILIEVICH, RU  
[72] KNYAZKOV, VADIM NIKOLAEVICH, RU  
[73] REMIZOV, VALERY VLADIMIROVICH, RU  
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[13] C

[51] Int.Cl. 7C12N 15/54 7C12N 5/10 7C12N 9/10 7C12N 15/10 7C12P 19/18 7C12Q 1/48 7C12Q 1/68  
[25] EN  
[54] LOW TEMPERATURE EXPRESSION CDNAS ENCODING FRUCTAN SYNTHESIZING ENZYMES AND METHOD OF ISOLATING THE SAME  
[54] ADNC DONT L'EXPRESSION EST REGULEE PAR LA BASSE TEMPERATURE CODANT POUR LES ENZYMES DE SYNTHESE DU FRUCTOSANE ET METHODE POUR LES ISOLER  
[72] TERAMI, FUMIHIRO, JP  
[72] KURIKI, MIDORI, JP  
[72] KAWAKAMI, AKIRA, JP  
[73] INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND BIO-ORIENTED RESEARCH ORGANIZATION, JP  
[22] 2000-03-23  
[30] JP (11-81695) 1999-03-25

**[11] 2,301,705**  
[13] C

[51] Int.Cl. 7C09D 201/02  
[25] EN  
[54] CURABLE COATING COMPOSITIONS CONTAINING BLENDS OF CARBAMATE-FUNCTIONAL COMPOUNDS  
[54] COMPOSITIONS DE REVETEMENT DURCISSABLES CONTENANT DES MELANGES DE COMPOSES COMPRENANT DES GROUPES FONCTIONNELS CARBAMATE  
[72] Bammel, Brian D., US  
[72] McGee, John D., US  
[72] Green, Marvin L., US  
[72] Regulski, Danielle A., US  
[72] Ohrbom, Walter H., US  
[73] BASF CORPORATION, US  
[85] 2000-02-17  
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[30] US (08/997,317) 1997-12-23

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[13] C

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[25] EN  
[54] MULTIPURPOSE TOOL  
[54] OUTIL POLYVALENT  
[72] Gjerde, Cliff, CA  
[73] Gjerde, Cliff, CA  
[22] 2000-03-23

**[11] 2,302,628**  
[13] C

[51] Int.Cl. 7B09C 1/08  
[25] EN  
[54] SYSTEM FOR ALLEVIATING DNAPL CONTAMINATION IN GROUNDWATER  
[54] SYSTEME POUR REDUIRE LA CONTAMINATION DES EAUX SOUTERRAINES PAR LES LIQUIDES NON AQUEUX DENSES  
[72] Cherry, John Anthony, CA  
[72] Nelson, Matthew David, CA  
[72] Parker, Beth Louise, CA  
[73] UNIVERSITY OF WATERLOO, CA  
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[13] C

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[54] STIMULATEUR ORAL  
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[85] 2000-02-22  
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[54] NICEL METALLIQUE EN POUDRE  
[72] TAKATORI, HIDEO, JP  
[72] ITO, TAKAYUKI, JP  
[73] TOHO TITANIUM CO., LTD., JP  
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[54] ARTICLES TEXTILES CHAUFFANTS ELECTRIQUES  
[72] SHARMA, VIKRAM, US  
[72] ROCK, MOSHE, US  
[73] MALDEN MILLS INDUSTRIES, INC., US  
[22] 2000-04-18  
[30] US (09/296,375) 1999-04-22

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[13] C

[51] Int.Cl. 7A23C 19/032 7A23C 19/04  
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[72] HAN, XIAO-QING, US  
[72] SPRADLIN, JOSEPH EDGAR, US  
[73] KRAFT FOODS, INC., US  
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[30] US (300,714) 1999-04-27

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[13] C

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[54] DISTRIBUTEUR ROTATIF DE ROULEAUX DE PIECES DE MONNAIE  
[72] SCOTT, LOWELL, US  
[73] HAMILTON SAFE COMPANY, INC., US  
[85] 2000-04-17  
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[25] EN  
[54] POWER CONVERTER CONTROL DEVICE AND POWER CONVERTER THEREOF  
[54] DISPOSITIF DE COMMANDE D'UN CONVERTISSEUR DE PUISSANCE, ET CONVERTISSEUR DE PUISSANCE CONNEXE  
[72] SONODA, MICHIO YOSHI, JP  
[72] OTSUBO, RYO, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-04-27  
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[51] Int.Cl. 7A61K 35/78 7A61K 9/20 7A23L 1/30 7A61K 9/48 7A61K 31/56  
[25] EN  
[54] METHOD FOR INHIBITING OR REDUCING THE RISK OF MACULAR DEGENERATION  
[54] METHODE POUR PREVENIR OU REDUIRE LE RISQUE DE DEGENERESCENCE MACULAIRE  
[72] JENKS, BELINDA H., US  
[73] SOLAE, LLC, US  
[22] 2000-05-11

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[13] C

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[25] EN  
[54] VELOUR-LIKE PILE ARTICLES AND PILE SURFACE STRUCTURES AND METHODS OF MAKING  
[54] ARTICLES TEXTILES A POILS DU TYPE VELOURS, STRUCTURES DE SURFACES TEXTILES A POILS ET PROCEDES DE FABRICATION  
[72] PUSTOLSKI, PAUL FELIX, US  
[72] WEEKS, GREGORY PAUL, US  
[72] VEENEMA, PETER, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-05-08  
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[30] US (60/067,566) 1997-12-05

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[11] 2,312,105  
[13] C

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[25] EN  
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[54] CONNECTEUR A USAGE GENERAL ET METHODE DE CONNEXION  
[72] KUROI, YOSHIHIRO, JP  
[72] TAKAHASHI, WATARU, JP  
[72] KIKUCHI, KAZUYA, JP  
[73] NEC TOKIN CORPORATION, JP  
[22] 2000-06-23  
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[54] GARNITURE ONDULEE  
[72] MCKEIGUE, KEVIN, US  
[72] KRISHNAMURTHY, RAMACHANDRAN, US  
[72] KOOIJMAN, HENDRIK ADRIAAN, DE  
[73] THE BOC GROUP, INC., US  
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[54] ELECTROROBINET A VERRUILAGE AUTOMATIQUE ET CIRCUIT DE COMMANDE  
[72] JANSEN, ERIC P., US  
[72] JONES, THOMAS R., US  
[73] MAC VALVES, INC., US  
[22] 2000-07-04  
[30] US (09/347,043) 1999-07-02

[11] **2,313,656**  
[13] C

[51] Int.Cl. 7G03G 15/05 7H01R 4/66  
[25] EN  
[54] FLANGE DEVICE WITH FINISHED SURFACE  
[54] DISPOSITIF DE BRIDE A SURFACE FINIE  
[72] ZAMAN, KAMRAN U., US  
[72] SCHUTT, GEORGE A., US  
[72] LEENHOUTS, TIMOTHY J., US  
[73] XEROX CORPORATION, US  
[22] 2000-07-10  
[30] US (09/356,121) 1999-07-16  
[30] US (09/515,841) 2000-02-29

[11] **2,314,058**  
[13] C

[51] Int.Cl. 7B23K 9/09 7B23K 10/02  
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[25] EN  
[54] METHOD OF PIPE WELDING  
[54] METHODE DE SOUDAGE DE TUYAUX  
[72] STAVA, ELLIOTT K., US  
[72] NICHOLSON, PETER, US  
[73] LINCOLN GLOBAL, INC., US  
[22] 2000-07-18  
[30] US (09/359,377) 1999-07-23

[11] **2,314,127**  
[13] C

[51] Int.Cl. 7F01N 3/28 7B01J 35/04  
7B01D 53/88  
[25] EN  
[54] CAN STRUCTURE AND MANUFACTURING METHOD THEREOF  
[54] STRUCTURE DE GAINAGE ET METHODE DE FABRICATION  
[72] YAMADA, TOSHIO, JP  
[72] HIJKATA, TOSHIHIKO, JP  
[73] NGK INSULATORS, LTD., JP  
[22] 2000-07-18  
[30] JP (11-207265) 1999-07-22

[11] **2,314,213**  
[13] C

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[25] EN  
[54] DEVICE FOR MEASURING THE MATERIAL LEVEL IN A VESSEL  
[54] DISPOSITIF DE MESURE DU NIVEAU DE MATERIAU DANS UN RECIPIENT  
[72] LUTKE, WOLFRAM, DE  
[72] REIMELT, RALF, DE  
[72] THOREN, WERNER, DE  
[72] NEUHAUS, JOACHIM, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-07-19  
[30] EP (99 11 4510.3) 1999-07-23

[11] **2,314,291**  
[13] C

[51] Int.Cl. 7B65H 16/00 7B65B 13/00  
[25] EN  
[54] UNWINDING APPARATUS  
[54] DEROULEUR  
[72] FISCHER, CHARLES, CH  
[73] STRAPEX HOLDING GMBH, CH  
[22] 2000-07-19  
[30] DE (199 35 051.5) 1999-07-26

[11] **2,315,170**  
[13] C

[51] Int.Cl. 6E21B 34/06 6E21B 23/00  
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[25] EN  
[54] ISOLATION SYSTEM FOR TWO PRODUCING FORMATIONS  
[54] SYSTEME D'ISOLATION POUR DEUX FORMATIONS DE PRODUCTION  
[72] PATEL, DINESH R., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-06-14  
[86] 1998-12-04 (PCT/US1998/025838)  
[87] (WO1999/031352)  
[30] US (60/069,629) 1997-12-15

[11] **2,316,570**  
[13] C

[51] Int.Cl. 7B23Q 1/01 7B23C 1/027  
[25] EN  
[54] HIGH-SPEED PRODUCTION UNIT FOR MACHINING OPERATIONS  
[54] UNITE DE PRODUCTION HAUTE VITESSE POUR TRAVAUX D'USINAGE  
[72] REPOSSINI, CLAUDIO, IT  
[73] MINISTERO DELL'UNIVERSITA'E DELLA RICERCA SCIENTIFICA E TECNOLOGICA, IT  
[22] 2000-08-22

[11] **2,317,014**  
[13] C

[51] Int.Cl. 7F04C 11/00 7F04C 2/18  
[25] EN  
[54] SERIES FOR COMPRESSED AIR MOTORS WITH TORQUE WHICH CAN BE THEORETICALLY OUTPUT IN A VARIED MANNER AND A METHOD FOR PRODUCING THE INDIVIDUAL COMPRESSED MOTORS OF SAID SERIES  
[54] GAMME DE MOTEURS A AIR COMPRIME AYANT DIFFERENTS COUPLES THEORIQUEMENT CEDES ET PROCEDE DE PRODUCTION DES DIFFERENTS MOTEURS A AIR COMPRIME DE LA GAMME  
[72] KORNER, TILLMANN, DE  
[73] VOITH TURBO GMBH & CO. KG, DE  
[85] 2000-06-27  
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[54] DISPOSITIF PERMETTANT D'EQUILIBRER LES CHARGES D'UNE PLURALITE DE SERVEURS DE RESEAUX  
[72] MATTHEWS, ABRAHAM R., US  
[72] BHASKARAN, SAJIT, US  
[73] HOLONTECH CORPORATION, US  
[85] 2000-07-31  
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[87] (WO1999/032956)  
[30] US (08/992,038) 1997-12-19

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[13] C

[51] Int.Cl. 6G01N 1/30  
[25] EN  
[54] AUTOMATED MOLECULAR PATHOLOGY APPARATUS HAVING INDEPENDENT SLIDE HEATERS  
[54] APPAREIL AUTOMATISE D'ANATOMIE PATHOLOGIQUE MOLECULAIRE AVEC RECHAUFFEURS INDEPENDANTS DE MICROPLAQUETTES  
[72] RICHARDS, WILLIAM, US  
[72] LEMME, CHARLES D., US  
[72] CHRISTENSEN, KIMBERLY, US  
[72] MACREA, ETHEL, US  
[73] VENTANA MEDICAL SYSTEMS, INC., US  
[85] 2000-08-23  
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[13] C

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[25] EN  
[54] ARC WELDING MONITORING SYSTEM  
[54] SYSTEME DE SURVEILLANCE DES ACTIVITES DE SOUDAGE A L'ARC  
[72] COOPER, EDWARD L., US  
[72] ZEILER, JOHN F., US  
[72] IVKOVICH, STEPHEN P., US  
[73] ACCUDATA, INC., US  
[73] IMPACT ENGINEERING, INC., US  
[22] 2000-11-24  
[30] US (09/472,587) 1999-12-27

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[11] 2,326,924  
[13] C

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[25] EN  
[54] METHODS AND APPARATUS FOR SERVICE STATE-BASED PROCESSING OF COMMUNICATIONS IN A CALL CENTER  
[54] METHODES ET APPAREIL DE TRAITEMENT DE COMMUNICATIONS BASE SUR L'ETAT DE SERVICE DANS UN CENTRE D'APPELS  
[72] MATHEWS, EUGENE P., US  
[72] KOHLER, JOYLEE E., US  
[72] FOSTER, ROBIN H., US  
[72] FLOCKHART, ANDREW DEREK, US  
[73] AVAYA TECHNOLOGY CORP., US  
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[13] C

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[25] EN  
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[54] ARMATURE DE TENTE PLIANTE  
[72] HAN, JAN-LONG, XX  
[73] HAN, JAN-LONG, XX  
[22] 2000-12-01

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[13] C

[51] Int.Cl. 7B60S 3/00  
[25] EN  
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[54] RECIPIENT D'ÉCOULEMENT  
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[22] 2000-12-29  
[30] US (174.167) 2000-01-03

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[13] C

[51] Int.Cl. 6B41M 5/035 6D06P 5/00  
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[25] EN  
[54] COLOR TONER CONTAINING SUBLIMATION DYES FOR USE IN ELECTROPHOTOGRAPHIC IMAGING DEVICES  
[54] TONER DE COULEUR CONTENANT DES ENCRES A SUBLIMATION CONVENANT POUR LES DISPOSITIFS D'IMAGERIE ELECTROPHOTOGRAPHIQUE  
[72] THOMPSON, RICHARD J., US  
[73] INTERNATIONAL COMMUNICATION MATERIALS, INC., US  
[85] 2000-10-26  
[86] 1999-04-30 (PCT/US1999/009399)  
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[11] 2,331,233  
[13] C

[51] Int.Cl. 7G12B 5/00 7G08B 19/00  
[25] EN  
[54] MEASUREMENT DEVICE HAVING A CABLE PROBE AND A METHOD FOR SHORTENING THE CABLE PROBE  
[54] DISPOSITIF DE MESURE COMPRENANT UNE SONDE A CABLE ET METHODE POUR RACCOURCIR LE CABLE  
[72] SCHMIDT, ROBERT, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2001-01-17  
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[13] C

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7C12N 15/82  
[25] EN  
[54] AMINO POLYOL AMINE OXIDASE  
POLYNUCLEOTIDES AND RELATED  
POLYPEPTIDES AND METHODS OF  
USE  
[54] POLYNUCLEOTIDES ET  
POLYPEPTIDES ASSOCIES DE  
L'ENZYME  
AMINOPOLYOLAMINEOXYDASE, ET  
PROCEDES D'UTILISATION  
[72] MADDOX, JOYCE R., US  
[72] DUVICK, JONATHAN P., US  
[72] GILLIAM, JACOB T., US  
[72] CRASTA, OSWALD R., US  
[72] FOLKERTS, OTTO, US  
[73] PIONEER HI-BRED  
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[73] CURAGEN CORPORATION, US  
[85] 2001-01-12  
[86] 1999-07-08 (PCT/US1999/015454)  
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[30] US (60/092,936) 1998-07-15  
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[13] C

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[25] EN  
[54] METHOD FOR MAKING  
POLYURETHANE FOAM, AMINE  
POLYESTER POLYOL USED IN SAID  
METHOD AND RESULTING FOAM  
[54] PROCEDE DE FABRICATION DE  
MOUSSE DE POLYURETHANE,  
POLYESTER POLYOL AMINE UTILISE  
DANS CE PROCEDE ET MOUSSE  
OBTENUE  
[72] GHESQUIERE, DENIS, FR  
[72] DUMONT, REMY, FR  
[73] CROMPTON CORPORATION, US  
[85] 2000-11-28  
[86] 1999-05-18 (PCT/FR1999/001176)  
[87] (WO1999/062980)  
[30] FR (98/06806) 1998-05-29

[11] **2,336,305**  
[13] C

[51] Int.Cl. 7G01F 1/34 7F04B 43/00  
7G01F 25/00 7A61M 1/14  
[25] EN  
[54] DETERMINING WHEN FLUID HAS  
STOPPED FLOWING WITHIN AN  
ELEMENT  
[54] PROCEDE PERMETTANT DE  
DETERMINER LE MOMENT AUQUEL  
UN FLUIDE CESSE DE S'ECOULER  
DANS UN ELEMENT  
[72] BRYANT, ROBERT, US  
[72] SPENCER, GEOFFREY, US  
[72] MORELL, JOHN B., US  
[72] GRAY, LARRY B., US  
[73] DEKA PRODUCTS LIMITED  
PARTNERSHIP, US  
[85] 2000-12-29  
[86] 1999-06-25 (PCT/US1999/014513)  
[87] (WO2000/002016)  
[30] US (09/108,528) 1998-07-01

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[11] **2,336,386**  
[13] C

[51] Int.Cl. 7C01C 1/04  
[25] EN  
[54] PROCESS FOR THE  
PREPARATION OF AMMONIA  
[54] PROCEDE DE PREPARATION DE  
L'AMMONIAC  
[72] JACOBSEN, CLAUS J. H., DK  
[72] BOE, MICHAEL, DK  
[73] HALDOR TOPSOE A/S, DK  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/EP1999/004560)  
[87] (WO2000/001616)  
[30] DK (PA 1998 00892) 1998-07-02

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[11] **2,339,032**  
[13] C

[51] Int.Cl. 7B01J 37/02 7B01J 19/00  
7G01N 33/00 7G01N 37/00  
[25] EN  
[54] METHOD AND SYSTEM FOR THE  
IN SITU SYNTHESIS OF A  
COMBINATORIAL LIBRARY OF  
SUPPORTED CATALYST MATERIALS  
[54] METHODE ET SYSTEME DE  
SYNTHESE IN SITU D'UN ENSEMBLE  
COMBINATOIRE DE MATIERES DE  
CATALYSEUR SUPPORTE  
[72] POOJARY, DAMODARA M., US  
[72] LUGMAIR, CLAUS G., US  
[72] HAGEMEYER, ALFRED, US  
[73] SYMYX TECHNOLOGIES, INC., US  
[22] 2001-02-28  
[30] US (09/516,669) 2000-03-01

[11] **2,339,134**  
[13] C

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] SMALL VESSEL EXPANDABLE  
STENT AND METHOD FOR  
PRODUCTION OF SAME  
[54] STENT EXTENSIBLE POUR  
PETITS VAISSEAUX ET PROCEDE DE  
PRODUCTION DUDIT STENT  
[72] DICKSON, TODD, US  
[72] PENN, IAN M., CA  
[72] SHUKOV, GEORGE A., US  
[72] RICCI, DONALD R., CA  
[73] EVYSIO MEDICAL DEVICES ULC,  
CA  
[85] 2001-01-31  
[86] 1999-07-29 (PCT/CA1999/000694)  
[87] (WO2000/007522)  
[30] US (60/094,809) 1998-07-31

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[11] **2,340,219**  
[13] C

[51] Int.Cl. 7B01D 35/30  
[25] EN  
[54] AIR PURIFIER  
[54] EPURATEUR D'AIR  
[72] HUEHN, BARRY, CA  
[72] BOURQUE, STEPHEN, US  
[72] DEROS, YANI, US  
[73] THE HOLMES GROUP, INC., US  
[85] 2001-02-12  
[86] 2000-07-07 (PCT/US2000/018549)  
[87] (WO2001/003799)  
[30] US (60/142,599) 1999-07-07  
[30] US (60/176,413) 2000-01-14

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[11] **2,340,395**  
[13] C

[51] Int.Cl. 6F16K 17/40  
[25] EN  
[54] GAS CARTRIDGE ACTUATED  
ISOLATION VALVE  
[54] VANNE D'ISOLEMENT  
ACTIONNEE PAR UNE CARTOUCHE  
DE GAZ  
[72] GOING, JOHN E., US  
[72] STAGGS, WILLIAM A., US  
[73] FIKE CORPORATION, US  
[85] 2001-02-13  
[86] 1999-08-12 (PCT/US1999/018478)  
[87] (WO2000/009920)  
[30] US (09/133,573) 1998-08-13  
[30] US (09/373,087) 1999-08-12

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[11] 2,341,292  
[13] C

[51] Int.Cl. 7F22B 37/20  
[25] EN  
[54] SCALLOPED LATTICE BAR  
NUCLEAR STEAM GENERATOR TUBE  
SUPPORTS  
[54] SUPPORTS DE TUBE DE  
GENERATEUR NUCLEAIRE DE  
VAPEUR A RESEAU DE BARRES  
DENTEES  
[72] SCHNEIDER, WILLIAM G., CA  
[73] BABCOCK & WILCOX CANADA  
LTD., CA  
[22] 2001-03-16  
[30] US (09/531,625) 2000-03-21

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[11] 2,342,352  
[13] C

[51] Int.Cl. 7B24B 13/00 7B24B 13/005  
7B23Q 3/08  
[25] EN  
[54] METHOD FOR LATHING A LENS  
[54] PROCEDE D'USINAGE DE  
LENTILLES  
[72] SALVATORI, LORENZO J., US  
[72] GOLLER, PHILIP D., US  
[72] MANNING, WAYNE R., US  
[72] COUNCIL, BUFORD W., JR., US  
[73] BAUSCH & LOMB INCORPORATED,  
US  
[85] 2001-02-28  
[86] 1999-09-02 (PCT/US1999/020096)  
[87] (WO2000/013849)  
[30] US (09/146,366) 1998-09-09

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[11] 2,343,105  
[13] C

[51] Int.Cl. 6H01L 33/00 6H01S 3/18  
6H01L 21/363 6H01L 21/365  
[25] EN  
[54] SEMICONDUCTOR LIGHT-  
EMITTING DEVICE AND METHOD  
FOR MANUFACTURING THE SAME  
[54] DEL A SEMI-CONDUCTEUR ET  
SON PROCEDE DE FABRICATION  
[72] NAKAHARA, KEN, JP  
[72] TANABE, TETSUHIRO, JP  
[73] ROHM CO., LTD., JP  
[85] 2001-03-08  
[86] 1999-09-09 (PCT/JP1999/004903)  
[87] (WO2000/016411)  
[30] JP (10/25167) 1998-09-10  
[30] JP (10/274026) 1998-09-28  
[30] JP (10/320909) 1998-11-11  
[30] JP (10/320910) 1998-11-11  
[30] JP (10/324004) 1998-11-13  
[30] JP (10/328269) 1998-11-18  
[30] JP (10/328271) 1998-11-18  
[30] JP (10/328272) 1998-11-18  
[30] JP (10/328273) 1998-11-18  
[30] JP (10/361557) 1998-12-18  
[30] JP (10/361559) 1998-12-18  
[30] JP (10/361561) 1998-12-18  
[30] JP (10/361562) 1998-12-18  
[30] JP (11/5678) 1999-01-12  
[30] JP (11/24168) 1999-02-01  
[30] JP (11/24169) 1999-02-01

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[11] 2,343,538  
[13] C

[51] Int.Cl. 7B01F 5/00  
[25] EN  
[54] STATIC MIXER WITH PROFILED  
LAYERS  
[54] MELANGEUR STATIQUE AVEC  
COUCHES PROFILEES  
[72] KOLLER, WERNER, CH  
[72] FISCHER, THOMAS UWE, DE  
[72] FLEISCHLI, MARKUS, CH  
[72] GRUTTER, THOMAS, CH  
[73] SULZER CHEMTECH AG, CH  
[22] 2001-04-09  
[30] EP (00 810 391.3) 2000-05-08

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[11] 2,348,592  
[13] C

[51] Int.Cl. 7G03G 15/16  
[25] EN  
[54] DEVICE FOR APPLYING DECORS  
AND/OR CHARACTERS ON GLASS,  
GLASS CERAMICS AND CERAMICS  
PRODUCTS  
[54] DISPOSITIF POUR APPOSER UN  
DECOR ET/OU DES SIGNES SUR DES  
PRODUITS EN VERRE, EN  
VITROCERAMIQUE ET EN  
CERAMIQUE  
[72] ZIMMER, MICHAEL, DE  
[72] WEINBERG, WALDEMAR, DE  
[72] AUCHTER-KRUMMEL, PETRA, DE  
[72] JUNG, DIETER, DE  
[73] SCHOTT GLAS, DE  
[73] ZIMMER, MICHAEL, DE  
[85] 2001-04-25  
[86] 1999-10-21 (PCT/EP1999/007989)  
[87] (WO2000/025182)  
[30] DE (198 49 500.5) 1998-10-27  
[30] DE (199 21 321.6) 1999-05-08

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[11] 2,348,601  
[13] C

[51] Int.Cl. 7A61B 5/05  
[25] EN  
[54] HEALTH CONDITION JUDGING/  
DISPLAYING DEVICE  
[54] DISPOSITIF D'APPRECIATION/  
PRESENTATION DE L'ETAT DE  
SANTE  
[72] KAWANISHI, SHOZO, JP  
[73] YAMATO SCALE CO., LTD., JP  
[85] 2001-04-25  
[86] 2000-08-24 (PCT/JP2000/005657)  
[87] (WO2001/015600)  
[30] JP (11/241195) 1999-08-27

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[11] 2,348,865  
[13] C

[51] Int.Cl. 7D02G 3/00 7B32B 3/00  
[25] EN  
[54] FIBER REINFORCED  
CEMENTITIOUS MATERIALS WITH  
IMPROVED TOUGHNESS AND  
DUCTILITY  
[54] MATERIAUX CIMENTAIRES  
RENFORCES PAR DES FIBRES A  
TENACITE ET DUCTILITE  
AMELIOREES  
[72] RIEDER, KLAUS ALEXANDER, US  
[72] BERKE, NEAL S., US  
[73] W.R. GRACE & CO.-CONN., US  
[85] 2001-04-30  
[86] 1999-10-20 (PCT/US1999/024691)  
[87] (WO2000/026452)  
[30] US (09/185,253) 1998-11-03

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[11] **2,349,121**  
 [13] C

[51] Int.Cl. 7A44B 19/24  
 [25] EN  
**ATTACHMENT FOR ZIPPER CORD**  
**FIXATION POUR CORDON DE FERMETURE ECLAIR**  
 [72] PONTAOE, JOHN S., US  
 [73] ILLINOIS TOOL WORKS INC., US  
 [22] 2001-05-30  
 [30] US (09/603,571) 2000-06-23

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[11] **2,349,494**  
 [13] C

[51] Int.Cl. 7G02B 6/43  
 [25] EN  
**MODULE AND METHOD FOR INTERCONNECTING OPTOELECTRONIC CARDS**  
**MODULE ET METHODE D'INTERCONNEXION DE CARTES OTOELECTRONIQUES**  
 [72] KNOX, DAVID ANDREW, CA  
 [72] HARRIS, MARK ROY, CA  
 [73] TROPIC NETWORKS INC., CA  
 [22] 2001-05-30

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[11] **2,349,956**  
 [13] C

[51] Int.Cl. 7G06F 19/00 7B63B 9/00  
 [25] EN  
**SYSTEM FOR ASSESSING METAL DETERIORATION ON MARITIME VESSELS**  
**SYSTEME POUR EVALUER LA DETERIORATION DU METAL SUR LES NAVIRES**  
 [72] BIZAR, RICHARD S., US  
 [73] XYBERNAUT CORPORATION, US  
 [22] 2001-06-11  
 [30] US (09/727,061) 2000-11-30

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[11] **2,350,435**  
 [13] C

[51] Int.Cl. 7H02J 9/06 7H02J 7/00 7G06F 1/30  
 [25] EN  
**EFFICIENT BATTERY TRANSFER CIRCUIT**  
**CIRCUIT DE TRANSFERT A LA BATTERIE EFFICACE**  
 [72] BURTON, SCOTT RICHARD, CA  
 [72] LUCAS, CHRISTOPHER GRAHAM, CA  
 [73] MITEL KNOWLEDGE CORPORATION, CA  
 [22] 2001-06-13  
 [30] GB (0015152.2) 2000-06-22

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[11] **2,353,374**  
 [13] C

[51] Int.Cl. 7B23K 35/22 7B23K 1/00 7B23K 35/36  
 [25] EN  
**SELF CLEANING BRAZE MATERIAL**  
**MATERIAU DE BRASAGE AUTONETTOYANT**  
 [72] KWIATKOWSKI ABRILES, BETH, US  
 [72] RUTZ, DAVID A., US  
 [72] MANIS, BRYAN W., US  
 [73] UNITED TECHNOLOGIES CORPORATION, US  
 [22] 2001-07-23  
 [30] US (09/652,823) 2000-08-31

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[11] **2,353,385**  
 [13] C

[51] Int.Cl. 7H04L 12/26 7G06F 17/60  
 [25] EN  
**SUBSCRIBER IDENTIFICATION SYSTEM**  
**SYSTEME D'IDENTIFICATION D'ABONNE**  
 [72] ELDERING, CHARLES A., US  
 [72] SYLLA, M. LAMINE, US  
 [73] EXPANSE NETWORKS, INC., US  
 [85] 2001-06-01  
 [86] 1999-12-02 (PCT/US1999/028600)  
 [87] (WO2000/033233)  
 [30] US (60/110,770) 1998-12-03

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[11] **2,353,465**  
 [13] C

[51] Int.Cl. 7G02B 13/06  
 [25] EN  
**ULTRA-WIDE FIELD OF VIEW CONCENTRIC SENSOR SYSTEM**  
**SYSTEME DE CAPTEUR CONCENTRIQUE A CHAMP ULTRALARGE**  
 [72] ANDERSON, STEVE J., US  
 [72] CHEN, CHUNGTE W., US  
 [73] RAYTHEON COMPANY, US  
 [85] 2001-06-01  
 [86] 2000-10-05 (PCT/US2000/027471)  
 [87] (WO2001/025831)  
 [30] US (09/413,985) 1999-10-07

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[11] **2,354,586**  
 [13] C

[51] Int.Cl. 7B24D 3/28 7B24D 11/00  
 [25] EN  
**ACYLPHOSPHINE OXIDE PHOTOCURE COATED ABRASIVE**  
**ABRASIFS ENROBES UTILISANT UN PHOTOAMORCEUR D'OXYDE D'ACYLPHOSPHINE**  
 [72] YANG, WENLIANG PATRICK, US  
 [72] WEI, PAUL, US  
 [72] SWEI, GWO SHIN, US  
 [72] GAETA, ANTHONY C., US  
 [73] SAINT-GOBAIN ABRASIVES, INC., US  
 [85] 2001-06-11  
 [86] 1999-12-08 (PCT/US1999/029101)  
 [87] (WO2000/035633)  
 [30] US (09/212,664) 1998-12-16

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[11] **2,354,949**  
 [13] C

[51] Int.Cl. 7H03K 12/00 7H04J 14/00  
 [25] EN  
**PULSE GENERATOR**  
**GENERATEUR D'IMPULSIONS**  
 [72] OTANI, AKIHITO, JP  
 [72] OTSUBO, TOSHINOBU, JP  
 [73] ANRITSU CORPORATION, JP  
 [22] 2001-08-10  
 [30] JP (2000-242866) 2000-08-10

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[11] 2,356,652  
[13] C

[51] Int.Cl. 7F16H 61/00 7F16H 9/00  
[25] EN  
[54] CONTROL APPARATUS FOR AN AUTOMOTIVE CONTINUOUSLY VARIABLE TRANSMISSION  
[54] APPAREIL DE COMMANDE DE TRANSMISSION D'AUTOMOBILE A VARIATION DE RAPPORT CONTINU  
[72] TSUBATA, YOSHIMICHI, JP  
[72] KOTEZAWA, TAMOTSU, JP  
[72] KANDA, TOMOYUKI, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-08-31  
[30] JP (2000-268970) 2000-09-05

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[11] 2,357,536  
[13] C

[51] Int.Cl. 7A61B 17/70 7A61F 2/44  
[25] EN  
[54] APPARATUS AND METHOD OF INSERTING SPINAL IMPLANTS USING A GUARD  
[54] APPAREIL ET METHODE D'INSERTION D'IMPLANTS LOMBAIRES UTILISANT UN DISPOSITIF PROTECTEUR  
[72] MICHELSON, GARY KARLIN, US  
[73] KARLIN TECHNOLOGY, INC., US  
[22] 1994-06-09  
[62] 2,164,859  
[30] US (08/074,781) 1993-06-10

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[11] 2,358,409  
[13] C

[51] Int.Cl. 7G01N 1/28 7G01N 30/00  
7G01N 31/12  
[25] EN  
[54] METHOD OF MEASURING LIQUID COMPOSITION, LIQUID COMPOSITION, INK SET, METHOD FOR FORMING COLORED PORTION ON RECORDING MEDIUM, AND INK-JET RECORDING APPARATUS  
[54] METHODE POUR MESURER UNE COMPOSITION LIQUIDE, COMPOSITION LIQUIDE, ENSEMBLE D'ENCRÈS, METHODE POUR FORMER UNE PORTION COLOREE SUR UN SUPPORT D'ENREGISTREMENT, ET APPAREIL D'ENREGISTREMENT A JET D'ENCRE

[72] ENDO, MAKIKO, JP  
[72] KATO, MASAO, JP  
[72] TOMIOKA, HIROSHI, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 2001-10-05  
[30] JP (307910/2000) 2000-10-06

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[11] 2,358,789  
[13] C

[51] Int.Cl. 7G03G 15/20  
[25] EN  
[54] A METHOD AND AN IMPROVED WICK ROLLER FOR CONTROLLING THE DISTRIBUTION OF FUSER OIL ON A FUSER SURFACE  
[54] METHODE ET ROULEUR DE MECHES AMELIORE POUR CONTROLLER LA DISTRIBUTION D'HUILE DE FIXEUR SUR UNE SURFACE DE FIXEUR  
[72] HOLLAND, RONALD L., US  
[72] PRIEBE, ALAN, US  
[72] CAHILL, DAVID F., US  
[72] BARUCH, SUSAN C., US  
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE  
[22] 2001-10-11  
[30] US (09/686,705) 2000-10-11

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[11] 2,359,521  
[13] C

[51] Int.Cl. 7F16G 1/00  
[25] EN  
[54] BELT FOR CONTINUOUSLY VARIABLE TRANSMISSION  
[54] COURROIE POUR TRANSMISSION A CHANGEMENT DE VITESSES CONTINU  
[72] YOSHIDA, HIDEAKI, JP  
[72] KANOKOGI, KEN, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-10-19  
[30] JP (2000-318738) 2000-10-19

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[11] 2,359,974  
[13] C

[51] Int.Cl. 7H04M 1/725 7H01R 13/00  
[25] EN  
[54] AUXILIARY STRUCTURE FOR CONNECTING CONNECTOR FOR USE IN PORTABLE TELEPHONE  
[54] STRUCTURE AUXILIAIRE DE RACCORDEMENT D'UN CONNECTEUR POUR UTILISATION DANS UN TELEPHONE PORTATIF  
[72] YABU, TADAHICO, JP  
[72] HAYASHI, MASAHICO, JP  
[72] TSUKAKOSHI, YUKIO, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 2001-10-25  
[30] JP (2000-332709) 2000-10-31

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[11] 2,361,215  
[13] C

[51] Int.Cl. 7F16F 15/02  
[25] EN  
[54] METHOD FOR CONTROLLING DRIVE OF AN ACTUATOR OF ACTIVE VIBRATION ISOLATION SUPPORT SYSTEM  
[54] TECHNIQUE DE COMMANDE D'ENTRAINEMENT DE VERIN DE SYSTEME ACTIF DE SUPPORT ISOLANT CONTRE LES VIBRATIONS  
[72] NEMOTO, HIROTOMI, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-11-05  
[30] JP (2000-337788) 2000-11-06

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[11] **2,361,313**  
[13] C

[51] Int.Cl. 7F16M 13/00 7A47J 37/07  
[25] EN  
[54] STAND ASSEMBLY FOR A BARBECUE STOVE  
[54] SUPPORT DE POELE A BARBECUE  
[72] PAI, LUCAS, XX  
[73] PAI, LUCAS, XX  
[22] 2001-11-08

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[11] **2,362,061**  
[13] C

[51] Int.Cl. 7H02J 7/34  
[25] EN  
[54] FUEL CELL POWER SUPPLY UNIT  
[54] BLOC D'ALIMENTATION DE PILE A COMBUSTIBLE  
[72] SAEKI, HIBIKI, JP  
[72] AOYAGI, SATOSHI, JP  
[72] HASEGAWA, YUSUKE, JP  
[72] KOTAKA, KAZUO, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[22] 2001-11-14  
[30] JP (2000-351129) 2000-11-17  
[30] JP (2001-310600) 2001-10-05

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[11] **2,362,542**  
[13] C

[51] Int.Cl. 7G01V 3/30 7E21B 47/00  
7E21B 47/026 7G01V 3/38  
[25] EN  
[54] DIRECTIONAL RESISTIVITY MEASUREMENTS FOR AZIMUTHAL PROXIMITY DETECTION OF BED BOUNDARIES  
[54] MESURES DIRECTIONNELLES DE RESISTIVITE SERVANT A DETECTER LA PROXIMITE AZIMUTALE DES LISIERES DE FORMATIONS  
[72] HAGIWARA, TERUHIKO, US  
[72] SONG, HAOSHI, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2001-08-20  
[86] 2000-02-10 (PCT/US2000/003467)  
[87] (WO2000/050926)  
[30] US (09/255,621) 1999-02-22

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[11] **2,363,444**  
[13] C

[51] Int.Cl. 7G03G 15/05 7G03G 15/16  
[25] EN  
[54] TORQUE ASSIST METHOD AND APPARATUS FOR REDUCING PHOTORECEPTOR BELT SLIPPAGE IN A PRINTING MACHINE  
[54] METHODE D'AIDE AU COUPLE, ET APPAREIL DE REDUCTION DU GLISSEMENT DE LA COURROIE DU SYSTEME PHOTORECEPTEUR DANS UNE MACHINE D'IMPRESSION  
[72] OMELCHENKO, MARK A., US  
[72] CASELLA, JAMES M., US  
[72] WING, JOSEPH M., US  
[72] ADILETTA, MARK A., US  
[72] FURST, MICHAEL R., US  
[72] MARTIN, MICHAEL J., US  
[72] AHL, DAVID K., US  
[72] COSTANZA, DANIEL W., US  
[72] LEO, MICHAEL F., US  
[72] HOU, SSUJAN, US  
[72] LOFTHUS, ROBERT M., US  
[72] BRESSLER, LOUIS J., US  
[72] SIRIANNI, JOHN F., US  
[72] LACAYO, ORLANDO J., US  
[73] XEROX CORPORATION, US  
[22] 2001-11-21  
[30] US (09/725,281) 2000-11-29

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[11] **2,364,774**  
[13] C

[51] Int.Cl. 7F24F 13/20  
[25] EN  
[54] CASE CONNECTION STRUCTURE  
[54] STRUCTURE DE CONNEXION DE CARTER  
[72] INAZAWA, HIDEAKI, JP  
[72] MITOMI, MASAEI, JP  
[72] UENO, YOSHIHISA, JP  
[73] DENSO CORPORATION, JP  
[22] 2001-12-07  
[30] JP (2000-374291) 2000-12-08

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[11] **2,365,775**  
[13] C

[51] Int.Cl. 7D21G 1/00  
[25] EN  
[54] METHOD IN THE CALENDERING OF A PAPER OR OF AN EQUIVALENT WEB MATERIAL AND A CALENDER THAT MAKES USE OF THE MEHTOD  
[54] PROCEDE DE CALANDRAGE DE PAPIER OU D'UN MATERIAU EN BANDE SIMILAIRE ET ALANDREUSE PERMETTANT SA MISE EN OEUVRE  
[72] LIPPONEN, JUHA, FI  
[72] KOIVUKUNNAS, PEKKA, FI  
[73] METSO PAPER, INC., FI  
[22] 1994-11-23  
[62] 2,154,479  
[30] FI (935214) 1993-11-24

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[11] **2,366,985**  
[13] C

[51] Int.Cl. 7G02B 5/26 7G02B 6/00  
7G02B 5/18  
[25] EN  
[54] TEMPERATURE COMPENSATED LONG PERIOD OPTICAL FIBER GRATING FILTER  
[54] FILTRE EN RESEAU A PERIODE LONGUE ET A COMPENSATION DE TEMPERATURE POUR FIBRE OPTIQUE  
[72] JANG, JOO-NYUNG, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-09-06  
[86] 2000-03-13 (PCT/KR2000/000200)  
[87] (WO2000/055658)  
[30] KR (1999/8332) 1999-03-12

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[11] **2,367,446**  
[13] C

[51] Int.Cl. 7H03M 7/30  
[25] EN  
[54] DATA COMPRESSION METHOD AND APPARATUS WITH EMBEDDED RUN-LENGTH ENCODING  
[54] PROCEDE DE COMPRESSION DE DONNEES ET APPAREIL A CODAGE RLC INTEGRE  
[72] COOPER, ALBERT B., US  
[73] UNISYS CORPORATION, US  
[85] 2001-09-10  
[86] 2000-02-29 (PCT/US2000/005127)  
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[30] US (09/264,269) 1999-03-08

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[11] **2,368,035**  
 [13] C

[51] Int.Cl. 7B43M 3/00 7B65G 49/00  
**7B65G 15/58**  
 [25] EN  
**[54] AN APPARATUS AND A METHOD FOR ENVELOPE PROCESSING**  
**[54] APPAREIL ET PROCEDE DE TRAITEMENT D'ENVELOPPES**  
 [72] ORSINGER, WINSTON A., US  
 [72] HAWKES, RICHARD B., US  
 [72] BELEC, ERIC A., US  
 [72] NYFFENEGGER, DAVID P., US  
 [72] NOLL, HARRY C., JR., US  
 [72] LEE, JAMES S., JR., US  
 [72] FALLOS, GEORGE, US  
 [73] BOWE BELL + HOWELL COMPANY, US  
 [22] 1990-04-12  
 [62] 2,014,543  
 [30] US (338,171) 1989-04-14  
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[11] **2,368,589**  
 [13] C

[51] Int.Cl. 7H02P 7/622 7F25B 49/02  
 [25] EN  
**[54] METHOD AND APPARATUS FOR CONTROLLING A COMPRESSOR**  
**[54] PROCEDE ET DISPOSITIF DE COMMANDE DE COMPRESSEUR**  
 [72] RAYBURN, RONALD R., US  
 [72] TRAN, JOHNTHINH N., US  
 [72] MADARA, STEVE M., US  
 [73] YORK INTERNATIONAL CORPORATION, US  
 [85] 2001-09-27  
 [86] 2000-04-05 (PCT/US2000/008945)  
 [87] (WO2000/060731)  
 [30] US (60/129,513) 1999-04-06  
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[11] **2,369,661**  
 [13] C

[51] Int.Cl. 7F01N 3/02 7F01N 3/08  
 [25] EN  
**[54] EXHAUST GAS PURIFICATION METHOD**  
**[54] PROCEDE D'EPURATION DE GAZ D'ECHAPPEMENT**  
 [72] KIMURA, KOICHI, JP  
 [72] TANAKA, TOSHIAKI, JP  
 [72] HIROTA, SHINYA, JP  
 [72] ITOH, KAZUHIRO, JP  
 [72] NAKATANI, KOICHIRO, JP  
 [73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
 [85] 2001-10-12  
 [86] 2001-02-15 (PCT/JP2001/001099)  
 [87] (WO2001/061160)  
 [30] JP (2000-43571) 2000-02-16  
 [30] JP (2000-82959) 2000-03-23

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[11] **2,374,644**  
 [13] C

[51] Int.Cl. 7B67D 5/52  
 [25] EN  
**[54] WINDSHIELD WASHER FLUID DISPENSING SYSTEM**  
**[54] SYSTEME DE DISTRIBUTION DE LIQUIDE LAVE-GLACES**  
 [72] SEVERSON, DALE A., US  
 [72] ELIASON, JEFFREY M., US  
 [72] WILLEKE, ROBERT, US  
 [73] CLEAN SHEILD ENTERPRISES, INC., US  
 [85] 2001-11-19  
 [86] 1999-12-21 (PCT/US1999/030718)  
 [87] (WO2000/071464)  
 [30] US (09/316,828) 1999-05-21

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[11] **2,379,933**  
 [13] C

[51] Int.Cl. 7H04N 5/225  
 [25] EN  
**[54] ELECTRON BOMBARDED ACTIVE PIXEL SENSOR CAMERA INCORPORATING GAIN CONTROL**  
**[54] CAMERA A CAPTEUR DE PIXELS ACTIF A BOMBARDEMENT D'ELECTRONS COMPORTANT UNE COMMANDE DE GAIN**  
 [72] COSTELLO, KENNETH A., US  
 [73] INTEVAC, INC., US  
 [85] 2002-01-16  
 [86] 2000-07-14 (PCT/US2000/019475)  
 [87] (WO2001/006761)  
 [30] US (09/356,799) 1999-07-20

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[11] **2,380,125**  
 [13] C

[51] Int.Cl. 7A61B 5/053 7A61B 5/107  
 [25] EN  
**[54] VISCERAL FAT DETERMINING DEVICE**  
**[54] DISPOSITIF DE MESURE DE GRAISSE VISCIERALE**  
 [72] OKITA, KOICHI, JP  
 [72] KAWANISHI, SHOZO, JP  
 [73] YAMATO SCALE CO., LTD., JP  
 [85] 2002-01-22  
 [86] 2001-05-28 (PCT/JP2001/004440)  
 [87] (WO2001/091638)  
 [30] JP (2000-162338) 2000-05-31

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[11] **2,388,654**  
 [13] C

[51] Int.Cl. 7H02P 5/28 7H02P 7/36  
 [25] EN  
**[54] ENERGY CONSERVING MOTOR CONTROLLER**  
**[54] UNITE DE COMMANDE DE MOTEUR A CONSERVATION D'ENERGIE**  
 [72] HANKINS, KENNETH, M., US  
 [72] GARZA, FILIBERTO, D., US  
 [73] POWER CONSERVATION, LTD., US  
 [85] 2002-04-19  
 [86] 2000-10-24 (PCT/US2000/041494)  
 [87] (WO2001/047098)  
 [30] US (09/426,508) 1999-10-26

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[11] **2,389,160**  
 [13] C

[51] Int.Cl. 7H04L 7/033 7H04L 25/02  
**7H03L 7/087 7H03L 7/113 7H03L 7/14**  
 [25] EN  
**[54] CLOCK PULSE AND DATA REGENERATOR FOR DIFFERENT DATA RATES**  
**[54] REGENERATEUR DE RYTHME ET DE DONNEES POUR DIFFERENTS DEBITS DE DONNEES**  
 [72] SOMMER, JORG, DE  
 [72] STILLING, BERND, DE  
 [73] SIEMENS AKTIENGESELLSCHAFT, DE  
 [85] 2002-04-26  
 [86] 2000-10-24 (PCT/DE2000/003749)  
 [87] (WO2001/033764)  
 [30] DE (199 52 197.2) 1999-10-29

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[11] **2,391,373**  
[13] C

[51] Int.Cl. 7G01M 11/02

[25] EN

[54] INSPECTION SYSTEM FOR  
OPTICAL COMPONENTS

[54] SYSTEME D'INSPECTION DE  
COMPOSANTS OPTIQUES

[72] EPSTEIN, SHELDON L., US

[72] GORE, RICHARD G., US

[73] NOVARTIS AG, CH

[22] 1994-07-28

[62] 2,167,675

[30] US (08/099,966) 1993-07-29

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[11] **2,404,792**  
[13] C

[51] Int.Cl. 7H01R 13/58 7H01R 13/40

[25] EN

[54] HIGH DENSITY CONNECTOR  
AND METHOD OF MANUFACTURE  
[54] CONNECTEUR A HAUTE DENSITE  
ET SON PROCEDE DE FABRICATION

[72] HOUTZ, TIMOTHY W., US

[72] LEMKE, TIMOTHY A., US

[73] BERG TECHNOLOGY, INC., US

[22] 1997-10-10

[62] 2,267,293

[30] US (08/728,194) 1996-10-10

[30] US (08/777,579) 1996-12-31

[30] US (08/777,806) 1996-12-31

[30] US (08/778,380) 1996-12-31

[30] US (08/778,398) 1996-12-31

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[11] **2,406,400**  
[13] C

[51] Int.Cl. 7G21F 9/00 7G21G 4/08

[25] EN

[54] A METHOD FOR ISOLATING AND  
PURIFYING 90Y FROM 90STRONTIUM  
IN MULTI-CURIE QUANTITIES  
[54] PROCEDE D'ISOLATION ET DE  
PURIFICATION DE 90Y PROVENANT  
DE 90 STRONTIUM EN QUANTITES  
MULTI-CURIES

[72] HORWITZ, E. PHILIP, US

[72] HINES, JOHN J., US

[73] PG RESEARCH FOUNDATION, INC.,  
US

[85] 2002-10-11

[86] 2001-04-13 (PCT/US2001/012116)

[87] (WO2001/080251)

[30] US (09/549,871) 2000-04-14

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[11] **2,406,881**  
[13] C

[51] Int.Cl. 7A61F 5/445 7A61F 5/442

[25] EN

[54] CONTINENT OSTOMY PORT

[54] PORT DE STOMIE POUR

CONTINENT

[72] VON DYCK, PETER M., US

[72] SCHNEIDER, JAMES G., US

[72] MINASI, JOHN S., US

[73] ZASSI MEDICAL EVOLUTIONS,  
INC., US

[85] 2002-06-28

[86] 2000-03-08 (PCT/US2000/006011)

[87] (WO2001/049224)

[30] US (09/477,204) 2000-01-04

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[11] **2,441,775**  
[13] C

[51] Int.Cl. 7F17C 3/08 7B65D 81/38

[25] EN

[54] CONTAINER FOR HOLDING A

CRYOGENIC FLUID

[54] CONTENANT POUR FLUIDE

CRYOGENIQUE

[72] HARPER, GREGORY C., CA

[73] WESTPORT RESEARCH INC., CA

[22] 2003-09-23

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[11] **2,449,653**  
[13] C

[51] Int.Cl. 7H01M 4/24 7H01M 10/30

7H01M 4/32

[25] EN

[54] SEALED ALKALINE STORAGE  
BATTERY

[54] ACCUMULATEUR ALCALIN

ETANCHE

[72] KIMOTO, MAMORU, JP

[72] SUZUKI, SYUICHI, JP

[72] YANO, MUTSUMI, JP

[72] FUJITANI, SHIN, JP

[72] NISHIO, KOJI, JP

[72] TOKUDA, MITSUNORI, JP

[72] NOGAMI, MITSUZOU, JP

[73] SANYO ELECTRIC CO., LTD., JP

[22] 1998-01-12

[62] 2,277,227

[30] JP (9/33126) 1997-01-30

[30] JP (9/24778) 1997-08-27

[30] JP (9/278118) 1997-09-24

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[11] **2,449,741**  
[13] C

[51] Int.Cl. 7H04M 1/60 7H04M 9/00

[25] EN

[54] METHOD AND APPARATUS FOR  
CONNECTING A TELEVISION  
INTERPHONE MONITOR SYSTEM TO  
A CONCIERGE STATION OVER THE  
INTERNET

[54] PROCEDE ET APPAREIL DE

CONNEXION D'UN SYSTEME ECRAN  
DE CONTROLE D'UN INTERPHONE A  
UNE STATION CONCIERGE PAR  
L'INTERMEDIAIRE D'INTERNET

[72] ELBERBAUM, DAVID, JP

[73] ELBEX AMERICA (N.Y.) INC., US

[73] ELBEX VIDEO LTD., JP

[85] 2003-12-04

[86] 2002-07-12 (PCT/US2002/022187)

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[30] US (09/912,002) 2001-07-24

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[11] **2,454,484**  
[13] C

[51] Int.Cl. 7B65F 3/06

[25] EN

[54] LIFTING AND TIPPING  
MECHANISM FOR FRONT LOADING  
REFUSE TRUCK

[54] MECANISME DE LEVAGE ET DE  
BASCULEMENT POUR CAMION A  
ORDURES A CHARGEMENT

FRONTAL

[72] BARTLETT, WILLIAM P., US

[73] MCNEILUS TRUCK AND  
MANUFACTURING, INC., US

[22] 1999-02-10

[62] 2,321,756

[30] US (09/027,889) 1998-02-23

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[21] 2,420,345  
[13] A1

[51] Int.Cl. 7E04H 15/44  
[25] FR  
[54] ABRI TELESCOPIQUE  
[54] TELESCOPE SHELTER  
[72] BOUCHARD, GEORGES, CA  
[71] BOUCHARD, GEORGES, CA  
[22] 2003-03-07  
[41] 2004-09-07

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[21] 2,420,812  
[13] A1

[51] Int.Cl. 7H04L 12/54  
[25] EN  
[54] METHOD AND APPARATUS FOR IDENTIFICATION AND CLASSIFICATION OF CORRESPONDENTS SENDING ELECTRONIC MESSAGES  
[54] METHODE ET APPAREIL D'IDENTIFICATION ET DE CLASSIFICATION DE CORRESPONDANTS ENVOYANT DES MESSAGES ELECTRONIQUES  
[72] BEVERIDGE, JOHN, CA  
[71] PAGEMAIL INC., CA  
[22] 2003-03-05  
[41] 2004-09-05

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[21] 2,420,920  
[13] A1

[51] Int.Cl. 7C02F 3/02  
[25] EN  
[54] AEROBIC DIGESTER FOR BODILY WASTE MATERIAL  
[54] DISPOSITIF DE PRESENTATION DES MEDICAMENTS PRIS PAR UNE PERSONNE  
[72] LESKOW, AL, CA  
[71] LESKOW, AL, CA  
[22] 2003-03-05  
[41] 2004-09-05

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[21] 2,420,923  
[13] A1

[51] Int.Cl. 7G08B 13/00  
[25] EN  
[54] SECURITY SYSTEM USER INTERFACE  
[54] INTERFACE UTILISATEUR DE SYSTEME DE SECURITE  
[72] LAUZON, STEPHANE, CA  
[72] HERSHKOVITZ, SHMUEL, BS  
[72] OUELLET, CHRISTIAN, CA  
[71] LAUZON, STEPHANE, CA  
[71] HERSHKOVITZ, SHMUEL, BS  
[71] OUELLET, CHRISTIAN, CA  
[22] 2003-03-05  
[41] 2004-09-05

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[21] 2,420,982  
[13] A1

[51] Int.Cl. 7B66F 5/00  
[25] EN  
[54] LIFT MECHANISM  
[54] MECANISME DE LEVAGE  
[72] ELLIOTT, WILFRED J., CA  
[71] ELLIOTT, WILFRED J., CA  
[22] 2003-03-06  
[41] 2004-09-06

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[21] 2,420,997  
[13] A1

[51] Int.Cl. 7F21V 33/00 7G01K 1/00  
7G10K 5/00 7F21L 4/00  
[25] EN  
[54] THREE-IN-ONE HANDHELD LIGHTING DEVICE  
[54] DISPOSITIF D'ECLAIRAGE PORTATIF TROIS EN UN  
[72] CHANG, GIN-SUNG, XX  
[71] CHANG, GIN-SUNG, XX  
[22] 2003-03-06  
[41] 2004-09-06

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[21] 2,420,998  
[13] A1

[51] Int.Cl. 7F03B 13/18  
[25] EN  
[54] TIDAL POWER GENERATION  
[54] PRODUCTION D'ENERGIE MAREMOTRICE  
[72] JONES, PETER A., CA  
[71] JONES, PETER A., CA  
[22] 2003-03-06  
[41] 2004-09-06

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[21] 2,421,002  
[13] A1

[51] Int.Cl. 7B01D 61/00 7B01D 63/02  
7C08F 2/04  
[25] EN  
[54] MEMBRANE SEPARATION IN A POLYMERIZATION PROCESS  
[54] SEPARATION SUR MEMBRANE LORS D'UN PROCEDE DE POLYMERISATION  
[72] HERRERA, PATRICIO S., CA  
[72] MAH, SAMUEL CHIN FU, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 2003-03-06  
[41] 2004-09-06

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[21] 2,421,025  
[13] A1

[51] Int.Cl. 7G01B 3/56 7G01B 5/24  
[25] EN  
[54] PIPEFITTER'S PROTRACTOR  
[54] RAPPORTEUR DE TUYAUTEUR  
[72] HAUZIE, EUGENE JR., US  
[71] HAUZIE, EUGENE JR., US  
[22] 2003-03-05  
[41] 2004-09-05

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[21] **2,421,127**  
 [13] A1

[51] Int.Cl. 7A63B 53/04  
 [25] EN  
**GOLF PUTTER WITH INTERCHANGEABLE HEAD**  
**BATON DE PRATIQUE DE COUPS ROULES DE GOLF AVEC TETE INTERCHANGEABLE**  
 [54] BATON DE PRATIQUE DE COUPS  
 ROULES DE GOLF AVEC TETE  
 INTERCHANGEABLE  
 [72] URE, ROBERT, CA  
 [71] URE, ROBERT, CA  
 [22] 2003-03-05  
 [41] 2004-09-05

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[21] **2,421,130**  
 [13] A1

[51] Int.Cl. 7B08B 1/00 7B65G 45/10  
 [25] EN  
**BELT CLEANING DEVICE**  
**COURROIE DE DEBLAITEMENT**  
 [72] TURNER, JOHN N., CA  
 [72] TURNER, HENRY B., CA  
 [71] TURNER, JOHN N., CA  
 [71] CARMICHAEL, BEVERLY J., CA  
 [71] TURNER, HENRY B., CA  
 [22] 2003-03-05  
 [41] 2004-09-05

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[21] **2,421,132**  
 [13] A1

[51] Int.Cl. 7B01D 35/30  
 [25] EN  
**FILTER**  
**FILTRE**  
 [72] POISSANT, DANIEL, CA  
 [71] PAD PERIPHERAL ADVANCED DESIGN INC., CA  
 [22] 2003-03-05  
 [41] 2004-09-05

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[21] **2,421,143**  
 [13] A1

[51] Int.Cl. 7F16K 31/46  
 [25] EN  
**CHAIN PULLER**  
**CHAINE DE TRACTION**  
 [72] GAMBLE, RAY, CA  
 [72] OHRT, HERMAN, CA  
 [71] DOFASCO INC., CA  
 [22] 2003-03-05  
 [41] 2004-09-05

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[21] **2,421,149**  
 [13] A1

[51] Int.Cl. 7F16F 1/38  
 [25] EN  
**VIBRATION DAMPER**  
**AMORTISSEUR DE VIBRATIONS**  
 [72] MARTEL, CLAUDE A., CA  
 [71] MARTEL, CLAUDE A., CA  
 [22] 2003-03-06  
 [41] 2004-09-06

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[21] **2,421,244**  
 [13] A1

[51] Int.Cl. 7A47F 1/00  
 [25] EN  
**ADJUSTABLE DISPLAY RACK FOR SHELVES**  
**PRESENTOIR REGLABLE POUR RAYONNAGES**  
 [72] PLOURDE, DAVE, CA  
 [72] GELINAS, MAXIM, CA  
 [72] ARCHAMBAULT, MARC ANTOINE, CA  
 [71] PLOURDE, DAVE, CA  
 [71] GELINAS, MAXIM, CA  
 [71] ARCHAMBAULT, MARC ANTOINE, CA  
 [22] 2003-03-06  
 [41] 2004-09-06

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[21] **2,421,256**  
 [13] A1

[51] Int.Cl. 7C08F 220/06 7G02C 7/00 7G02B 1/04 7C08F 214/18  
 [25] EN  
**FLUOROSULFONE-SILICONE HYDROGEL AND RGP CONTACT LENSES, OPTICAL MEDICAL DEVICES AND COMPOSITIONS THEREOF**  
 [54] HYDROGEL A BASE DE FLUOROSULFONE-SILICONE ET VERRES DE CONTACT RGP, APPAREILS OPTIQUES MEDICAUX ET COMPOSITIONS A BASE DE CELUI-CI  
 [72] NOVICKY, NICK N., CA  
 [71] NOVICKY, NICK N., CA  
 [22] 2003-03-05  
 [41] 2004-09-05

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[21] **2,421,259**  
 [13] A1

[51] Int.Cl. 7G02C 9/04 7G02C 1/02  
 [25] EN  
**NEW RIMLESS SUNGLASS CLIP**  
**NOUVELLE AGRAFE DE LUNETTES DE SOLEIL SANS ARMATURE**  
 [72] CHAI, WEIZHEN, CA  
 [71] CHAI, WEIZHEN, CA  
 [22] 2003-03-06  
 [41] 2004-09-06

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[21] **2,421,260**  
 [13] A1

[51] Int.Cl. 7G02C 9/04  
 [25] EN  
**IMPROVED NEW NON-MAGNETIC CLIP/FRAME**  
**NOUVELLE AGRAFE/MONTURE NON MAGNETIQUE AMELIOREE**  
 [72] CHAI, WEIZHEN, CA  
 [71] CHAI, WEIZHEN, CA  
 [22] 2003-03-06  
 [41] 2004-09-06

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[21] **2,421,296**  
 [13] A1

[51] Int.Cl. 7A47K 13/14 7A47K 13/28  
 [25] EN  
**COVERING FOR A TOILET SEAT LID**  
**HOUSSA POUR ABATTANT DE SIEGE DE TOILETTES**  
 [72] CRERAR, ANTONIETA, CA  
 [71] CRERAR, ANTONIETA, CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,301**  
 [13] A1

[51] Int.Cl. 7B65D 45/32 7B65D 39/12  
 [25] EN  
**CONTAINER STOPPER**  
**OBTURATEUR DE CONTENANT**  
 [72] LIN, MON-SHENG, XX  
 [71] LIN, MON-SHENG, XX  
 [22] 2003-03-07  
 [41] 2004-09-07

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**5 septembre 2004 au 11 septembre 2004**

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[21] **2,421,316**  
 [13] A1  
 [51] Int.Cl. 7A61K 31/164 7A61P 35/00  
**7A61K 9/127**  
 [25] EN  
 [54] ENHANCED DELIVERY OF SPHINGOLIPIDS  
 [54] MEILLEURE ADMINISTRATION DE SPHINGOLIPIDES  
 [72] BALLY, MARCEL, CA  
 [72] MAYER, LAWRENCE, CA  
 [72] SHABBITS, JENNIFER, CA  
 [71] CELATOR TECHNOLOGIES INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,321**  
 [13] A1  
 [51] Int.Cl. 7C07K 14/75 7C07K 1/00  
**7A61P 19/02 7C07K 7/06 7A61K 38/17**  
**7G01N 33/564**  
 [25] EN  
 [54] PEPTIDES ASSOCIATED WITH HLA-DR MHC CLASS II MOLECULE AND INVOLVED IN RHEUMATOID ARTHRITIS  
 [54] PEPTIDES ASSOCIES A LA MOLECULE HLA-DR DE CMH DE CLASSE II ET INTERVENANT DANS L'ARTHRITE RHUMATOIDE  
 [72] HILL, JONATHAN, CA  
 [72] CAIRNS, EWA, CA  
 [72] BELL, DAVID, CA  
 [71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,330**  
 [13] A1  
 [51] Int.Cl. 7A45F 3/14  
 [25] EN  
 [54] NECK STRAP OF PORTABLE APPARATUS  
 [54] COURROIE DE COU D'APPAREIL PORTATIF  
 [72] YANG, BILL, XX  
 [71] COTRON CORPORATION, XX  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,334**  
 [13] A1  
 [51] Int.Cl. 7F24F 13/02 7F16L 11/00  
 [25] EN  
 [54] FLEXIBLE DUCT SYSTEM  
 [54] CONDUITS DE VENTILATION SOUPLES  
 [72] CAUFIELD, JOHN D., CA  
 [71] SCHAUENBURG INDUSTRIES LTD., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,341**  
 [13] A1  
 [51] Int.Cl. 7H04B 7/15 7H04Q 7/36  
 [25] EN  
 [54] DISTRIBUTED ADAPTIVE REPEATER SYSTEM  
 [54] SYSTEME REPETEUR ADAPTATIF REPARTI  
 [72] ZHANG, JIE, CA  
 [72] YOUNG, SHANE, CA  
 [72] SIMPSON, PAUL, CA  
 [72] KELLETT, COLIN, CA  
 [72] ROPER, MIKE, CA  
 [72] ALLEN, STEVE, CA  
 [71] SPOTWAVE WIRELESS INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,342**  
 [13] A1  
 [51] Int.Cl. 7H04N 7/173  
 [25] EN  
 [54] ENHANCEMENT FOR INTERACTIVE TV FORMATTING APPARATUS  
 [54] AMELIORATION D'UN APPAREIL DE FORMATAGE TELEVISUEL INTERACTIF  
 [72] VAN NOETSELE, ROBERT, NL  
 [71] CHELLO BROADBAND NV, NL  
 [22] 2003-03-07  
 [41] 2004-09-07  
 [30] GB (2025401.3) 2003-03-07

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[21] **2,421,348**  
 [13] A1  
 [51] Int.Cl. 7E21B 23/00 7E21B 43/16  
 [25] EN  
 [54] APPARATUS FOR CONTROLLING A TOOL HAVING A MANDREL THAT MUST BE STROKED INTO OR OUT OF A WELL  
 [54] COMMANDE D'OUTIL AVEC MANDRIN A FRAPPER A L'INTERIEUR OU A L'EXTERIEUR D'UN PUITS  
 [72] DALLAS, L. MURRAY, US  
 [71] DALLAS, L. MURRAY, US  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,349**  
 [13] A1  
 [51] Int.Cl. 7E03D 1/30  
 [25] EN  
 [54] IMPROVED TOILET FLAPPER  
 [54] ABATTANT AMELIORE DE SIEGE DE TOILETTES  
 [72] SIRIZZOTTI, MAURO, CA  
 [71] SIRIZZOTTI, MAURO, CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,373**  
 [13] A1  
 [51] Int.Cl. 7A01N 63/00  
 [25] EN  
 [54] CHICKWEED BIOHERBICIDES  
 [54] BIOHERBICIDES DE LA CERAISTE VULGAIRE  
 [72] ZHANG, WENMING, CA  
 [72] SULZ, MICHELLE, CA  
 [71] ALBERTA RESEARCH COUNCIL INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,376**  
 [13] A1  
 [51] Int.Cl. 7E21B 19/22  
 [25] EN  
 [54] HYBRID COILED TUBING/FLUID PUMPING UNIT  
 [54] UNITE HYBRIDE DE TUBES SPIRALES DE PRODUCTION/DE POMPAGE DES FLUIDES  
 [72] FOSTER, ROBERT JOSEPH, CA  
 [72] COSTALL, DOUGLAS, CA  
 [71] LEADER ENERGY SERVICES CORP., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,384**  
 [13] A1

[51] Int.Cl. 7F24H 1/34 7F02G 5/02  
 [25] EN  
 [54] METHOD AND APPARATUS FOR HEATING A LIQUID STORAGE TANK  
 [54] METHODE ET DISPOSITIF DE RECHAUFFAGE D'UNE CUVE DE STOCKAGE DE LIQUIDE  
 [72] ST. DENIS, PERRY LUCIEN, CA  
 [71] ICI SOLUTIONS INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,387**  
 [13] A1

[51] Int.Cl. 7B62D 55/24  
 [25] EN  
 [54] PROTECTIVE BELTING INSIDE ENDLESS BELT TRACKS  
 [54] COURROIES PROTECTRICES A L'INTERIEUR DE CHENILLES  
 [72] LUSSIER, ALAIN, CA  
 [72] GAGNE, LUCIE, CA  
 [71] CAMOPLAST INC., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,389**  
 [13] A1

[51] Int.Cl. 7A01G 9/02 7A01G 9/20  
 [25] EN  
 [54] ROTARY PLANT GROWING APPARATUS  
 [54] APPAREIL ROTATIF DE CULTURE DE PLANTES  
 [72] DUMONT, GILLES, CA  
 [71] DUMONT, GILLES, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,419**  
 [13] A1

[51] Int.Cl. 7B60D 1/00  
 [25] EN  
 [54] SLIDE ASSEMBLY  
 [54] COULISSE  
 [72] STUNDER, BLAIR A., CA  
 [72] STUNDER, NICHOLAS, CA  
 [71] STUNDER, BLAIR A., CA  
 [71] STUNDER, NICHOLAS, CA  
 [71] ARCTIC MANUFACTURING LTD., CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,421,440**  
 [13] A1

[51] Int.Cl. 7H01B 7/295  
 [25] EN  
 [54] FLAME RETARDANT DUAL INSULATION DESIGN AND CABLE CONSTRUCTION FOR PLENUM APPLICATIONS  
 [54] MODELE D'ISOLATION DOUBLE IGNIFUGE ET CONSTRUCTION DE CABLE POUR APPLICATIONS DANS DES VIDÉS TECHNIQUES  
 [72] VEXLER, GAVRIEL, CA  
 [72] CORNIBERT, JACQUES, CA  
 [71] NORDX/CDT INC., CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,446**  
 [13] A1

[51] Int.Cl. 7B60P 1/02  
 [25] EN  
 [54] TRAILER WITH HOIST FOR CONTAINER AND THE LIKE  
 [54] REMORQUE AVEC PALAN POUR CONTENEUR ET ARTICLES SEMBLABLES  
 [72] TUVIM, DORY, CA  
 [71] TUVIM, DORY, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,449**  
 [13] A1

[51] Int.Cl. 7A47G 33/08 7A41G 1/04  
 [25] EN  
 [54] TREE DECORATION AND GARLAND  
 [54] DECORATION FORMANT GUIRLANDE D'ARBRE  
 [72] COUZENS, WAYNE, CA  
 [72] COUZENS, SANDY, CA  
 [71] COUZENS, WAYNE, CA  
 [71] COUZENS, SANDY, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,457**  
 [13] A1

[51] Int.Cl. 7E05C 19/00 7E05B 17/20  
 [25] EN  
 [54] SECURITY DEVICE  
 [54] DISPOSITIF DE SURETE  
 [72] AUDET, PAUL, CA  
 [71] AUDET, PAUL, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,459**  
 [13] A1

[51] Int.Cl. 7B23Q 11/12  
 [25] EN  
 [54] ROTOR FOR SPRAYING COOLANT ONTO A CUTTER  
 [54] ROTOR POUR PULVERISER UN LIQUIDE DE REFROIDISSEMENT SUR UN DISPOSITIF DE COUPE  
 [72] SMITH, DARRIN EUGENE, CA  
 [71] SMITH, DARRIN EUGENE, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,473**  
 [13] A1

[51] Int.Cl. 7B01F 3/08 7B01F 17/00  
 [25] EN  
 [54] A CONTINUOUS PROCESS FOR MAKING AN AQUEOUS HYDROCARBON FUEL EMULSION  
 [54] UN PROCEDE CONTINU DE PRODUCTION D'UNE EMULSION AQUEUSE CE COMBUSTIBLE HYDROCARBONE  
 [72] MULLAY, JOHN J., US  
 [72] ROWAN, STEPHEN P., US  
 [72] WESTFALL, DAVID L., US  
 [71] THE LUBRIZOL CORPORATION, US  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,539**  
 [13] A1

[51] Int.Cl. 7B29C 45/58  
 [25] EN  
 [54] SINGLE-MOTOR INJECTION-AND-SCREW DRIVE HYBRID ACTUATOR  
 [54] ACTIONNEUR HYBRIDE A SIMPLE MOTEUR A COMMANDE PAR INJECTION ET VIS  
 [72] GEIGER, DAVID, US  
 [71] MOOG INC., US  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,543**  
[13] A1

[51] Int.Cl. 7A62C 3/00 7F23J 13/00  
[25] EN  
[54] INTERNAL FIRE PREVENTION SYSTEM FOR CHIMNEYS  
[54] SYSTEME DE PREVENTION DES INCENDIES INTERNE POUR CHEMINEES  
[72] MCKINNEY, TIMOTHY TODD, CA  
[71] MCKINNEY, TIMOTHY TODD, CA  
[22] 2003-03-05  
[41] 2004-09-05

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[21] **2,421,549**  
[13] A1

[51] Int.Cl. 7A01K 91/08  
[25] EN  
[54] CONTROL LEADER FOR DOWNRIGGER  
[54] BAS DE LIGNE DE CONTROLE POUR DOWNRIGGER  
[72] DAVIDSON, KEITH JAMES, CA  
[71] DAVIDSON, KEITH JAMES, CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,421,550**  
[13] A1

[51] Int.Cl. 7C07C 231/14 7C07C 231/02  
7C07C 237/08  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF MIDODRINE, PHARMACEUTICALLY-ACCEPTABLE SALTS THEREOF AND INTERMEDIATES  
[54] PROCEDE DE PREPARATION DE MIDODRINE, SELS PHARMACEUTIQUEMENT ACCEPTABLES A BASE DE MIDODRINE ET INTERMEDIAIRES  
[72] BEJAN, ELENA, CA  
[72] WEERATUNGA, GAMINI, CA  
[71] BRANTFORD CHEMICALS INC., CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,421,578**  
[13] A1

[51] Int.Cl. 7H04B 7/005 7H01Q 3/00  
7H04Q 7/36 7H04B 1/38  
[25] EN  
[54] SYSTEM AND METHOD FOR SELECTING AND RESELECTING ANTENNA DIRECTION AT A TRANSCEIVER  
[54] SYSTEME ET METHODE POUR SELECTIONNER ET RESELECTIONNER L'ORIENTATION D'UNE ANTENNE AU NIVEAU D'UN EMETTEUR-RECEPTEUR  
[72] MANTHA, RAMESH, CA  
[72] GAMSA, BEN, CA  
[72] GERKIS, ANTHONY, CA  
[71] MANTHA, RAMESH, CA  
[71] GAMSA, BEN, CA  
[71] GERKIS, ANTHONY, CA  
[22] 2003-03-10  
[41] 2004-09-10

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[21] **2,421,590**  
[13] A1

[51] Int.Cl. 7H05K 7/00 7H05K 5/00  
7B65D 81/03  
[25] EN  
[54] REMOTE CONTROL PROTECTOR  
[54] PROTEGE-TELECOMMANDE  
[72] LEBEL, LYNNE K., CA  
[71] LEBEL, LYNNE K., CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,421,602**  
[13] A1

[51] Int.Cl. 7H04L 29/08 7H04L 12/24  
[25] EN  
[54] A METHOD AND SYSTEM FOR AVOIDING TRACKING COMMUNICATION CONNECTION STATE UNTIL ACCEPTED  
[54] METHODE ET SYSTEME POUR EVITER DE SUIVRE L'ETAT DE CONNEXION DE LA COMMUNICATION JUSQU'A L'ACCEPTATION  
[72] BOWMAN, DON, CA  
[71] SANDVINE INCORPORATED, CA  
[22] 2003-03-11  
[41] 2004-09-10  
[30] US (10/383,619) 2003-03-10

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[21] **2,421,606**  
[13] A1

[51] Int.Cl. 7H02K 1/06  
[25] EN  
[54] INSULATED CORE STUD FOR ROTOR AND STATOR LAMINATIONS  
[54] TIGE D'AME ISOLEE POUR TOLES DU ROTOR ET DU STATOR  
[72] WHITE, MICHAEL WALTER, CA  
[72] MERKHOUF, AREZKI, CA  
[72] DOYON, PIERRE, CA  
[72] MENZIES, JOHN, CA  
[71] GENERAL ELECTRIC CANADA INC., CA  
[22] 2003-03-06  
[41] 2004-09-06

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[21] **2,421,613**  
[13] A1

[51] Int.Cl. 7B24C 1/00  
[25] EN  
[54] METHOD FOR BLAST CLEANING USING ILMENITE TAILING PARTICLES  
[54] METHODE DE DECAPAGE AU JET AU MOYEN DE PARTICULES DE RESIDUS D'ILMENITE  
[72] BELLEMARE, SERGE, CA  
[71] SABLE DES FORGES INC., CA  
[22] 2003-03-06  
[41] 2004-09-06

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[21] **2,421,632**  
[13] A1

[51] Int.Cl. 7B65D 21/024 7A47F 5/00  
[25] EN  
[54] NESTING CASES FOR DISPLAYING CARD-BACKED MERCHANDISE  
[54] CAISSES SUPERPOSABLES POUR LA PRESENTATION DE MARCHANDISES DEVANT DES PAN CARTES  
[72] MENCELES, ANDREW Z., CA  
[71] COSMODA CONCEPT CORPORATION, CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,421,656**  
 [13] A1  
 [51] Int.Cl. 7G06F 13/38 7G06F 15/177  
 7G06F 17/28 7H04Q 7/36  
 [25] EN  
**[54] LOCALIZATION OF RESOURCES USED BY APPLICATIONS IN HAND-HELD ELECTRONIC DEVICES AND METHODS THEREOF**  
**[54] LOCALISATION DE RESSOURCES UTILISEES PAR DES APPLICATIONS SUR DES DISPOSITIFS ELECTRONIQUES PORTATIFS ET METHODES CONNEXES**  
 [72] BELLS, MATTHEW, CA  
 [72] MACKAY, JON, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2003-03-11  
 [41] 2004-09-11

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[21] **2,421,664**  
 [13] A1  
 [51] Int.Cl. 7F23N 5/24 7F23D 14/72  
 [25] EN  
**[54] IMPROVED FLAME SENSOR AND METHOD OF USING SAME**  
**[54] CAPTEUR DE FLAMMES AMELIORE ET METHODE D'UTILISATION**  
 [72] KIAROSTAMI, NADER, CA  
 [71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA  
 [22] 2003-03-11  
 [41] 2004-09-11

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[21] **2,421,669**  
 [13] A1  
 [51] Int.Cl. 7E04F 11/025  
 [25] EN  
**[54] ADJUSTABLE STAIR STRINGER AND RAILING**  
**[54] LIMON D'ESCALIER REGLABLE ET RAMPE**  
 [72] TRUCKNER, PAUL, US  
 [72] TRUCKNER, RICHARD, US  
 [71] EZ STAIRS, INC., US  
 [22] 2003-03-11  
 [41] 2004-09-11

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[21] **2,421,906**  
 [13] A1  
 [51] Int.Cl. 7E06B 1/70  
 [25] EN  
**[54] VEHICLE GARAGE DOOR THRESHOLD**  
**[54] SEUIL DE PORTE DE GARAGE DE VEHICULE**  
 [72] MACK, JAMES E., CA  
 [71] MACK, JAMES E., CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,909**  
 [13] A1  
 [51] Int.Cl. 7G01R 31/02 7G01R 31/08  
 [25] EN  
**[54] EPITESTER**  
**[54] TESTEUR D'EPILATEUR**  
 [72] KAZARIAN, ARAM, CA  
 [71] KAZARIAN, ARAM, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,937**  
 [13] A1  
 [51] Int.Cl. 7F21L 4/00 7F21L 14/02  
 [25] EN  
**[54] HIGH-INTENSITY LIGHT PARTICULARLY FOR MEDICAL & DENTAL APPLICATION**  
**[54] SOURCE DE LUMIERE A HAUTE INTENSITE, PARTICULIEREMENT POUR APPLICATION DANS LES DOMAINES DE LA MEDECINE ET DE LA DENTISTERIE**  
 [72] KERBER, THOMAS, CA  
 [71] KERBER, THOMAS, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,958**  
 [13] A1  
 [51] Int.Cl. 7B43L 7/00 7B43L 7/02  
 [25] EN  
**[54] SQUARING-UP TOOL**  
**[54] OUTIL D'EQUARRISSAGE**  
 [72] MCDONALD, WILFRED JOHN, CA  
 [71] MCDONALD, WILFRED JOHN, CA  
 [22] 2003-03-10  
 [41] 2004-09-10

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[21] **2,421,961**  
 [13] A1  
 [51] Int.Cl. 7A01G 31/00 7A01G 31/02  
 [25] EN  
**[54] A VOLUME-SPECIFIC, CHRONOLOGICALLY SEQUENTIAL HYDROPONIC PLANT NUTRIENT KIT AND METHOD OF USE**  
**[54] TROUSSE D'ELEMENTS NUTRITIFS POUR PLANTES HYDROPONIQUES CONCUE POUR UN VOLUME PRECIS ET A UTILISATION SEQUENTIELLE ET METHODE D'UTILISATION**  
 [72] STRAUMIETIS, MICHAEL J., CA  
 [71] STRAUMIETIS, MICHAEL J., CA  
 [22] 2003-03-11  
 [41] 2004-09-11

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[21] **2,421,977**  
 [13] A1  
 [51] Int.Cl. 7B25G 1/00 7A46B 5/00  
 7B25G 3/00 7A46B 17/08 7A47L 13/42  
 [25] EN  
**[54] THE SWEEP EEZE**  
**[54] BALAI "THE SWEEP EEZE"**  
 [72] CHAPDELAINE, JOHN F., CA  
 [72] BAKER, GEORGE WILLIAM JR., CA  
 [71] CHAPDELAINE, JOHN F., CA  
 [71] BAKER, GEORGE WILLIAM JR., CA  
 [22] 2003-03-11  
 [41] 2004-09-11

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[21] **2,422,100**  
 [13] A1  
 [51] Int.Cl. 7A61H 33/06  
 [25] EN  
**[54] THE ORIGINAL SAUNA SEAT**  
**[54] SIEGE DE SAUNA « THE ORIGINAL SAUNA SEAT »**  
 [72] BREUKER, RAYMOND, CA  
 [71] BREUKER, RAYMOND, CA  
 [22] 2003-03-07  
 [41] 2004-09-07

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[21] **2,422,132**  
[13] A1

[51] Int.Cl. 7B41C 1/00 7B41N 1/00 7B41F  
5/24  
[25] EN  
[54] SCREENING METHOD FOR  
PREPARING FLEXOGRAPHIC  
PRINTING PLATES  
[54] METHODE DE TRAMAGE POUR  
LA PREPARATION DE PLAQUES  
D'IMPRESSION FLEXOGRAPHIQUES  
[72] MILLER, STEPHEN H., US  
[72] MCCREA, DEVON J., CA  
[71] CREO INC., CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,422,247**  
[13] A1

[51] Int.Cl. 7A01K 97/01  
[25] EN  
[54] ICE FISHING APPARATUS  
[54] MATERIEL DE PECHE SUR LA  
GLACE  
[72] HODGSON, STANLEY RAYMOND,  
SR., CA  
[71] HODGSON, STANLEY RAYMOND,  
SR., CA  
[22] 2003-03-10  
[41] 2004-09-10

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[21] **2,422,409**  
[13] A1

[51] Int.Cl. 7F21V 35/00  
[25] EN  
[54] CANDLE RESHAPER  
[54] DISPOSITIF DE REMISE EN  
FORME DE BOUGIES  
[72] FALLE, DAVID E., CA  
[72] FALLE, MARLEEN G., CA  
[71] FALLE, DAVID E., CA  
[71] FALLE, MARLEEN G., CA  
[22] 2003-03-07  
[41] 2004-09-07

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[21] **2,422,420**  
[13] A1

[51] Int.Cl. 7G10K 11/16  
[25] EN  
[54] PORTABLE, LIGHTWEIGHT,  
FOAM-FACED, HANGING ACOUSTIC  
PANEL  
[54] PANNEAU INSONORISANT  
SUSPENDU A FACE EN MOUSSE  
PORTATIF ET LEGER  
[72] LIGHTSTONE, ARTHUR W., CA  
[71] LIGHTSTONE, ARTHUR W., CA  
[22] 2003-03-10  
[41] 2004-09-10

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[21] **2,422,869**  
[13] A1

[51] Int.Cl. 7A63F 9/00 7G06F 17/60  
[25] FR  
[54] LE TEXTE-GUIDE  
[54] THE GUIDE TEXT  
[72] BLANCHET, RONALD, CA  
[71] BLANCHET, RONALD, CA  
[22] 2003-03-11  
[41] 2004-09-11

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[21] **2,422,906**  
[13] A1

[51] Int.Cl. 7C07K 14/78 7C08H 1/06  
[25] FR  
[54] LES COLLAGENES DE POISSON  
ET DE PHOQUE COMME MATRICES  
CELLULAIRES POUR LA CULTURE DE  
CELLULES  
[54] FISH AND SEAL COLLAGENS AS  
CELL MATRICES FOR CELL  
CULTURE  
[72] BEAUDOIN, ADRIEN, CA  
[71] BIOFLASH INC., CA  
[22] 2003-03-10  
[41] 2004-09-10

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[21] **2,423,815**  
[13] A1

[51] Int.Cl. 7B66D 3/00  
[25] EN  
[54] CABLE WINCH ARRANGEMENT  
[54] TREUIL A CABLE  
[72] GIGNAC, JACQUES R., CA  
[71] GIGNAC, JACQUES R., CA  
[22] 2003-03-05  
[41] 2004-09-05

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[21] **2,424,413**  
[13] A1

[51] Int.Cl. 7E04F 10/08 7E04H 15/08  
[25] EN  
[54] PROTECTIVE AND DECORATIVE  
VALANCE IN AN AWNING FOR USE  
WITH PERMANENT BUILDING  
STRUCTURES  
[54] CANTONNIERE DECORATIVE DE  
PROTECTION DANS UN AUVENT  
POUR UTILISATION AVEC DES  
STRUCTURES DE BATIMENTS  
PERMANENTES  
[72] ALLIN, JOHN M., US  
[71] CREST PRODUCTS, INC., US  
[22] 2003-04-03  
[41] 2004-09-11  
[30] US (10/385,902) 2003-03-11

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[21] **2,425,752**  
[13] A1

[51] Int.Cl. 7B62B 3/02 7G06F 1/00 7B62B  
3/10 7F16M 11/22  
[25] EN  
[54] COMPUTER TROLLEY  
[54] CHARIOT POUR ORDINATEUR  
[72] ANDERSON, ROBERT PAUL, US  
[71] KNAPE & VOGT MANUFACTURING  
COMPANY, US  
[22] 2003-04-17  
[41] 2004-09-07  
[30] US (10/383,405) 2003-03-07

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[21] **2,426,825**  
[13] A1

[51] Int.Cl. 7H02N 11/00 7H02K 7/18  
[25] EN  
[54] APPARATUS FOR INCREASING  
TURNING FORCE USING MAGNETIC  
FORCE  
[54] APPAREIL POUR AUGMENTER  
LA FORCE DE ROTATION AU MOYEN  
D'UNE FORCE MAGNETIQUE  
[72] SONG, KWANG HEON, KR  
[72] KIM, IN SOOK, KR  
[72] SONG, JAE HYEOUK, KR  
[72] SONG, JAE KYONG, KR  
[72] SONG, JAE EUN, KR  
[71] SONG, KWANG HEON, KR  
[71] KIM, IN SOOK, KR  
[71] SONG, JAE HYEOUK, KR  
[71] SONG, JAE KYONG, KR  
[71] SONG, JAE EUN, KR  
[22] 2003-04-25  
[41] 2004-09-10  
[30] KR (2003-14804) 2003-03-10

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[21] **2,427,859**  
 [13] A1  
 [51] Int.Cl. 7A63G 9/00 7A47D 13/10  
 [25] EN  
 [54] SUSPENSION SWING WITH A RECLINE MECHANISM AND A METHOD OF USING THE SAME  
 [54] BALANCOIRE A SUSPENSION A MECANISME D'INCLINAISON ET METHODE D'UTILISATION  
 [72] WOJTKIEWICZ, MARK, US  
 [72] SITARSKI, GERALD P., US  
 [72] POOK, PETER, US  
 [71] MATTTEL, INC., US  
 [22] 2003-04-30  
 [41] 2004-09-05  
 [30] US (10/378,655) 2003-03-05

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[21] **2,428,711**  
 [13] A1  
 [51] Int.Cl. 7A61K 31/355 7A61M 31/00  
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 [25] EN  
 [54] FORMULATIONS AND METHODS OF DELIVERY OF INTACT TOCOPHERYL SUCCINATE TO HUMANS  
 [54] FORMULATIONS ET METHODES D'ADMINISTRATION DE SUCCINATE DE TOCOPHERYLE INTACT A DES HUMAINS  
 [72] CHOW, CHING KUANG, US  
 [72] CHAN, ALVIN C., CA  
 [71] CHOW, CHING KUANG, US  
 [71] CHAN, ALVIN C., CA  
 [22] 2003-05-14  
 [41] 2004-09-05  
 [30] US (10/379,644) 2003-03-05

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[21] **2,429,879**  
 [13] A1  
 [51] Int.Cl. 7G06F 1/16  
 [25] EN  
 [54] ATTACHED PANEL ARRANGEMENT OF A PORTABLE COMPUTER  
 [54] MONTAGE DE PANNEAU SUR UN ORDINATEUR PORTATIF  
 [72] WANG, WEN-CHEH, XX  
 [72] YAN, CHANG-MING, XX  
 [72] HUANG, CHAO-MING, XX  
 [71] TATUNG CO., LTD., XX  
 [22] 2003-05-27  
 [41] 2004-09-07  
 [30] TW (92203515) 2003-03-07

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[21] **2,431,433**  
 [13] A1  
 [51] Int.Cl. 7A61N 1/16 7A61F 7/00 7A61B  
 18/04 7A47C 21/04  
 [25] EN  
 [54] BED FOR DIAGNOSIS HAVING FUNCTIONS OF BLOCKING WATER VEIN AND ELECTROMAGNETIC WAVE AND GENERATING ULTRA-LONG WAVE  
 [54] LIT DE DIAGNOSTIC AYANT DES FONCTIONS DE BLOCAGE DE VEINE D'EAU ET D'ONDE ELECTROMAGNETIQUE ET DE GENERATION D'UNE ONDE ULTRA LONGUE  
 [72] LEE, KYUNG-BOK, KR  
 [71] LEE, KYUNG-BOK, KR  
 [22] 2003-06-09  
 [41] 2004-09-10  
 [30] KR (2003-14760) 2003-03-10  
 [30] KR (2003-14761) 2003-03-10  
 [30] KR (2003-14763) 2003-03-10  
 [30] KR (2003-14764) 2003-03-10  
 [30] KR (2003-14765) 2003-03-10  
 [30] KR (2003-14766) 2003-03-10

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 [13] A1  
 [51] Int.Cl. 7B65D 19/02  
 [25] EN  
 [54] PALLET SYSTEM AND METHOD  
 [54] METHODE ET SYSTEME DE PALETTES  
 [72] JURDENS, KARL, CA  
 [71] BES TOOL & DIE LTD., CA  
 [22] 2003-06-06  
 [41] 2004-09-06  
 [30] US (10/379,573) 2003-03-06

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[21] **2,434,828**  
 [13] A1  
 [51] Int.Cl. 7B25B 13/06  
 [25] EN  
 [54] COMPOSITE SOCKET WRENCH  
 [54] CLE A DOUILLES COMPOSITE  
 [72] PETERS, DAVID, US  
 [71] READY PRODUCTS, INC., US  
 [22] 2003-07-09  
 [41] 2004-09-11  
 [30] US (60/453,808) 2003-03-11

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[21] **2,434,887**  
 [13] A1  
 [51] Int.Cl. 7A23L 1/10 7A21D 10/00  
 7A23L 1/16  
 [25] EN  
 [54] FLOUR COMPOSITION CONTAINING NON-WHEAT CEREAL COMPONENTS, AND NOODLES PRODUCED THEREFROM  
 [54] COMPOSITION DE FARINE CONTENANT DES COMPOSANTS DE CEREALE SANS BLE ET NOUILLES PRODUITES A PARTIR DE LADITE FARINE  
 [72] WANG, SHING-JUNG, XX  
 [71] STANDARD FOOD CORPORATION, XX  
 [22] 2003-07-11  
 [41] 2004-09-07  
 [30] TW (092104950) 2003-03-07

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 [13] A1  
 [51] Int.Cl. 7A61B 5/117 7G03B 7/00  
 7B60K 28/06 7H04N 7/18 7G06F 17/40  
 7G01N 33/497  
 [25] EN  
 [54] IMPAIRMENT DETECTION AND INTERLOCK SYSTEM WITH TESTER IDENTIFICATION  
 [54] SYSTEME DE DETECTION DE FACULTES AFFAIBLIES ET DE COUPLAGE AVEC IDENTIFICATION DE L'ADMINISTRATEUR DU TEST  
 [72] COUCH, SHERMAN, US  
 [72] KNOWLES, THOMAS E., US  
 [72] FREUND, RICHARD C., US  
 [71] LIFESAVER INTERLOCK, INC., US  
 [22] 2003-08-22  
 [41] 2004-09-07  
 [30] US (10/384,109) 2003-03-07

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[21] **2,438,808**  
 [13] A1  
 [51] Int.Cl. 7B28D 1/26 7B28D 1/30  
 [25] EN  
 [54] BLOCK CHIPPING ASSEMBLY  
 [54] COUPEUSE-DECHIQUETEUSE DE BLOCS DE BOIS  
 [72] CORREIA, HORACIO, CA  
 [71] CORREIA, HORACIO, CA  
 [22] 2003-08-28  
 [41] 2004-09-06  
 [30] US (60/452,051) 2003-03-06

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[21] **2,442,163**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7G06K 11/00  
 [25] EN  
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**SYSTEME DE TAUX ET DE DISTRIBUTION**  
 [54] SYSTEME DE TAUX ET DE DISTRIBUTION  
 [54] COLMAN, RENEE, US  
 [71] U-HAUL INTERNATIONAL, INC., US  
 [22] 2003-09-22  
 [41] 2004-09-10  
 [30] US (10/386,413) 2003-03-10

[21] **2,447,177**  
 [13] A1

[51] Int.Cl. 7B60D 1/64 7H04B 10/12  
**7G02B 6/36**  
 [25] EN  
**LIGHT CONDUCTOR COUPLING**  
**COUPLAGE DE CONDUCTEURS DE LUMIERE**  
 [54] MEYER, MARTIN WOLFGANG, DE  
 [71] ERA-CONTACT GMBH, DE  
 [22] 2003-10-28  
 [41] 2004-09-07  
 [30] DE (103 10 148.9) 2003-03-07

[21] **2,450,339**  
 [13] A1

[51] Int.Cl. 7H01R 43/26 7H01R 4/50  
 [25] EN  
**WEDGE CONNECTOR TOOL HEAD**  
**TETE PORTE-OUTIL A CONNECTEUR A COIN**  
 [54] ITRICH, TODD J., US  
 [71] HUSKIE TOOLS, INC., US  
 [22] 2003-11-21  
 [41] 2004-09-11  
 [30] US (10/386,188) 2003-03-11

[21] **2,444,448**  
 [13] A1

[51] Int.Cl. 7F23N 3/08 7F23C 7/00 7F23D 14/02 7F24H 1/18  
 [25] EN  
**WATER HEATER HAVING SELF-POWERED LOW NOX BURNER/FUEL-AIR DELIVERY SYSTEM**  
 [54] CHAUFFE-EAU A BRULEUR A FAIBLE TAUX D'EMISSIONS D'OXYDES D'AZOTE/SYSTEME DE DISTRIBUTION DE CARBURANT-AIR AUTO-ALIMENTE  
 [72] TRANT, TROY E., US  
 [71] RHEEM MANUFACTURING COMPANY, US  
 [22] 2003-10-07  
 [41] 2004-09-10  
 [30] US (10/384,848) 2003-03-10

[21] **2,448,677**  
 [13] A1

[51] Int.Cl. 7H01M 8/04  
 [25] EN  
**INTEGRATED FUEL CONTAINER AND IMPURITY REMOVAL CARTRIDGE**  
 [54] RESERVOIR A COMBUSTIBLE ET CARTOUCHE D'EXTRACTION D'IMPURETES INTEGRES  
 [72] HARDING, PHILIP H., US  
 [72] ARTHUR, ALAN R., US  
 [71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US  
 [22] 2003-11-06  
 [41] 2004-09-05  
 [30] US (10/382,701) 2003-03-05

[21] **2,450,998**  
 [13] A1

[51] Int.Cl. 7F16K 31/06 7G05D 7/06  
**7F01B 31/12 7G05B 11/28**  
 [25] EN  
**ARRANGEMENT FOR THE METERED FEEDING OF VOLATILE FUEL COMPONENTS**  
**MECANISME D'ALIMENTATION DOSEE DE PRODUITS COMBUSTIBLES VOLATILES**  
 [72] KLATT, CHRISTOPHER, DE  
 [72] KLESEN, CHRISTOF, DE  
 [72] GERLICH, TORSTEN, DE  
 [71] CARL FREUDENBERG KG, DE  
 [22] 2003-11-27  
 [41] 2004-09-06  
 [30] DE (103 10 109.8-13) 2003-03-06

[21] **2,447,176**  
 [13] A1

[51] Int.Cl. 7B60D 1/64 7H04B 10/12  
**7G02B 6/36**  
 [25] EN  
**OPTICAL SIGNAL COUPLING**  
**COUPLAGE DE SIGNAUX OPTIQUES**  
 [54] MEYER, MARTIN WOLFGANG, DE  
 [71] ERA-CONTACT GMBH, DE  
 [22] 2003-10-28  
 [41] 2004-09-07  
 [30] DE (103 10 134.9) 2003-03-07

[21] **2,449,258**  
 [13] A1

[51] Int.Cl. 7B65D 27/34 7B42D 15/02  
 [25] EN  
**MAILER ADAPTED TO AUTOMATED LETTER OPENER**  
**ENVELOPPE MATELASSEE ADAPTEE AUX OUVRE-LETTRES AUTOMATISES**  
 [72] DYER, MICHAEL C., US  
 [71] MOORE WALLACE NORTH AMERICA, INC., US  
 [22] 2003-11-13  
 [41] 2004-09-05  
 [30] US (10/378,597) 2003-03-05

[21] **2,451,937**  
 [13] A1

[51] Int.Cl. 7B31C 3/00  
 [25] EN  
**CORE REDUCTION METHOD AND APPARATUS**  
**METHODE ET DISPOSITIF DE REDUCTION D'AME**  
 [72] JANSEN, STEVE J., US  
 [72] BLUME, JOSEPH A., US  
 [72] HOLZEM, JAMES VINCENT, US  
 [71] BAY WEST PAPER CORPORATION, US  
 [22] 2003-12-02  
 [41] 2004-09-07  
 [30] US (10/384,436) 2003-03-07

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 [13] A1  
 [51] Int.Cl. 7F21V 13/00 7H05B 33/00  
**7F21V 7/04**  
 [25] EN  
 [54] SYSTEM AND METHOD FOR MANIPULATING ILLUMINATION CREATED BY AN ARRAY OF LIGHT EMITTING DEVICES  
 [54] SYSTEME ET METHODE POUR MANIPULER L'ECLAIREMENT PRODUIT PAR UN RESEAU DE SOURCES LUMINEUSES  
 [72] KAN, PETER, CA  
 [71] TIR SYSTEMS LTD., CA  
 [22] 2003-12-08  
 [41] 2004-09-05  
 [30] CA (2,420,939) 2003-03-05

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[21] **2,452,457**  
 [13] A1  
 [51] Int.Cl. 7E21B 19/00  
 [25] EN  
 [54] APPARATUS FOR CONTROLLING A TOOL HAVING A MANDREL THAT MUST BE STROKED INTO OR OUT OF A WELL  
 [54] APPAREIL DE COMMANDE D'UN OUTIL DONT LE MANDRIN DOIT ETRE POUSSÉ VERS L'INTERIEUR OU L'EXTERIEUR D'UN PUITS  
 [72] DALLAS, L. MURRAY, US  
 [71] DALLAS, L. MURRAY, US  
 [22] 2003-12-04  
 [41] 2004-09-07  
 [30] CA (2,421,348) 2003-03-07

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[21] **2,453,855**  
 [13] A1  
 [51] Int.Cl. 7F16K 11/00 7F16K 31/00  
 [25] EN  
 [54] MULTI-PORT DIVERTER VALVE  
 [54] VALVE DE DERIVATION MULTIVOIES  
 [72] MCNERNEY, GERALD J., US  
 [72] MARTY, GARRY ROBIN, US  
 [71] MASCO CORPORATION OF INDIANA, US  
 [22] 2003-12-18  
 [41] 2004-09-11  
 [30] US (10/386,267) 2003-03-11

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[21] **2,454,442**  
 [13] A1  
 [51] Int.Cl. 7B23K 37/00  
 [25] EN  
 [54] WIND TUNNEL FOR A WELDING POWER SUPPLY HOUSING  
 [54] TUNNEL DE SOUFFLERIE POUR BATI D'ALIMENTATION DE SOUDAGE  
 [72] SCHNEIDER, JOSEPH C., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-12-30  
 [41] 2004-09-06  
 [30] US (10/248,970) 2003-03-06

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[21] **2,454,674**  
 [13] A1  
 [51] Int.Cl. 7B65D 83/10  
 [25] EN  
 [54] BLADE DISPENSER  
 [54] DISTRIBUTEUR DE LAMES  
 [72] WEI, WU YUE, CN  
 [71] WEI, WU YUE, CN  
 [22] 2003-12-31  
 [41] 2004-09-08  
 [30] CN (03227939.6) 2003-03-08

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[21] **2,454,810**  
 [13] A1  
 [51] Int.Cl. 7E05D 7/00 7B23K 37/00  
 [25] EN  
 [54] REMOVABLE PANELS FOR A WELDING-TYPE MACHINE ENCLOSURE  
 [54] PANNEAUX AMOVIBLES POUR BATI DE MACHINE A SOUDAGE  
 [72] RADTKE, DAVID E., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-12-31  
 [41] 2004-09-10  
 [30] US (10/249,018) 2003-03-10

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[21] **2,454,811**  
 [13] A1  
 [51] Int.Cl. 7B23K 9/133 7G06F 19/00  
**7B23K 9/095**  
 [25] EN  
 [54] AUTOMATIC WIRE FEED CONTROL FOR A WELDING SYSTEM  
 [54] COMMANDE AUTOMATIQUE D'ENTRAINEMENT DU FIL-ELECTRODE POUR SYSTEME DE SOUDAGE  
 [72] KNOENER, CRAIG S., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-12-31  
 [41] 2004-09-07  
 [30] US (10/249,003) 2003-03-07

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[21] **2,454,876**  
 [13] A1  
 [51] Int.Cl. 7B65B 13/18 7B65B 13/16  
 [25] EN  
 [54] MULTI-EDGED CUTTER  
 [54] ORGANE DE COUPE A BORDURES MULTIPLES  
 [72] FIGIEL, JANUSZ, US  
 [72] CRITTENDEN, DAVID E., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-12-30  
 [41] 2004-09-10  
 [30] US (10/384,955) 2003-03-10

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[21] **2,455,316**  
 [13] A1  
 [51] Int.Cl. 7H04R 25/00  
 [25] EN  
 [54] BINAURAL HEARING DEVICE AND METHOD FOR CONTROLLING A HEARING DEVICE SYSTEM  
 [54] DISPOSITIF AUDITIF BINAURAL ET METHODE POUR COMMANDER UNE PROTHESE AUDITIVE  
 [72] ROECK, HANS-UELI, CH  
 [71] PHONAK AG, CH  
 [22] 2004-01-19  
 [41] 2004-09-07  
 [30] CH (03 005 178.3) 2003-03-07

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[21] **2,455,363**  
 [13] A1  
 [51] Int.Cl. 7G01M 3/02 7G01M 3/18  
 [25] EN  
 [54] LEAK DETECTION SYSTEM AND METHOD FOR OFFSHORE HOSE LINES  
 [54] SYSTEME ET METHODE DE DETECTION DE FUITES DANS DES CANALISATIONS EN HAUTE MER  
 [72] SANCHES, LUIS ROBERTO FLORES, BR  
 [72] DE LUCENA, WALDIR PEREIRA, BR  
 [72] SPAOLONZI, MAURICIO PINTO, BR  
 [71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
 [22] 2004-01-16  
 [41] 2004-09-11  
 [30] US (10/387,201) 2003-03-11

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[21] **2,455,467**  
[13] A1

[51] Int.Cl. 7G01N 27/417  
[25] EN  
[54] MEASUREMENT DEVICE FOR DETERMINING OXYGEN ACTIVITY IN MOLTEN METAL OR SLAG  
[54] DISPOSITIF DE MESURE POUR DETERMINER L'ACTIVITE DE L'OXYGENE DANS DU LAITIER OU DU METAL FONDU  
[72] HABETS, DANNY, BE  
[71] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE  
[22] 2004-01-20  
[41] 2004-09-07  
[30] DE (103 10 387.2) 2003-03-07

[21] **2,455,479**  
[13] A1

[51] Int.Cl. 7G06F 9/455  
[25] EN  
[54] DIRECT INSTRUCTIONS RENDERING EMULATION COMPUTER TECHNIQUE  
[54] TECHNIQUE INFORMATIQUE D'EMULATION DIRECTE D'INSTRUCTIONS  
[72] WARD, PAUL D., US  
[72] ZWIRNER, ERIC W., US  
[72] HOERIG, TIMOTHY R., US  
[72] CANNON, WILLIAM J., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[22] 2004-01-20  
[41] 2004-09-06  
[30] US (10/382,598) 2003-03-06

[21] **2,456,224**  
[13] A1

[51] Int.Cl. 7C08L 33/12 7C08L 25/02  
7C08L 33/02 7C08L 31/04 7C08L 33/10  
7H01M 8/10 7H01M 2/16 7C08J 5/18  
7C08J 5/22 7H01M 4/96  
[25] EN  
[54] NON-PERFLUORINATED RESINS CONTAINING IONIC OR IONIZABLE GROUPS AND PRODUCTS CONTAINING THE SAME  
[54] RESINES NON PERFLUOREES CONTENANT DES GROUPEMENTS IONIQUES OU IONISABLES ET PRODUITS CONTENANT DE TELLES RESINES  
[72] HEDHLI, LOTFI, US  
[72] IYER, JYOSTNA, US

[72] GABOURY, SCOTT RICHARD, US  
[72] DECKER, ISABELLE, FR  
[72] AMORT, HOLGER ERNST, US  
[71] ATOFINA CHEMICALS, INC., US  
[22] 2004-01-26  
[41] 2004-09-06  
[30] US (10/383,026) 2003-03-06

[21] **2,456,356**  
[13] A1

[51] Int.Cl. 7A61K 31/196 7A61P 29/00  
7A61P 31/22 7A61K 31/407  
[25] EN  
[54] TOPICAL FORMULATION HAVING EFFECTS ON ALLEVIATING PAIN/INFLAMMATION CAUSED BY HERPES VIRUS INFECTION  
[54] COMPOSITION TOPIQUE POUR SOULAGER LA DOULEUR OU L'INFLAMMATION DUES AU VIRUS DE L'HERPES  
[72] LEE, FANG-YU, TW  
[72] LIN, WEI-LIANG, TW  
[72] YI, YEN-LING, TW  
[72] CHEN, BIN-KEN, TW  
[72] TSAI, CHIUNG-JU, TW  
[72] CHEN, SHAN-CHIUNG, TW  
[71] YUNG SHIN PHARM. IND. CO, LTD, TW  
[22] 2004-01-27  
[41] 2004-09-10  
[30] US (10/383,525) 2003-03-10

[21] **2,456,361**  
[13] A1

[51] Int.Cl. 7H01R 13/44  
[25] EN  
[54] ELECTRICAL SAFETY DEVICE  
[54] DISPOSITIF DE SECURITE ELECTRIQUE  
[72] HODGE, JOHN S., CA  
[72] IRVINE, RICHARD S., CA  
[71] HODGE, JOHN S., CA  
[71] IRVINE, RICHARD S., CA  
[22] 2004-01-27  
[41] 2004-09-07  
[30] US (60,319,994) 2003-03-07  
[30] US (10/604,280) 2003-07-08

[21] **2,456,458**  
[13] A1

[51] Int.Cl. 7F16K 47/02 7F16K 21/00  
7F16L 55/045 7E03C 1/08  
[25] EN  
[54] DIVERTER ASSEMBLY WITH INTEGRAL WATER-HAMMER ARRESTOR  
[54] ORGANE DE DERIVATION AVEC ANTIBELIER INTEGRE  
[72] BAILEY, ROBERT W., CA  
[71] MASCO CORPORATION OF INDIANA, US  
[22] 2004-01-29  
[41] 2004-09-07  
[30] US (10/384,036) 2003-03-07

[21] **2,456,579**  
[13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 3/16  
[25] EN  
[54] DYNAMIC VOLUME ADJUSTMENT IN A SLOT MACHINE  
[54] REGLAGE DE VOLUME DYNAMIQUE D'UNE MACHINE A SOUS  
[72] BOYD, SCOTT, US  
[71] ACRES GAMING INCORPORATED, US  
[22] 2004-01-29  
[41] 2004-09-11  
[30] US (10/387,180) 2003-03-11

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[21] **2,456,674**  
 [13] A1

[51] Int.Cl. 7G09B 9/12  
 [25] FR  
 [54] DISPOSITIF POUR LE  
 DEPLACEMENT D'UNE MACHINE  
 [54] DEVICE FOR MOVING A  
 MACHINE  
 [72] BOCQUET, PHILIPPE, FR  
 [72] MIQUEL, BRICE, FR  
 [71] AIRBUS FRANCE, FR  
 [22] 2004-02-09  
 [41] 2004-09-05  
 [30] FR (03 02685) 2003-03-05

[21] **2,457,267**  
 [13] A1

[51] Int.Cl. 7E01H 5/06  
 [25] EN  
 [54] PLOW CUTTING EDGE  
 [54] ARETE TRANCHANTE DE  
 CHARRUE  
 [72] JONES, JAYSON D., US  
 [72] SMITH, JEFF J., US  
 [71] BURKE TRUCK & EQUIPMENT,  
 INC., US  
 [22] 2004-02-09  
 [41] 2004-09-11  
 [30] US (10/687,003) 2003-10-16  
 [30] US (60/453,619) 2003-03-11

[21] **2,457,615**  
 [13] A1

[51] Int.Cl. 7G01B 3/10 7G01B 5/02  
 [25] EN  
 [54] TAPE MEASURE WITH SLIDING  
 TAPE GRIP ELEMENT  
 [54] RUBAN A MESURER AVEC  
 ELEMENT COUILLANT DE  
 PREHENSION  
 [72] DONELSON, STEPHEN E., US  
 [72] CRITELLI, JAMES M., US  
 [71] COOPER BRANDS, INC., US  
 [22] 2004-02-10  
 [41] 2004-09-06  
 [30] US (10/382,825) 2003-03-06

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 [13] A1

[51] Int.Cl. 7H04L 12/28 7H04L 29/06  
 7H04L 12/56  
 [25] EN  
 [54] VIRTUAL NETWORK TOPOLOGY  
 GENERATION  
 [54] GENERATION DE TOPOLOGIES  
 DE RESEAU VIRTUEL  
 [72] CEDOLA, KENT D., US  
 [72] HYDRIE, AAMER, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-02-04  
 [41] 2004-09-06  
 [30] US (10/382,942) 2003-03-06

[21] **2,457,423**  
 [13] A1

[51] Int.Cl. 7C12P 13/12 7C12N 1/20  
 7C12N 15/31  
 [25] EN  
 [54] METHOD FOR FERMENTATIVE  
 PREPARATION OF S-  
 ADENOSYLMETHIONINE  
 [54] METHODE DE PREPARATION DE  
 S-ADENOSYLMETHIONINE PAR  
 FERMENTATION  
 [72] MAIER, THOMAS, DE  
 [72] LEONHARTSBERGER, SUSANNE,  
 DE  
 [71] CONSORTIUM FUR  
 ELEKTROCHEMISCHE INDUSTRIE  
 GMBH, DE  
 [22] 2004-03-03  
 [41] 2004-09-06  
 [30] DE (103 09 856.9) 2003-03-06

[21] **2,457,741**  
 [13] A1

[51] Int.Cl. 7C08L 33/12 7C08J 5/00  
 [25] EN  
 [54] THERMOSETTING COMPOSITE  
 MATERIAL PARTICULARLY FOR  
 MANUFACTURING SANITARY  
 ARTICLES AND KITCHEN SINKS  
 [54] COMPOSITE  
 THERMODURCISSABLE POUVANT  
 ETRE UTILISE POUR FABRIQUER,  
 NOTAMMENT, DES ARTICLES  
 SANITAIRES ET DES EVIERS DE  
 CUISINE  
 [72] TRAVERSA, GIANCARLO, IT  
 [72] TRAVERSA, GIORGIO DAVIDE, IT  
 [71] ELLECI S.P.A., IT  
 [22] 2004-02-16  
 [41] 2004-09-05  
 [30] IT (MI2003A000406) 2003-03-05

[21] **2,457,185**  
 [13] A1

[51] Int.Cl. 7F16J 15/32  
 [25] EN  
 [54] SEAL RING  
 [54] JOINT D'ETANCHEITE  
 [72] KAMMERER, ERIC, FR  
 [72] GUILLERME, CELINE, FR  
 [71] CARL FREUDENBERG KG, DE  
 [22] 2004-02-10  
 [41] 2004-09-07  
 [30] DE (10309907.7-12) 2003-03-07

[21] **2,457,508**  
 [13] A1

[51] Int.Cl. 7H02G 3/14  
 [25] EN  
 [54] COVER ASSEMBLY FOR AN  
 ELECTRICAL BOX  
 [54] ENSEMBLE COUVERCLE POUR  
 COFFRET DE BRANCHEMENT  
 [72] DRANE, MARK R., US  
 [71] THOMAS & BETTS  
 INTERNATIONAL, INC., US  
 [22] 2004-02-05  
 [41] 2004-09-07  
 [30] US (10/384,190) 2003-03-07

[21] **2,458,055**  
 [13] A1

[51] Int.Cl. 7E04C 1/00 7B28B 7/02 7E02D  
 29/02 7B28B 7/22  
 [25] EN  
 [54] CHAMFERED BLOCKS  
 [54] BLOCS CHANFREINES  
 [72] CORREIA, HORACIO, CA  
 [71] CORREIA, HORACIO, CA  
 [22] 2004-02-19  
 [41] 2004-09-06  
 [30] US (60/452,052) 2003-03-06

[21] **2,457,187**  
 [13] A1

[51] Int.Cl. 7E04B 2/82 7E04B 2/74  
 [25] EN  
 [54] STABILIZED PORTABLE ROOM  
 DIVIDER  
 [54] ELEMENTS PORTATIFS  
 STABILISES DE SEPARATION DE  
 PIECE  
 [72] MAAS, PAUL A., US  
 [71] MAAS, PAUL A., US  
 [22] 2004-02-10  
 [41] 2004-09-06  
 [30] US (10/382,630) 2003-03-06

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 [13] A1

[51] Int.Cl. 7B03D 1/00 7D21C 5/02  
 [25] EN  
 [54] PROCESS FOR CONTROLLING OPERATION OF A FLOTATION CELL  
 [54] COMMANDE DE FONCTIONNEMENT D'UNE CELLULE DE FLOTTATION  
 [72] HERTL, ERWIN, AT  
 [72] GABL, HELMUTH, AT  
 [72] GORTON-HUELGERTH, ANDREAS, AT  
 [71] ANDRITZ AG, AT  
 [22] 2004-02-20  
 [41] 2004-09-11  
 [30] AT (A 372/2003) 2003-03-11

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[21] **2,458,140**  
 [13] A1

[51] Int.Cl. 7A43B 7/02 7A43C 15/00 7A61F 7/00  
 [25] EN  
 [54] WARMER FOR FEET AND TOES  
 [54] RECHAUFFEUR DES PIEDS ET DES ORTEILS  
 [72] PRITCHETT, MATTHEW W., US  
 [71] PRITCHETT, MATTHEW W., US  
 [22] 2004-02-17  
 [41] 2004-09-06  
 [30] US (10/382,813) 2003-03-06

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 [13] A1

[51] Int.Cl. 7A61K 31/401 7A61P 9/04 7A61P 3/10 7A61K 31/138 7A61K 31/403 7A61K 31/41 7A61K 31/4178 7A61K 31/4184 7A61K 31/472  
 [25] EN  
 [54] METHOD AND COMPOUND TO REDUCE THE INCIDENCE OF DIABETES IN A SUBJECT WITH CHRONIC HEART FAILURE  
 [54] METHODE ET COMPOSE POUR REDUIRE L'INCIDENCE DU DIABETE CHEZ UN SUJET QUI SOUFFRE D'UNE INSUFFISANCE CARDIAQUE CHRONIQUE  
 [72] TARDIF, JEAN-CLAUDE, CA  
 [72] BOURASSA, MARTIAL G., CA  
 [72] DUCHARME, ANIQUE, CA  
 [71] INSTITUT DE CARDIOLOGIE DE MONTREAL / MONTREAL HEART INSTITUTE, CA  
 [22] 2004-02-17  
 [41] 2004-09-11  
 [30] US (60/453,767) 2003-03-11

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[21] **2,458,359**  
 [13] A1

[51] Int.Cl. 7B67D 5/08 7B01F 1/00 7B01F 3/12 7B65D 25/38  
 [25] EN  
 [54] SOLUTE DISPERSION DEVICE  
 [54] DISPERSEUR DE SOLUTE  
 [72] CORMIER, DAVID G., US  
 [71] GREAT AMERICAN DUCK RACES, INC. DBA GREAT AMERICAN MERCHANDISING AND EVE NTS, US  
 [22] 2004-02-20  
 [41] 2004-09-06  
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 [13] A1

[51] Int.Cl. 7F41G 3/02 7F41C 27/00  
 [25] FR  
 [54] MONTAGE D'UN DISPOSITIF DE VISEE HOLOGraphIQUE SUR UNE ARME  
 [54] MOUNTING OF A HOLOGraphic SIGHTING DEVICE ON A WEAPON  
 [72] ARACHEQUESNE, PATRICK, FR  
 [71] SARL PATRICK ARACHEQUESNE, FR  
 [22] 2004-02-24  
 [41] 2004-09-05  
 [30] FR (03.02718) 2003-03-05  
 [30] FR (03.11253) 2003-09-25

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[21] **2,458,493**  
 [13] A1

[51] Int.Cl. 7C09K 7/02 7E21B 33/10 7E21B 33/13  
 [25] EN  
 [54] SEALING COMPOSITION  
 [54] COMPOSE D'OBTURATION  
 [72] GIRGENTI, DARRELL, ID  
 [71] HALLIBURTON ENERGY SERVICES, INC., US  
 [22] 2004-02-24  
 [41] 2004-09-11  
 [30] US (10/386,264) 2003-03-11

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[21] **2,458,511**  
 [13] A1

[51] Int.Cl. 7G06F 1/16 7G06F 3/023  
 [25] EN  
 [54] SUPPORT STRUCTURE OF A PORTABLE KEYBOARD  
 [54] STRUCTURE DE SUPPORT DE CLAVIER PORTATIF  
 [72] HUANG, CHAO-MING, TW  
 [72] WANG, WEN-CHIEH, TW  
 [72] CHANG, KAO-WEN, TW  
 [71] TATUNG CO., LTD., TW  
 [22] 2004-02-24  
 [41] 2004-09-10  
 [30] TW (092203584) 2003-03-10

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[21] **2,458,701**  
 [13] A1

[51] Int.Cl. 7F16B 13/06 7E21D 20/00 7E21D 21/00  
 [25] EN  
 [54] CONCRETE ANCHOR  
 [54] MASSIF D'ANCORAGE EN BETON  
 [72] PAUL, SIGISMUND D., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2004-02-25  
 [41] 2004-09-07  
 [30] US (10/384,091) 2003-03-07

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[21] **2,458,707**  
 [13] A1

[51] Int.Cl. 7A63B 69/00 7A63B 63/00 7B27M 3/22  
 [25] EN  
 [54] PRACTICE DEVICE FOR A BASEBALL PITCHER  
 [54] DISPOSITIF D'ENTRAINEMENT POUR LANCEUR DE BASEBALL  
 [72] MAJUMDAR, RAMENDRA NATH, US  
 [71] MAJUMDAR, RAMENDRA NATH, US  
 [22] 2004-02-25  
 [41] 2004-09-10  
 [30] US (10/385,145) 2003-03-10

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[21] **2,458,897**  
 [13] A1

[51] Int.Cl. 7B23D 29/02 7B26B 13/00  
 [25] EN  
 [54] RUN-THROUGH SHEARS  
 [54] CISAILLES MOBILES  
 [72] FOSHAG, SIEGFRIED, DE  
 [71] BESSEY & SOHN GMBH & CO., DE  
 [22] 2004-02-26  
 [41] 2004-09-05  
 [30] DE (103 10 259.0) 2003-03-05

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 [13] A1  
 [51] Int.Cl. 7B64D 45/08 7G06T 17/50  
 [25] FR  
**[54] PROCEDE ET DISPOSITIF POUR CONSTRUIRE UNE IMAGE DE SYNTHESE DE L'ENVIRONNEMENT D'UN AERONEF ET LA PRESENTER SUR UN ECRAN DUDIT AERONEF**  
**[54] PROCESS AND DEVICE FOR BUILDING A COMPUTER SYNTHESIZED IMAGE OF THE ENVIRONMENT OF AN AIRCRAFT AND DISPLAYING IT ON THE SCREEN OF THE AFORESAID AIRCRAFT**  
 [72] MORIZET, BENOIT, FR  
 [72] LECOMTE, PIERRE, FR  
 [72] AMADE, VINCENT, FR  
 [72] MORERE, PATRICK, FR  
 [72] LHOTE, SEBASTIEN, FR  
 [72] WANNER, NICOLE, FR  
 [72] WANNER, JEAN-CLAUDE, FR  
 [71] AIRBUS FRANCE, FR  
 [22] 2004-03-02  
 [41] 2004-09-07  
 [30] FR (03 02 861) 2003-03-07

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 [13] A1  
 [51] Int.Cl. 7D21H 27/02 7A47K 10/16  
**7D21H 27/40**  
 [25] FR  
**[54] PRODUIT EN PAPIER ABSORBANT PRESENTANT UN GAUFRAGE AMELIORE**  
**[54] ABSORBENT PAPER PRODUCT WITH IMPROVED EMBOSSED**  
 [72] HOEFT, BENOIT, FR  
 [72] BASLER, MICHEL, FR  
 [72] POMMIER, NICOLAS, FR  
 [72] JEANNOT, SEBASTIEN, FR  
 [71] GEORGIA-PACIFIC FRANCE, FR  
 [22] 2004-03-02  
 [41] 2004-09-07  
 [30] EP (03005090.0) 2003-03-07

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[21] **2,458,960**  
 [13] A1  
 [51] Int.Cl. 7B60N 2/40 7B62J 1/00 7B60R  
**9/06**  
 [25] EN  
**[54] MODULAR COMPONENTS FOR AN ALL-TERRAIN VEHICLE**  
**[54] ELEMENTS MODULAIRES DE VEHICULE TOUS TERRAINS**  
 [72] AUGER, GUILLAUME, CA  
 [72] AUDET, MATHIEU, CA  
 [72] RONDEAU, PIERRE, CA  
 [72] BELANGER, JEANNOT, CA  
 [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA  
 [22] 2004-03-08  
 [41] 2004-09-07  
 [30] US (60/452,498) 2003-03-07  
 [30] US (60/467,566) 2003-05-05

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[21] **2,458,962**  
 [13] A1  
 [51] Int.Cl. 7G01N 21/35 7G01V 9/00  
**7E21B 49/08 7G01V 8/10 7G01N 31/22**  
**7G01N 25/46**  
 [25] FR  
**[54] METHODE ET DISPOSITIF D'ANALYSE DU CO<sub>2</sub> CONTENU DANS UN FLUIDE DE FORAGE**  
**[54] METHOD AND DEVICE FOR ANALYSING THE CO<sub>2</sub> CONTENT IN A DRILLING FLUID**  
 [72] HERZHAFT, BENJAMIN, FR  
 [72] ROPARS, MARCEL, FR  
 [72] HUARD, THIERRY, FR  
 [72] NEAU, LAURENT, FR  
 [71] INSTITUT FRANCAIS DU PETROLE, FR  
 [22] 2004-03-08  
 [41] 2004-09-11  
 [30] FR (03/03.073) 2003-03-11

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[21] **2,458,971**  
 [13] A1  
 [51] Int.Cl. 7B60N 2/32 7B60R 9/06 7B60N  
**2/64**  
 [25] EN  
**[54] RETRACTABLE PASSENGER SEAT FOR AN ATV**  
**[54] SIEGE ESCAMOTABLE DE PASSAGER POUR VEHICULE TOUT TERRAIN**  
 [72] AUDET, MATHIEU, CA  
 [71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA  
 [22] 2004-03-08  
 [41] 2004-09-07  
 [30] US (60/452,498) 2003-03-07

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[21] **2,459,030**  
 [13] A1  
 [51] Int.Cl. 7G06F 3/00 7G10L 15/22  
 [25] EN  
**[54] PRESENTATION OF DATA BASED ON USER INPUT**  
**[54] PRESENTATION DE DONNEES BASEE SUR LA DEMANDE DE L'UTILISATEUR**  
 [72] WANG, KUANSAN, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-02-26  
 [41] 2004-09-05  
 [30] US (10/382,121) 2003-03-05

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[21] **2,459,104**  
 [13] A1  
 [51] Int.Cl. 7C10M 125/26 7C10M 101/00  
**7C10M 125/22**  
 [25] EN  
**[54] METHOD AND COMPOSITIONS FOR REDUCING WEAR IN HEAVY-DUTY DIESEL ENGINES**  
**[54] METHODE ET COMPOSES PERMETTANT DE REDUIRE L'USURE DE MOTEURS DIESELS A GRANDE PUISSANCE**  
 [72] KLEISER, WILLIAM M., US  
 [72] BOFFA, ALEXANDER B., US  
 [71] CHEVRON ORONITE COMPANY LLC, US  
 [22] 2004-02-27  
 [41] 2004-09-07  
 [30] US (10/383,426) 2003-03-07

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[21] **2,459,190**  
 [13] A1  
 [51] Int.Cl. 7F02C 5/02 7F02K 3/00  
 [25] EN  
**[54] PULSE DETONATION SYSTEM FOR A GAS TURBINE ENGINE**  
**[54] SYSTEME DE DETONATION PAR IMPULSIONS POUR TURBINE A GAZ**  
 [72] BAILEY, WILLIAM ANDREW, US  
 [72] BUTLER, LAWRENCE, US  
 [72] VENKATARAMANI, KATTALAICHERI SRINIVASAN, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2004-02-26  
 [41] 2004-09-06  
 [30] US (10/383,027) 2003-03-06

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**5 septembre 2004 au 11 septembre 2004**

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[21] **2,459,214**  
[13] A1

[51] Int.Cl. 7G01R 23/02 7H01J 61/52  
[25] EN  
[54] METHOD AND APPARATUS FOR DETERMINING THE RESONANT FREQUENCY OF A RESONANT CIRCUIT  
[54] METHODE ET APPAREIL PERMETTANT DE DETERMINER LA FREQUENCE DE RESONANCE D'UN CIRCUIT RESONANT  
[72] BUSSE, OLAF, DE  
[72] SCHEMMEL, BERNHARD, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-03-01  
[41] 2004-09-07  
[30] DE (103 10 143.8) 2003-03-07

[21] **2,459,216**  
[13] A1

[51] Int.Cl. 7H01L 23/36  
[25] EN  
[54] CIRCUIT ARRANGEMENT FOR COMPONENTS TO BE COOLED AND CORRESPONDING COOLING METHOD  
[54] CIRCUIT DE REFROIDISSEMENT DE COMPOSANTS ET METHODE  
[72] GRABNER, MARTIN, DE  
[72] WITZANI, FRIEDRICH, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-03-01  
[41] 2004-09-07  
[30] DE (103 10 141.1) 2003-03-07

[21] **2,459,314**  
[13] A1

[51] Int.Cl. 7G01R 31/02 7H01Q 1/00 7H01Q 9/00 7G01R 1/04 7G01R 31/08  
[25] EN  
[54] SIGNAL LEAKAGE DETECTOR  
[54] DETECTEUR DE FUITE DE SIGNAL  
[72] TERREAU, GERARD, CA  
[72] LEWIS, JEAN, CA  
[72] GERBASI, RAPHAEL, CA  
[71] TERREAU, GERARD, CA  
[71] LEWIS, JEAN, CA  
[71] GERBASI, RAPHAEL, CA  
[22] 2004-03-03  
[41] 2004-09-05  
[30] US (60/451,653) 2003-03-05

[21] **2,459,316**  
[13] A1

[51] Int.Cl. 7C04B 38/00 7F24C 3/04 7F24C 15/06 7C04B 14/20  
[25] EN  
[54] INCORPORATION OF PARTICULATES INTO FIREPLACE ARTICLES  
[54] INCORPORATION DE PARTICULES DANS DES ARTICLES DE FOYER  
[72] EARLY, THOMAS ALFRED, US  
[72] SHOWALTER, GLEN JAMES, US  
[72] LYONS, DAVID CHARLES, US  
[72] PATITZ, THOMAS CLARK, US  
[71] HON TECHNOLOGY INC., US  
[22] 2004-03-01  
[41] 2004-09-06  
[30] US (10/384,498) 2003-03-06

[21] **2,459,397**  
[13] A1

[51] Int.Cl. 7B01D 39/04 7B01J 20/26 7C02F 1/40  
[25] EN  
[54] OIL-SORBING FILTER ELEMENT  
[54] ELEMENT DE FILTRE ABSORBANT  
[72] HERRICK, DOUGLAS E., US  
[72] DENTON, DONALD R., US  
[72] LANE, GEARY, US  
[72] MOHR, KIRBY S., US  
[71] PARKER-HANNIFIN CORPORATION, US  
[22] 2004-03-02  
[41] 2004-09-11  
[30] US (60/454,082) 2003-03-11

[21] **2,459,420**  
[13] A1

[51] Int.Cl. 7F24C 3/12 7F24C 3/00  
[25] EN  
[54] TOUCH SWITCH SYSTEM FOR A FIREPLACE  
[54] SYSTEME DE TOUCHES A EFFLEUREMENT POUR FOYER  
[72] BACHINSKI, THOMAS J., US  
[72] ROGERS, BRYNN DOUGLAS, US  
[72] OJA, DAVID J., US  
[71] HON TECHNOLOGY INC., US  
[22] 2004-03-01  
[41] 2004-09-06  
[30] US (10/384,407) 2003-03-06

[21] **2,459,439**  
[13] A1

[51] Int.Cl. 7F01N 1/10 7F01N 7/16 7F01N 7/18  
[25] EN  
[54] EXHAUST SILENCER FOR INTERNAL COMBUSTION ENGINE  
[54] SILENCIEUX POUR MOTEUR A COMBUSTION INTERNE  
[72] KOISHI, HIROAKI, JP  
[72] YAMAMOTO, KAZUO, JP  
[72] KAITA, KIHOKO, JP  
[72] YASUDA, KAZUHIRO, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2004-03-02  
[41] 2004-09-10  
[30] JP (2003-063102) 2003-03-10

[21] **2,459,441**  
[13] A1

[51] Int.Cl. 7G01R 31/327 7G01R 31/02  
[25] EN  
[54] POWER CIRCUIT TESTER APPARATUS AND METHOD  
[54] APPAREIL ET METHODE D'ESSAI DE CIRCUIT D'ALIMENTATION  
[72] PARKER, KEVIN L., US  
[72] ELMS, ROBERT T., US  
[72] FOLEY, BRENDAN A., US  
[71] EATON CORPORATION, US  
[22] 2004-03-03  
[41] 2004-09-06  
[30] US (10/382,940) 2003-03-06

[21] **2,459,443**  
[13] A1

[51] Int.Cl. 7E02B 8/00 7E03F 5/14 7E02B 7/16  
[25] EN  
[54] SCREENING APPARATUS  
[54] TAMIS DE DEGRILLAGE  
[72] MIDDLETON, DAVID GRANT, GB  
[71] MIDDLETON, DAVID GRANT, GB  
[22] 2004-03-03  
[41] 2004-09-06  
[30] GB (03 05 088.7) 2003-03-06

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 [13] A1

[51] Int.Cl. 7H04N 5/232 7G01C 11/02  
 [25] EN  
**[54] IMAGE COMPENSATION APPARATUS**  
**[54] APPAREIL DE COMPENSATION D'IMAGE**  
 [72] OKADA, HIROSHI, JP  
 [72] YOKOKURA, SHUICHI, JP  
 [71] FUJI JUKOGYO KABUSHIKI KAISHA, JP  
 [22] 2004-03-03  
 [41] 2004-09-05  
 [30] JP (2003-057990) 2003-03-05

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[21] **2,459,447**  
 [13] A1

[51] Int.Cl. 7B66B 5/00 7B66B 3/00 7B66B 13/00 7E05B 19/00 7E05B 65/00  
 [25] EN  
**[54] PREVENTING UNAUTHORIZED HOISTWAY ACCESS**  
**[54] PREVENTION D'ACCES NON AUTORISE A UNE CAGE D'ASCENSEUR**  
 [72] KOCHER, JOHANNES, CH  
 [71] INVENTIO AG, CH  
 [22] 2004-03-03  
 [41] 2004-09-05  
 [30] EP (03 405151.6) 2003-03-05

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 [13] A1

[51] Int.Cl. 7C08J 5/12 7C08F 10/00 7C08F 10/02 7C08L 23/04 7C08J 5/18 7B32B 31/20 7B32B 27/32  
 [25] EN  
**[54] METHOD FOR PRODUCING LAMINATED POROUS POLYOLEFIN FILM AND LAMINATED POROUS POLYOLEFIN FILM**  
**[54] METHODE DE PRODUCTION DE PELLICULES STRATIFIEES POREUSES DE POLYOLEFINE ET PELLICULE STRATIFIEE POREUSE DE POLYOLEFINE OBTENUE A L'AIDE DE LADITE METHODE**  
 [72] YAMADA, TAKESHI, JP  
 [72] KURODA, RYUMA, JP  
 [72] TAKATA, ATSUHIRO, JP  
 [71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
 [22] 2004-03-03  
 [41] 2004-09-06  
 [30] JP (2003-059607) 2003-03-06

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[21] **2,459,473**  
 [13] A1

[51] Int.Cl. 7F01D 25/12  
 [25] EN  
**[54] TURBOMACHINE WITH COOLED RING SEGMENTS**  
**[54] TURBOMACHINE A SEGMENTS D'ANNEAUX REFROIDIS**  
 [72] TAILLANT, JEAN CLAUDE CHRISTIAN, FR  
 [72] ARILLA, JEAN BAPTISTE, FR  
 [72] RODRIGUES, PAUL, FR  
 [72] ROSSET, PATRICE JEAN-MARC, FR  
 [72] MARCHI, MARC ROGER, FR  
 [71] SNECMA MOTEURS, FR  
 [22] 2004-03-03  
 [41] 2004-09-06  
 [30] FR (03 02783) 2003-03-06

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[21] **2,459,474**  
 [13] A1

[51] Int.Cl. 7H01M 4/88 7B01D 67/00 7B01D 71/00  
 [25] EN  
**[54] METHOD FOR PREPARING MEMBRANE ELETRODE ASSEMBLIES**  
**[54] METHODE POUR PREPARER DES ASSEMBLAGES MEMBRANE/ELECTRODE**  
 [72] CULP, THOMAS DUDLEY, US  
 [72] HEDHLI, LOTFI, US  
 [72] SILVERMAN, GARY STEPHEN, US  
 [72] ADJEMIAN, KEVORK TRO, US  
 [71] ATOFINA CHEMICALS, INC., US  
 [22] 2004-03-02  
 [41] 2004-09-06  
 [30] US (60/452,324) 2003-03-06  
 [30] US (10/773,822) 2004-02-06

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[21] **2,459,486**  
 [13] A1

[51] Int.Cl. 7B67D 5/00  
 [25] EN  
**[54] METHOD OF DISPENSING PARTICLES, A CONTAINER FILLED WITH PARTICLES IN ACCORDANCE WITH THE SAME METHOD, AND A PARTICLE FILLING LINE ARRANGED TO FILL CONTAINERS IN ACCORDANCE WITH THE SAME METHOD**  
**[54] METHODE DE DISTRIBUTION DE PARTICULES, CONTENANT REMPLI DE PARTICULES SUIVANT LA MEME METHODE, ET CHA-NE DE REMPLISSAGE DE PARTICULES DISPOSEE DE MANIERE A CHARGER LES CONTENANTS SUIVANT LA MEME METHODE**  
 [72] HUSS, TIMOTHY L., US  
 [71] XEROX CORPORATION, US  
 [22] 2004-03-02  
 [41] 2004-09-06  
 [30] US (10/383,348) 2003-03-06

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[21] **2,459,504**  
 [13] A1

[51] Int.Cl. 7B66B 7/04  
 [25] EN  
**[54] LIFT**  
**[54] ASCENSEUR**  
 [72] ACH, ERNST, CH  
 [72] SPIESS, PETER, CH  
 [72] SILBERHORN, GERT, CH  
 [71] INVENTIO AG, CH  
 [22] 2004-03-04  
 [41] 2004-09-06  
 [30] EP (03 405156.5) 2003-03-06

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[21] **2,459,512**  
 [13] A1

[51] Int.Cl. 7B25B 13/00  
 [25] EN  
**[54] ROTARY TOOL**  
**[54] OUTIL ROTATIF**  
 [72] COLANGELO, LOUIS J., III, US  
 [72] SEITH, WARREN A., US  
 [71] INGERSOLL-RAND COMPANY, US  
 [22] 2004-03-04  
 [41] 2004-09-07  
 [30] US (10/384,447) 2003-03-07

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[21] **2,459,519**  
 [13] A1  
 [51] Int.Cl. 7A61K 9/20 7A61J 3/00 7A61J  
 7/00  
 [25] EN  
 [54] SOLID, ACCURATELY DOSABLE  
 PHARMACEUTICAL PRESENTATIONS  
 FOR INDIVIDUAL DISPENSING FROM  
 DOSING DEVICES AND METHODS  
 THEREOF  
 [54] COMPOSITIONS  
 PHARMACEUTIQUES SOLIDES ET  
 FACILES A DOSER DE MANIERE  
 EXACTE AUX FINS DE DISTRIBUTION  
 INDIVIDUELLE A L'AIDE DE  
 DISPOSITIFS DE DOSAGE ET  
 METHODES CONNEXES  
 [72] LUEDEMANN, JAN, DE  
 [72] MOEST, THOMAS, DE  
 [72] LAEMMERHIRT, KLAUS, DE  
 [71] NORDMARK ARZNEIMITTEL  
 GMBH & CO., KG, DE  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] DE (103 09 473.3) 2003-03-05

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[21] **2,459,521**  
 [13] A1  
 [51] Int.Cl. 7F24B 13/02 7F24C 15/06  
 7F24B 1/195  
 [25] EN  
 [54] MASONRY STRUCTURE  
 [54] STRUCTURE DE MACONNERIE  
 [72] HUSTED, MARTIN D., US  
 [72] KLEIN, DARIN J., US  
 [72] GARCIA, ESAUL, US  
 [71] DESA FMI, LLC, US  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] US (60/452,478) 2003-03-05

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[21] **2,459,594**  
 [13] A1  
 [51] Int.Cl. 7F23J 1/02 7F23J 1/04 7F24B  
 1/191  
 [25] EN  
 [54] MULTI-TRAY FIREPLACE TRAY  
 SYSTEM  
 [54] SYSTEME A PLATEAUX  
 MULTIPLES POUR FOYER  
 [72] LEE, JAMES F., US  
 [71] LEE, JAMES F., US  
 [22] 2004-03-04  
 [41] 2004-09-07  
 [30] US (10/383,355) 2003-03-07

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[21] **2,459,595**  
 [13] A1  
 [51] Int.Cl. 7C08G 18/02 7C07C 263/00  
 7C08G 18/09 7C07C 265/14 7C08G 18/16  
 7C08G 18/20  
 [25] EN  
 [54] PROCESS FOR PREPARING LOW-  
 ODOR AND STORAGE-STABLE  
 MONOMER-CONTAINING  
 POLYISOCYANURATES BASED ON  
 ISOPHORONE DIISOCYANATE  
 [54] PROCEDE DE PREPARATION DE  
 POLYISOCYANURATES A BASE DE  
 DIISOCYANATE D'ISOPHORONE  
 RENFERMANT DES MONOMERES,  
 ENTREPOSABLES ET PEU ODORANT  
 [72] KOHLSTRUK, STEPHAN, DE  
 [72] ELM, RAINER, DE  
 [72] KREJCZINSKI, MANFRED, DE  
 [71] DEGUSSA AKTIENGESELLSCHAFT,  
 DE  
 [22] 2004-03-03  
 [41] 2004-09-05  
 [30] DE (10309432.6) 2003-03-05

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[21] **2,459,597**  
 [13] A1  
 [51] Int.Cl. 7F24C 3/08 7F23D 14/22  
 [25] EN  
 [54] AIR-INLET ASSEMBLY FOR A  
 GAS COOKING APPLIANCE  
 [54] PRISE D'AIR POUR APPAREIL DE  
 CUISSON AU GAZ  
 [72] LITTLE, DERRICK DOUGLAS, US  
 [72] GRAVEN, ERICK PAUL, US  
 [71] GENERAL ELECTRIC COMPANY,  
 US  
 [22] 2004-03-04  
 [41] 2004-09-06  
 [30] US (10/248,973) 2003-03-06

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[21] **2,459,616**  
 [13] A1  
 [51] Int.Cl. 7B65D 85/00 7B65D 83/00  
 7B41J 2/175  
 [25] EN  
 [54] LIQUID CONTAINER, LIQUID  
 EJECTION DEVICE AND LIQUID  
 CONTAINER CASE  
 [54] RESERVOIR A LIQUIDE,  
 DISPOSITIF D'EJECTION DE LIQUIDE  
 ET CAISSE A RESERVOIR  
 [72] ISHIZAWA, TAKU, JP  
 [72] SEINO, TAKEO, JP  
 [72] KIMURA, HITOTOSHI, JP  
 [71] SEIKO EPSON CORPORATION, JP  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] JP (2003-059020) 2003-03-05  
 [30] JP (2004-031293) 2004-02-06

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[21] **2,459,620**  
 [13] A1  
 [51] Int.Cl. 7B05D 1/12 7B05B 12/00  
 7B05C 19/02  
 [25] EN  
 [54] POWDER TRANSPORT METHOD  
 AND APPARATUS  
 [54] METHODE ET DISPOSITIF DE  
 TRANSPORT DE POUDRE  
 [72] JOHNSON, JEFFREY C., US  
 [72] JOYCE, JEFFREY, US  
 [71] HADEN SCHWEITZER  
 CORPORATION, US  
 [22] 2004-03-04  
 [41] 2004-09-07  
 [30] US (10/384,381) 2003-03-07

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[21] **2,459,630**  
 [13] A1  
 [51] Int.Cl. 7F16H 55/02 7B60R 7/00  
 7B60R 3/02 7B60R 1/062 7F16H 55/17  
 7F16H 55/26  
 [25] EN  
 [54] MOTORIZED RACK AND PINION  
 ASSEMBLY

[54] ENSEMBLE DE PIGNON ET  
 CREMAILLERE MOTORISE  
 [72] SMITH, RICK, CA  
 [72] KEITH, NATHAN, CA  
 [72] BRADSEN, ROSS, CA  
 [72] STEGELMEIER, ULRICH, CA  
 [72] WALE, SHAWN, CA  
 [71] ALGONQUIN AUTOMOTIVE, CA  
 [22] 2004-03-02  
 [41] 2004-09-06  
 [30] US (10/383,185) 2003-03-06

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[21] **2,459,644**  
 [13] A1  
 [51] Int.Cl. 7B65D 51/20 7A61J 1/00  
 7B65D 81/20  
 [25] EN  
 [54] TRANSFER DEVICE  
 [54] DISPOSITIF DE TRANSFERT  
 [72] JANSEN, HUBERT, DE  
 [72] WORTMANN, UWE, DE  
 [71] AVENTIS BEHRING GMBH, DE  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] DE (10309796.1) 2003-03-05

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[21] **2,459,649**  
 [13] A1

[51] Int.Cl. 7A61J 1/20  
 [25] EN  
**[54] TRANSFER DEVICE, IN PARTICULAR FOR MEDICAL FLUIDS**  
 [54] DISPOSITIF DE TRANSFERT, PARTICULIÈREMENT POUR DES FLUIDES MEDICAUX  
 [72] JANSEN, HUBERT, DE  
 [72] WORTMANN, UWE, DE  
 [71] AVENTIS BEHRING GMBH, DE  
 [22] 2004-03-04  
 [41] 2004-09-06  
 [30] DE (10310110.1) 2003-03-06

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[21] **2,459,658**  
 [13] A1

[51] Int.Cl. 7C08F 4/60 7C08F 2/00 7B01J 37/00 7C08F 4/04 7C08F 4/42 7C08F 4/70  
 [25] EN  
**[54] PROCESS FOR THE PRODUCTION OF AN AZO-CATALYST FOR THE POLYMERIZATION OF OLEFINS**  
 [54] PROCEDE DE PRODUCTION D'UN CATALYSEUR AZOIQUE POUR LA POLYMERISATION D'OLEFINES  
 [72] WEISS, THOMAS, DE  
 [71] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 2004-03-05  
 [41] 2004-09-10  
 [30] DE (10310289.2) 2003-03-10

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[21] **2,459,664**  
 [13] A1

[51] Int.Cl. 7E05F 11/04 7E05F 7/00 7E06B 3/48 7E06B 3/50  
 [25] EN  
**[54] GARAGE DOOR MOVEMENT APPARATUS**  
 [54] DISPOSITIF DE DEPLACEMENT DE PORTE DE GARAGE  
 [72] OLMSTEAD, ROBERT J., US  
 [71] THE CHAMBERLAIN GROUP, INC., US  
 [22] 2004-03-04  
 [41] 2004-09-10  
 [30] US (10/385,017) 2003-03-10

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[21] **2,459,652**  
 [13] A1

[51] Int.Cl. 7B61H 13/34 7F04B 49/00 7H02P 7/00 7F04B 49/06 7B60T 13/26  
 [25] EN  
**[54] COMPRESSED AIR SYSTEM UTILIZING A MOTOR SLIP PARAMETER**  
 [54] SYSTEME D'AIR COMPRIME UTILISANT UN PARAMETRE DE GLISSEMENT DE MOTEUR  
 [72] KISAK, JEFFREY JAMES, US  
 [72] DEAN, JASON ARTHUR, US  
 [72] LINEBACH, MARK ALAN, US  
 [72] BLILEY, RICHARD GERALD, US  
 [72] PELKOWSKI, STEPHEN MATTHEW, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2004-03-04  
 [41] 2004-09-06  
 [30] US (60/452,625) 2003-03-06  
 [30] US (10/767,026) 2004-01-29

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[21] **2,459,659**  
 [13] A1

[51] Int.Cl. 7B61H 13/34 7F04B 49/00 7F04B 49/06 7G05D 16/20 7B60T 13/26  
 [25] EN  
**[54] COMPRESSED AIR SYSTEM AND METHOD OF CONTROL**  
 [54] SYSTEME D'AIR COMPRIME ET METHODE DE COMMANDE  
 [72] BLILEY, RICHARD GERALD, US  
 [72] LINEBACH, MARK ALAN, US  
 [72] DEAN, JASON ARTHUR, US  
 [72] KISAK, JEFFREY JAMES, US  
 [72] PELKOWSKI, STEPHEN MATTHEW, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2004-03-04  
 [41] 2004-09-06  
 [30] US (60/452,621) 2003-03-06  
 [30] US (10/770,945) 2004-02-03

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[21] **2,459,665**  
 [13] A1

[51] Int.Cl. 7C02F 1/44 7C02F 1/00  
 [25] EN  
**[54] FILTERING METHOD**  
 [54] METHODE DE FILTRAGE  
 [72] MURATA, NAOKI, JP  
 [72] YONEKAWA, HITOSHI, JP  
 [72] OYACHI, HIROYUKI, JP  
 [72] AOKI, NOBUHIRO, JP  
 [71] NGK INSULATORS, LTD., JP  
 [22] 2004-03-05  
 [41] 2004-09-10  
 [30] JP (2003-063414) 2003-03-10

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[21] **2,459,657**  
 [13] A1

[51] Int.Cl. 7B65D 33/20 7B65B 51/02 7B32B 15/08 7B65B 7/08 7B65D 30/08 7B32B 7/14 7B65D 30/14  
 [25] EN  
**[54] BAG HAVING RECLOSEABLE SEAL AND ASSOCIATED METHODS**  
 [54] SAC REFERMABLE ET METHODES CONNEXES  
 [72] SOLOMON, GEORGE, US  
 [72] WOODHAM, L. ROSEANN, US  
 [72] SULLIVAN, DEBRA L., US  
 [72] MCLELLAN, ALFRED A., US  
 [71] EXOPACK, LLC, US  
 [22] 2004-03-02  
 [41] 2004-09-07  
 [30] US (10/383,929) 2003-03-07

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[21] **2,459,662**  
 [13] A1

[51] Int.Cl. 7B65D 25/22 7B29C 45/00  
 [25] EN  
**[54] MAGNETIZED BEVERAGE CONTAINER HOLDER**  
 [54] PORTE-CONTENANT DE BOISSONS AIMANTE  
 [72] MITCHELL, JED D., US  
 [71] ELWARD SYSTEMS CORPORATION, US  
 [22] 2004-03-05  
 [41] 2004-09-05  
 [30] US (10/382,459) 2003-03-05

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[21] **2,459,672**  
 [13] A1

[51] Int.Cl. 7C09K 7/02  
 [25] EN  
**[54] ORGANOSILICON CONTAINING COMPOSITIONS FOR ENHANCING HYDROCARBON PRODUCTION AND METHOD OF USING THE SAME**  
 [54] COMPOSITIONS RENFERMANT DES COMPOSES ORGANOSILICIES POUR AMELIORER LA PRODUCTION D'HYDROCARBURES ET METHODE POUR LES UTILISER  
 [72] DAWSON, JEFFREY C., US  
 [72] KALFAYAN, LEONARD J., US  
 [71] BJ SERVICES COMPANY, US  
 [22] 2004-03-05  
 [41] 2004-09-10  
 [30] US (10/386,160) 2003-03-10

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**5 septembre 2004 au 11 septembre 2004**

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[21] **2,459,678**  
[13] A1

[51] Int.Cl. 7B26B 19/04  
[25] EN  
[54] A RECIPROCATING TYPE ELECTRIC SHAVER  
[54] RASOIR ELECTRIQUE A MOUVEMENT DE VA-ET-VIENT  
[72] UCHIYAMA, HIROMI, JP  
[71] IZUMI PRODUCTS COMPANY, JP  
[22] 2004-03-04  
[41] 2004-09-07  
[30] JP (2003-61241) 2003-03-07

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[21] **2,459,679**  
[13] A1

[51] Int.Cl. 7B25B 19/00  
[25] EN  
[54] DRIVE SYSTEM HAVING AN INERTIAL VALVE  
[54] SYSTEME D'ENTRAINEMENT A SOUPAPE INERTIELLE  
[72] SEITH, WARREN A., US  
[72] COLANGELO III, LOUIS J., US  
[71] INGERSOLL-RAND COMPANY, US  
[22] 2004-03-04  
[41] 2004-09-07  
[30] US (10/384,446) 2003-03-07

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[21] **2,459,680**  
[13] A1

[51] Int.Cl. 7C01B 17/96 7C01B 9/00  
7C01B 9/02 7C01B 9/08 7C01B 11/18  
[25] EN  
[54] SOLVENT EXTRACTION OF A HALIDE FROM AN AQUEOUS SULPHATE SOLUTION  
[54] EXTRACTION AU SOLVANT D'UN HALOGENURE D'UNE SOLUTION AQUEUSE DE SULFATE  
[72] GRINBAUM, BARUCH, IL  
[72] MASON, CASHMAN R. S., CA  
[72] HARLAMOVIS, JURIS R., CA  
[72] DREISINGER, DAVID B., CA  
[71] TECK COMINCO METALS LTD., CA  
[22] 2004-03-02  
[41] 2004-09-10  
[30] US (10/383,774) 2003-03-10

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[21] **2,459,685**  
[13] A1

[51] Int.Cl. 7B60T 13/16  
[25] EN  
[54] A PUMP SYSTEM FOR PARKING BRAKES FOR A RAIL VEHICLE  
[54] CIRCUIT A POMPE POUR FREIN D'IMMOBILISATION DE VEHICULE FERROVIAIRE  
[72] HUBER, JR., HOWARD E., US  
[72] NEWTON, STEVEN R., US  
[72] SAUTER, JEFFREY F., US  
[72] NEULIEB, ROBERT L., US  
[71] NEW YORK AIR BRAKE CORPORATION, US  
[22] 2004-03-04  
[41] 2004-09-05  
[30] US (60/451,717) 2003-03-05

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[21] **2,459,694**  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] COHERENT DATA SHARING  
[54] PARTAGE DE DONNEES COHERENTES  
[72] LAVOIE, MARTIN, CA  
[72] DIONNE, CARL, CA  
[71] QUAZAL TECHNOLOGIES INC., CA  
[22] 2004-03-04  
[41] 2004-09-05  
[30] GB (0305004.4) 2003-03-05

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[21] **2,459,792**  
[13] A1

[51] Int.Cl. 7B01J 19/24 7B01J 3/03 7B01J 19/12  
[25] EN  
[54] CONTROLLED PRESSURE RELEASE VESSEL FOR MICROWAVE ASSISTED CHEMISTRY  
[54] RECIPIENT A LIBERATION DE PRESSION CONTROLEE POUR LA CHIMIE ASSISTEE PAR MICRO-ONDES  
[72] HARGETT, WYATT P., JR., US  
[71] CEM CORPORATION, US  
[22] 2004-03-05  
[41] 2004-09-10  
[30] US (10/249,011) 2003-03-10

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[21] **2,459,804**  
[13] A1

[51] Int.Cl. 7G01V 3/08 7G08C 25/00  
[25] EN  
[54] INDUCTIVE LOOP DETECTOR WITH AUTOMATIC FREQUENCY CHANGE  
[54] DETECTEUR A BOUCLE INDUCTIVE AVEC CHANGEMENT DE FREQUENCE AUTOMATIQUE  
[72] PEREZ, DANIEL, US  
[72] PARSADAYAN, WALTER, US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2004-03-05  
[41] 2004-09-11  
[30] US (10/386,968) 2003-03-11

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[21] **2,459,691**  
[13] A1

[51] Int.Cl. 7F16J 15/10 7H01M 2/08  
[25] EN  
[54] SEAL FEATURE TO PREVENT BENDING  
[54] JOINT D'ETANCHEITE QUI EMPECHE LA FLEXION  
[72] KOCH, STEVE GEORGE, US  
[71] FREUDENBERG-NOK GENERAL PARTNERSHIP, US  
[22] 2004-03-04  
[41] 2004-09-05  
[30] US (60/452,013) 2003-03-05  
[30] US (UNKNOWN) 2004-03-02

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**September 5 2004 to September 11, 2004**

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[21] **2,459,808**  
 [13] A1

[51] Int.Cl. 7H01M 2/20 7H01M 8/00  
 7H01M 2/32 7H01R 4/58  
 [25] EN  
 [54] ELECTRICAL CONTACTING DEVICE FOR A FUEL CELL  
 [54] CONTACTEUR POUR PILE A COMBUSTIBLE  
 [72] HO, WENDY WAN YAN, CA  
 [72] BARTON, RUSSELL H., CA  
 [72] FARRINGTON, SIMON, CA  
 [72] MALONE, MAURA H., CA  
 [71] BALLARD POWER SYSTEMS INC., CA  
 [22] 2004-03-05  
 [41] 2004-09-06  
 [30] US (10/384,399) 2003-03-06

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[21] **2,459,812**  
 [13] A1

[51] Int.Cl. 7A23L 1/10 7A21D 10/00  
 7A21D 8/02 7A23L 1/16  
 [25] EN  
 [54] FLOUR COMPOSITION CONTAINING NON-WHEAT CEREAL COMPONENTS, AND PASTA NOODLES PRODUCED THEREFROM  
 [54] COMPOSITION DE FARINE RENFERMANT DES COMPOSANTS DE CEREALES AUTRES QUE DU BLE ET PATES ALIMENTAIRES PRODUITES AVEC CELLE-CI  
 [72] WANG, SHING-JUNG, TW  
 [71] STANDARD FOOD CORPORATION, XX  
 [22] 2004-03-05  
 [41] 2004-09-07  
 [30] TW (92104950) 2003-03-07

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[21] **2,459,817**  
 [13] A1

[51] Int.Cl. 7H01J 61/06 7H05B 41/00  
 [25] EN  
 [54] DISCHARGE LAMP FOR DIELECTRIC BARRIER DISCHARGES, WITH DISCHARGE ELETRODE SECTIONS WHICH OVERHANG SUCH THAT THEY SPRING BACK  
 [54] LAMPE A DECHARGE A BARRIERE DIELECTRIQUE AVEC DES SECTIONS D'ELECTRODE DE DECHARGE QUI CHEVAUCHENT DE FACON A PRODUIRE UN EFFET DE RESSORT  
 [72] VOLLKOMMER, FRANK, DE  
 [72] HITZSCHKE, LOTHAR, DE  
 [71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
 [22] 2004-03-05  
 [41] 2004-09-07  
 [30] DE (103 10 144.6) 2003-03-07

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[21] **2,459,824**  
 [13] A1

[51] Int.Cl. 7C11D 3/18 7C11D 1/831  
 [25] EN  
 [54] CLEANING COMPOSITION WITH TERPENE AND HYDROGEN PEROXIDE  
 [54] COMPOSITION D'UN PRODUIT DE NETTOYAGE CONTENANT UN TERPENE ET DU PEROXYDE D'HYDROGÈNE  
 [72] JOHNSON, LOUIS B., US  
 [71] JOHNSON, LOUIS B., US  
 [22] 2004-03-05  
 [41] 2004-09-11  
 [30] US (60/453,203) 2003-03-11  
 [30] US (10/704,706) 2003-11-12

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[21] **2,459,863**  
 [13] A1

[51] Int.Cl. 7B65B 11/04  
 [25] EN  
 [54] ARRANGEMENT FOR WRAPPING A BALE WITH WRAPPING MATERIAL  
 [54] DISPOSITIF D'ENRUBANNAGE DE BALLE AVEC MATERIAU D'ENRUBANNAGE  
 [72] VIAUD, JEAN, FR  
 [71] DEERE & COMPANY, US  
 [22] 2004-03-05  
 [41] 2004-09-06  
 [30] DE (103 09 657.4) 2003-03-06

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[21] **2,459,896**  
 [13] A1

[51] Int.Cl. 7A61K 49/06 7A61B 5/055  
 [25] EN  
 [54] A METHOD FOR EVALUATION OF TISSUE ADHESION LEVEL  
 [54] METHODE D'EVALUATION DU NIVEAU D'ADHESION DES TISSUS  
 [72] COUTTS, RICHARD DAVID, US  
 [72] AMIEL, DAVID, US  
 [71] SEIKAGAKU CORPORATION, JP  
 [22] 2004-03-05  
 [41] 2004-09-07  
 [30] US (60/452,560) 2003-03-07

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[21] **2,459,898**  
 [13] A1

[51] Int.Cl. 7F23M 7/00 7F24C 15/02  
 7F24B 1/192  
 [25] EN  
 [54] AUTOMATIC DOORS FOR A FIREPLACE  
 [54] PORTES AUTOMATIQUES POUR FOYER  
 [72] WADDELL, ROBERT SAMUEL, US  
 [72] BACHINSKI, THOMAS J., US  
 [72] ROGERS, BRYNN DOUGLAS, US  
 [72] MILLER, DAVID JON, US  
 [71] HON TECHNOLOGY INC., US  
 [22] 2004-03-05  
 [41] 2004-09-06  
 [30] US (60/453,020) 2003-03-06

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[21] **2,459,839**  
 [13] A1

[51] Int.Cl. 7E21B 3/04 7E21B 19/16  
 [25] EN  
 [54] METHODS AND APPARATUS FOR CONNECTING TUBULARS WHILE DRILLING  
 [54] METHODES ET DISPOSITIFS DE BRANCHEMENT DE TUBULAIRES PENDANT LE FORAGE  
 [72] HAUGEN, DAVID M., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-03-05  
 [41] 2004-09-05  
 [30] US (10/382,080) 2003-03-05

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[21] 2,459,900
[13] A1
<b>[51] Int.Cl. 7A01D 75/00</b>
[25] EN
<b>[54] CONTROL ARRANGEMENT FOR CROP DISCHARGING DEVICE OF AN AGRICULTURAL HARVESTING MACHINE</b>
<b>[54] COMMANDE POUR DISPOSITIF DE DECHARGEMENT D'UNE RECOLTEUSE</b>
[72] VOGELGESANG, CLAUS JOSEF, DE
[72] SCHAEFER, PETER, DE
[71] DEERE & COMPANY, US
[22] 2004-03-05
[41] 2004-09-06
[30] DE (103 09 700.7) 2003-03-06

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[21] 2,459,916
[13] A1
<b>[51] Int.Cl. 7A21D 2/18</b>
[25] EN
<b>[54] BREAD-MAKING ADDITIVE AND BREAD-MAKING COMPOSITION</b>
<b>[54] ADDITIF DE PANIFICATION ET COMPOSE DE PANIFICATION</b>
[72] TAKEYA, KOJI, JP
[72] YAGISHITA, TAKAHIRO, JP
[72] MOTOI, HIROFUMI, JP
[72] KIKUCHI, YOSUKE, JP
[71] NISSHIN SEIFUN GROUP INC., JP
[22] 2004-03-05
[41] 2004-09-10
[30] JP (2003-062843) 2003-03-10
[30] JP (2003-401015) 2003-12-01

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[21] 2,459,997
[13] A1
<b>[51] Int.Cl. 7B66B 1/28</b>
[25] EN
<b>[54] METHOD FOR THE OPERATION OF A LIFT INSTALLATION</b>
<b>[54] METHODE D'EXPLOITATION D'UNE INSTALLATION DE LEVAGE</b>
[72] FINSCHI, LUKAS, CH
[71] INVENTIO AG, CH
[22] 2004-03-08
[41] 2004-09-10
[30] EP (03405163.1) 2003-03-10

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[21] 2,459,905
[13] A1
<b>[51] Int.Cl. 7F24C 15/06 7F24B 13/00</b>
<b>7F21V 33/00 7F21V 15/06</b>
[25] EN
<b>[54] BACKLIGHTING SYSTEM FOR A FIREPLACE</b>
<b>[54] SYSTEME D'ECLAIRAGE EN CONTRE-JOUR POUR FOYER</b>
[72] WADDELL, ROBERT SAMUEL, US
[72] BERG, RICHARD, US
[72] JEUTTER, SCOTT STEPHEN, US
[72] SCHWIE, KURT MATTHEW, US
[72] BACHINSKI, THOMAS J., US
[72] LYONS, DAVID CHARLES, US
[71] HON TECHNOLOGY INC., US
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[41] 2004-09-06
[30] US (60/453,019) 2003-03-06
[30] US (10/718,037) 2003-11-19

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[13] A1
<b>[51] Int.Cl. 7E04B 1/10 7E04B 2/70</b>
[25] EN
<b>[54] SYSTEM OF INTERLOCKING WALL AND CORNER COMPONENTS FOR CONSTRUCTION OF BUILDINGS</b>
<b>[54] SYSTEME D'INTERBLOCAGE D'ELEMENTS MURAUX ET D'ELEMENTS ANGULAIRES POUR CONSTRUCTION DE BATIMENTS</b>
[72] POSSELT, KLAUS, CA
[71] POSSELT, KLAUS, CA
[22] 2004-03-05
[41] 2004-09-11
[30] US (60/453,212) 2003-03-11

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[21] 2,460,050
[13] A1
<b>[51] Int.Cl. 7E04H 1/12 7B62D 63/06</b>
<b>7B60P 3/34 7E04H 15/42 7E04H 15/44</b>
[25] EN
<b>[54] COLLAPSIBLE FRAME ASSEMBLY</b>
<b>[54] CHASSIS PLIABLE</b>
[72] BOUCHARD, GEORGES, CA
[71] 3607933 CANADA INC, CA
[22] 2004-03-08
[41] 2004-09-07
[30] CA (2,420,345) 2003-03-07

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[13] A1
<b>[51] Int.Cl. 7F23J 13/08 7F24C 15/00</b>
<b>7F24C 3/12</b>
[25] EN
<b>[54] PRESSURE RELIEF SYSTEM FOR A GAS FIREPLACE</b>
<b>[54] DISPOSITIF DE DECOMPRESSION POUR FOYER A GAZ</b>
[72] WELLS, JACK J., US
[72] HENRY, DANIEL S., US
[71] HON TECHNOLOGY INC., US
[22] 2004-03-05
[41] 2004-09-06
[30] US (10/384,376) 2003-03-06

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[13] A1
<b>[51] Int.Cl. 7G06F 3/14 7E05B 47/00</b>
<b>7G06F 19/00</b>
[25] EN
<b>[54] SECURITY SYSTEM USER INTERFACE WITH VIDEO DISPLAY</b>
<b>[54] INTERFACE UTILISATEUR DE SYSTEME DE SECURITE AVEC ECRAN D'AFFICHAGE</b>
[72] HERSHKOVITZ, SHMUEL, BS
[72] ANGLEHART, JAMES, CA
[71] HERSHKOVITZ, SHMUEL, BS
[22] 2004-03-05
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[30] CA (2,420,923) 2003-03-05

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[21] 2,460,077
[13] A1
<b>[51] Int.Cl. 7A47L 5/38 7A47L 9/00 7A47L 9/10</b>
[25] EN
<b>[54] VACUUM CANISTER AND MOUNTING BRACKET FOR USE THEREWITH</b>
<b>[54] CAISSON SOUS VIDE ET SUPPORT DE FIXATION ASSOCIE</b>
[72] SMITH, JAMES F., US
[72] NIESCHWITZ, DARREL V., US
[72] GABRIC, ANDREW L., US
[71] H-P PRODUCTS, INC., US
[22] 2004-03-08
[41] 2004-09-07
[30] US (10/384,022) 2003-03-07

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[51] Int.Cl. 7G01F 1/00 7E21B 47/00  
 7G01N 9/32 7G01F 1/66  
 [25] EN  
 [54] DEPLOYABLE MANDREL FOR  
 DOWNHOLE MEASUREMENTS  
 [54] MANDRIN DEPLOYABLE POUR  
 MESURES DE FOND  
 [72] FERGUSON, STUART E., US  
 [72] GYSLING, DANIEL L., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-03-08  
 [41] 2004-09-07  
 [30] US (10/384,269) 2003-03-07

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[21] **2,460,081**  
 [13] A1

[51] Int.Cl. 7E01F 5/00 7E02D 29/00  
 7E21D 9/00  
 [25] EN  
 [54] REINFORCED SOIL ARCH  
 [54] ARCHE DE SOL RENFORCEE  
 [72] VANBUSKIRK, CALVIN D., CA  
 [72] NEDEN, RONALD J., CA  
 [71] TERRATECH CONSULTING LTD.,  
 CA  
 [22] 2004-03-08  
 [41] 2004-09-10  
 [30] US (60/452949) 2003-03-10  
 [30] US (10/614259) 2003-07-08

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 [13] A1

[51] Int.Cl. 7G05B 11/00 7B25B 21/00  
 7B25B 31/00 7G05B 19/042  
 [25] EN  
 [54] FASTENING APPARATUS AND  
 METHOD  
 [54] DISPOSITIF ET METHODE DE  
 FIXATION  
 [72] SEITH, WARREN A., US  
 [72] MCCALLOPS, JOHN A., US  
 [71] INGERSOLL-RAND COMPANY, US  
 [22] 2004-03-03  
 [41] 2004-09-06  
 [30] US (10/383,016) 2003-03-06

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[21] **2,460,110**  
 [13] A1

[51] Int.Cl. 7H04Q 7/36  
 [25] EN  
 [54] METHOD AND SYSTEM FOR  
 PROVIDING DATA SERVICES TO  
 MOBILE COMMUNICATION  
 TERMINALS AND MOBILE  
 COMMUNICATION TERMINAL  
 THEREFOR  
 [54] METHODE ET SYSTEME POUR  
 FOURNIR DES SERVICES DE  
 DONNEES A DES TERMINAUX DE  
 COMMUNICATION MOBILES ET  
 TERMINAL DE COMMUNICATION  
 MOBILE EN CAUSE  
 [72] KWON, SOON-HYUN, KR  
 [72] KIM, HAENG-WOO, KR  
 [71] SAMSUNG ELECTRIC CO., LTD., KR  
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 [41] 2004-09-07  
 [30] KR (14497/2003) 2003-03-07  
 [30] KR (52203/2003) 2003-07-29

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[21] **2,460,113**  
 [13] A1

[51] Int.Cl. 7E05B 47/00 7G06F 19/00  
 [25] EN  
 [54] SECURITY CODE LEARNING  
 METHOD AND APPARATUS  
 [54] METHODE ET DISPOSITIF  
 D'APPRENTISSAGE DE CODES DE  
 SECURITE  
 [72] DOMENZ, MERYLDINE, US  
 [72] FITZGIBBON, JAMES J., US  
 [71] THE CHAMBERLAIN GROUP, INC.,  
 US  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] US (10/379,875) 2003-03-05

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[21] **2,460,216**  
 [13] A1

[51] Int.Cl. 7A47F 3/14  
 [25] EN  
 [54] ADJUSTABLE PRODUCT DISPLAY  
 RACK WITH EXTENSION PANEL  
 [54] PRESENTOIR REGLABLE AVEC  
 PANNEAU D'EXTENSION  
 [72] NAGEL, THOMAS O., US  
 [71] TRION INDUSTRIES, INC., US  
 [22] 2004-03-08  
 [41] 2004-09-07  
 [30] US (10/384,255) 2003-03-07

[21] **2,460,219**  
 [13] A1

[51] Int.Cl. 7E21B 33/12 7E21B 37/02  
 [25] EN  
 [54] PACKER WITH INTEGRAL  
 CLEANING DEVICE  
 [54] EMBALLEUSE AVEC DISPOSITIF  
 DE NETTOYAGE INTEGRÉ  
 [72] HIRTH, DAVID E., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-03-05  
 [41] 2004-09-10  
 [30] US (10/386,162) 2003-03-10

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[21] **2,460,228**  
 [13] A1

[51] Int.Cl. 7B65D 47/06 7B65D 47/32  
 7B65D 25/40  
 [25] EN  
 [54] SOLVENT IDENTIFICATION  
 BOTTLE WITH ADJUSTABLE  
 DISPENSING FEATURE  
 [54] BONBONNE A IDENTIFICATION  
 DE SOLVANT AVEC DISTRIBUTEUR  
 REGLABLE  
 [72] LEONCAVALLO, RICHARD A., US  
 [72] DELORME, JOHN D., US  
 [71] NALGE NUNC INTERNATIONAL  
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 [22] 2004-03-08  
 [41] 2004-09-07  
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[21] **2,460,231**  
 [13] A1

[51] Int.Cl. 7B65D 50/00 7B65D 55/02  
 [25] EN  
 [54] CLOSURE AND CONTAINER  
 PACKAGE HAVING CHILD-  
 RESISTANT AND NON-CHILD-  
 RESISTANT MODES OF OPERATION  
 [54] DISPOSITIF DE FERMETURE ET  
 EMBALLAGE DE CONTENANT AVEC  
 OU SANS MODE D'UTILISATION A  
 L'EPREUVE DES ENFANTS  
 [72] KONEFAL, ROBERT S., US  
 [71] OWENS-ILLINOIS PRESCRIPTION  
 PRODUCTS INC., US  
 [22] 2004-03-09  
 [41] 2004-09-10  
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 [13] A1

[51] Int.Cl. 7B65D 90/62 7B65D 90/66  
 [25] EN  
 [54] RETRACTABLE COVER APPARATUS FOR OUTDOOR STORAGE BINS  
 [54] COUVERCLE ESCAMOTABLE POUR COMPARTIMENT DE STOCKAGE  
 [72] REISSLER, ALOIS, CA  
 [71] REISSLER, ALOIS, CA  
 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] US (10/383,721) 2003-03-10

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[21] 2,460,267  
 [13] A1

[51] Int.Cl. 7E05F 15/18  
 [25] EN  
 [54] GATE OPERATOR WITH SPEED AND TORQUE CONTROL  
 [54] DISPOSITIF DE FERMETURE DE PORTE AVEC ASSERVISSEMENT DE VITESSE ET DE COUPLE  
 [72] PARASADAYAN, WALTER, US  
 [72] HOM, WAYNE C., US  
 [71] THE CHAMBERLAIN GROUP, INC., US  
 [22] 2004-03-05  
 [41] 2004-09-11  
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[21] 2,460,277  
 [13] A1

[51] Int.Cl. 7A62B 15/00 7E04H 9/10  
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 [25] EN  
 [54] A SYSTEM AND METHOD FOR STORING AND DEPLOYING A SOFT SHELTER FOR PROTECTION AGAINST NBC WARFARE  
 [54] SYSTEME ET METHODE D'ENTREPOSAGE ET DEPLOIEMENT D'UN ABRI LEGER DE PROTECTION NUCLEAIRE, BIOLOGIQUE ET CHIMIQUE  
 [72] FUCHS, ALBRECHT, IL  
 [72] BAYER, REINHOLD, IL  
 [71] BETH-EL ZIKHRON-YA'AQOV INDUSTRIES LTD., IL  
 [22] 2004-03-05  
 [41] 2004-09-09  
 [30] IL (154,818) 2003-03-09

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[21] 2,460,294  
 [13] A1

[51] Int.Cl. 7A61F 2/28  
 [25] EN  
 [54] FEMORAL PROSTHESIS  
 [54] PROTHESE FEMORALE  
 [72] DELOGE, NICOLAS, FR  
 [72] PICHON, DENIS, FR  
 [72] CUEILLE, CHRISTOPHE, FR  
 [71] BENOIST GIRARD SAS, FR  
 [22] 2004-03-09  
 [41] 2004-09-10  
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 [13] A1

[51] Int.Cl. 7C01B 7/01  
 [25] EN  
 [54] PROCESS AND APPARATUS FOR PREPARING HYDROGEN CHLORIDE  
 [54] PROCEDE ET APPAREIL DE PRODUCTION DE CHLORURE D'HYDROGENE  
 [72] FRANZ, MARCUS, DE  
 [72] KUENZEL, JUERGEN, DE  
 [71] SGL ACOTEC GMBH, DE  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] DE (103 09 799.6) 2003-03-05

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 [13] A1

[51] Int.Cl. 7A47J 43/26  
 [25] EN  
 [54] APPARATUS FOR CRACKING A NUT  
 [54] CASSE-NOIX  
 [72] LENZKES, KARL-HEINZ, DE  
 [71] LENZKES, KARL-HEINZ, DE  
 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] DE (203 03 765.0) 2003-03-10  
 [30] EP (04 003 462.1) 2004-02-17

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 [13] A1

[51] Int.Cl. 7A61B 19/04 7A41D 19/015  
 7A41D 13/08  
 [25] EN  
 [54] THIN WALL GLOVES THAT RELEASE CHLORINE DIOXIDE  
 [54] GANTS MINCES LIBERANT DU DIOXYDE DE CHLORE  
 [72] TAO, JIAN, US  
 [72] PENG, SHUO, US  
 [71] MICROFLEX CORPORATION, US  
 [22] 2004-03-04  
 [41] 2004-09-05  
 [30] US (60/451,622) 2003-03-05  
 [30] US (60/451,663) 2003-03-05  
 [30] US (10/733,366) 2003-12-12

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[21] 2,460,303  
 [13] A1

[51] Int.Cl. 7E03D 1/34 7E03D 1/30  
 [25] EN  
 [54] IMPROVED TOILET FLAPPER  
 [54] ABATTANT DE SIEGE DE TOILETTES AMELIORE  
 [72] SIRIZZOTTI, MAURO, CA  
 [71] SIRIZZOTTI, MAURO, CA  
 [22] 2004-03-05  
 [41] 2004-09-07  
 [30] CA (2,421,349) 2003-03-07

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[21] 2,460,363  
 [13] A1

[51] Int.Cl. 7B05B 1/02 7B29C 45/20  
 [25] EN  
 [54] BI-INJECTION TRIGGER SPRAYER NOZZLE CAP  
 [54] CHAPEAU BI-INJECTION DE BUSE DE PULVERISATEUR A DETENTE  
 [72] SWEETON, STEVEN L., US  
 [72] DIMAGGIO, PHILLIP J., US  
 [71] SAINT-GOBAIN CALMAR INC., US  
 [22] 2004-03-04  
 [41] 2004-09-10  
 [30] US (10/383,685) 2003-03-10

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[21] 2,460,314  
 [13] A1

[51] Int.Cl. 7F02M 35/14 7F02M 35/16  
 [25] EN  
 [54] VEHICLE'S INTAKE DEVICE  
 [54] DISPOSITIF D'ADMISSION D'AIR POUR VEHICULE  
 [72] OSHIMA, TADASHI, JP  
 [72] YASUDA, KAZUHIRO, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-03-05  
 [41] 2004-09-10  
 [30] JP (2003-062829) 2003-03-10

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 [13] A1  
 [51] Int.Cl. 7A47L 9/00 7A47L 9/10 7A47L  
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 [25] EN  
 [54] VACUUM CANISTER WITH  
 AUXILIARY INTAKE VALVE  
 [54] BOITIER D'ASPIRATEUR AVEC  
 SOUPAPE D'ASPIRATION  
 AUXILIAIRE  
 [72] NIESCHWITZ, DARRELL V., US  
 [72] SMITH, JAMES F., US  
 [72] GABRIC, ANDREW L., US  
 [71] H-P PRODUCTS, INC., US  
 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] US (10/385,819) 2003-03-10

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[21] **2,460,369**  
 [13] A1  
 [51] Int.Cl. 7A43B 7/00 7A43B 9/00 7A43D  
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 [25] EN  
 [54] METHOD AND APPARATUS FOR  
 PROVIDING A SHOE USING SAN  
 CRISPINO AND VULCANIZATION  
 CONSTRUCTIONS  
 [54] METHODE ET DISPOSITIF  
 D'OBTENTION D'UNE CHAUSSURE  
 FAISANT APPEL AUX PROCEDES «  
 SAN CRISPINO » ET DE  
 VULCANISATION  
 [72] ISSLER, DAVID C., US  
 [71] SOFFT SHOE COMPANY, INC., US  
 [22] 2004-03-05  
 [41] 2004-09-07  
 [30] US (10/384,297) 2003-03-07

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[21] **2,460,373**  
 [13] A1  
 [51] Int.Cl. 7A63B 53/04  
 [25] EN  
 [54] IRON-TYPE GOLF HEAD WITH  
 BEVELED SOLE  
 [54] TETE DE BATON DE GOLF DE  
 TYPE FER A SEMELLE BISEAUTEE  
 [72] PETERSEN, DAVID L., US  
 [72] BLISS, JOHN C., US  
 [72] NICOLETTE, MICHAEL R., US  
 [71] KARSTEN MANUFACTURING  
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 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] US (10/385,990) 2003-03-10

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[21] **2,460,378**  
 [13] A1  
 [51] Int.Cl. 7E06B 3/70 7F25D 23/02  
 [25] EN  
 [54] INDUSTRIAL DOOR ASSEMBLY  
 AND METHOD OF ASSEMBLING SAME  
 [54] BLOC-PORTE INDUSTRIEL ET  
 METHODE D'ASSEMBLAGE  
 [72] VERMETTE, ROBERT M., CA  
 [71] CHAM MANUFACTURING INC., CA  
 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] US (10/383,761) 2003-03-10

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[21] **2,460,424**  
 [13] A1  
 [51] Int.Cl. 7B26F 1/16  
 [25] EN  
 [54] ROTOR FOR SPRAYING  
 COOLANT ONTO A CUTTER  
 [54] ROTOR POUR LA VAPORISATION  
 DE REFROIDISSEUR SUR UNE FRAISE  
 [72] SMITH, DARRIN EUGENE, CA  
 [71] SMITH, DARRIN EUGENE, CA  
 [22] 2004-03-10  
 [41] 2004-09-10  
 [30] CA (2,421,459) 2003-03-10

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[21] **2,460,400**  
 [13] A1  
 [51] Int.Cl. 7C10M 129/68 7C10M 101/00  
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**10**  
 [25] EN  
 [54] FRICTION MODIFIERS FOR  
 ENGINE OIL COMPOSITION  
 [54] ADDITIFS POUR HUILE MOTEUR  
 MODIFIANT LE COEFFICIENT DE  
 FROTTEMENT  
 [72] HARTLEY, ROLFE J., US  
 [72] HARRIS, STEVE, GB  
 [72] HOEY, MICHAEL D., US  
 [71] INFINEUM INTERNATIONAL  
 LIMITED, GB  
 [22] 2004-03-09  
 [41] 2004-09-10  
 [30] US (10/385,312) 2003-03-10

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[21] **2,460,449**  
 [13] A1  
 [51] Int.Cl. 7G06K 11/08 7G06F 3/033  
 [25] EN  
 [54] SYSTEM AND METHOD FOR  
 DIFFERENTIATING BETWEEN  
 POINTERS USED TO CONTACT  
 TOUCH SURFACE  
 [54] SYSTEME ET METHODE DE  
 DIFFERENTIATION DES POINTEURS  
 TOUCHANT UNE SURFACE TACTILE  
 [72] MORRISON, GERALD D., CA  
 [72] HOLMGREN, DAVID E., CA  
 [71] SMART TECHNOLOGIES INC., CA  
 [22] 2004-03-10  
 [41] 2004-09-11  
 [30] US (10/384,783) 2003-03-11

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[21] **2,460,406**  
 [13] A1  
 [51] Int.Cl. 7H04H 7/00  
 [25] EN  
 [54] SOUND CONTROL SYSTEM  
 [54] SYSTEME DE REGIE SON  
 [72] TAKAHASHI, KENGO, JP  
 [72] YAMASHITA, SHINJIRO, JP  
 [71] YAMAHA CORPORATION, JP  
 [22] 2004-03-10  
 [41] 2004-09-11  
 [30] JP (2003-065655) 2003-03-11

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[21] **2,460,451**  
 [13] A1  
 [51] Int.Cl. 7H01B 7/295 7H01B 11/00  
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 [25] EN  
 [54] COMMUNICATIONS CABLE  
 [54] CABLE DE COMMUNICATION  
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 [72] CORNIBERT, JACQUES, CA  
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[72] FRASER, ROD S., US  
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[54] DISPOSITIF DE CULTURE DE  
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[25] EN  
[54] CLEANING AND PROTECTING  
COMPOSITION WITH ANTIOXIDANT  
AND UV LIGHT RESISTANCE AND  
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[54] COMPOSE DE NETTOYAGE ET DE  
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AGENT ANTIOXYDANT ET  
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[72] MEDEMBLIK, JOHN J., CA  
[71] WALINGA INC., CA  
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[51] Int.Cl. 7B32B 21/13 7B27M 3/00  
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[54] THREE PLY BOLTED  
TEMPORARY ROAD MATS AND  
APPARATUS FOR MANUFACTURING  
SAME  
[54] TRIPLES EPAISSEURS DE BOIS  
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[54] FERMEUSE AUTOMATIQUE  
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[72] VINH LE, TUAN, CA  
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OBTURATOR TIP AND METHODS OF  
USE  
[54] FILTRE A POINTE  
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[72] VIANA, LUIS M., US  
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[72] SILVER, H. WARD, US  
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[72] WEDEKIND, KAREN J., US  
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[13] A1

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[25] FR  
[54] PROCEDE DE FUSION D'ALUMINIUM UTILISANT L'ANALYSE DES FUMEES SORTANT DU FOUR  
[54] ALUMINIUM MELTING METHOD USING ANALYSIS OF FUMES COMING FROM THE FURNACE  
[72] DUCROCQ, JEAN, FR  
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[54] PROJECTEUR MULTIMODE  
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POLYPEPTIDE-EXPRESSING TUMOR  
CELL  
[54] VACCIN ALLOGENIQUE  
COMPORTANT UNE CELLULE  
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[72] MOEBIUS, ULRICH, DE  
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[13] A1

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HIGHER ACTIVITY  
[54] CATALYSEURS BIMETALLIQUES  
PRESENTANT UNE ACTIVITE  
SUPERIEURE  
[72] SANTANA, ROBERT L., US  
[72] SHIRODKAR, PRADEEP P., US  
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[54] SEPARATEUR NON TISSE POUR  
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[72] WEISS, MATHIAS, DE  
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[72] FREY, GUNTER, DE  
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[54] PROCEDE DE FABRICATION D'UN CORPS CERAMIQUE DE CARBURE DE TUNGSTENE DENSIFIE  
[72] ANDERSON, LINWOOD, US  
[71] CERBIDE, US  
[85] 2004-05-05  
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[13] A1

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[25] FR  
[54] METHODE DE DETECTION D'ANALYTE(S) A L'AIDE DE PARTICULES MAGNETIQUES COLLOIDALES  
[54] METHOD FOR DETECTING ANALYTE(S) USING MAGNETIC COLLOIDAL PARTICLES  
[72] BIBETTE, JEROME, FR  
[72] ROUSSEAU, ALAIN, FR  
[72] BAUDRY, JEAN, FR  
[71] BIBETTE, JEROME, FR  
[71] DIAGNOSTICA STAGO, FR  
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[13] A1

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[54] COMPOSITION A BASE DE CAROTENOIDES ET METHODE DESTINEES A PROTEGER LA PEAU  
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[72] SEDLOV, TANYA, IL  
[72] NIR, ZOHAR, IL  
[71] LYCORED NATURAL PRODUCTS INDUSTRIES LTD., IL  
[71] ZELKHA, MORRIS, IL  
[71] SEDLOV, TANYA, IL  
[71] NIR, ZOHAR, IL  
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[54] DOSAGE BIOLOGIQUE POUR DETECTER RAPIDEMENT LA PRESENCE DE PRIONS  
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[72] HAJIZADEH, KIAMARS, US  
[71] PRION DEVELOPMENTAL LABORATORIES, INC., US  
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[25] EN  
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[54] SYSTEME PERMETTANT D'EMPECHER LE DETELAGE NON AUTORISE D'UNE REMORQUE  
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[71] VOLVO TRUCKS NORTH AMERICA, INC., US  
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[25] EN  
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[25] EN  
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[54] ESPACEUR POUR ENSEMBLES DOUILLE DE BRAS DE SUSPENSION  
[72] ROSS, JOSEPH M., US  
[72] RAMSEY, JOHN E., US  
[72] PIERCE, PHILLIPPI R., US  
[72] SCHNEIDER, WARREN M., US  
[71] THE BOLER COMPANY, US  
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[25] EN  
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[54] APPAREIL ET PROCEDE, A INVASION MINIMALE, POUR REMPLACEMENT TOTAL D'ARTICULATION  
[72] ENGH, GERARD, US  
[72] JOHNSON, WESLEY D., US  
[71] ALEXANDRIA RESEARCH TECHNOLOGIES, LLC, US  
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[25] EN  
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[72] ANDERSON, MICHAEL D., US  
[71] ZINPRO CORPORATION, US  
[85] 2004-05-14  
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[25] EN  
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[54] COMPOSITIONS DE POLYMERES DE PROPYLENE CLAIRES ET FLEXIBLES  
[72] PELLICONI, ANTEO, IT  
[72] LONARDO, ANGELO, IT  
[72] MEI, GABRIELE, IT  
[71] BASELL POLIOLEFINE ITALIA S.P.A., IT  
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[54] REPETEUR COMMANDÉ PAR PUSSANCE DE LIAISON RETOUR  
[72] DEAN, RICHARD F., US  
[71] QUALCOMM INCORPORATED, US  
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[25] EN  
[54] TONEABLE CONDUIT AND METHOD OF PREPARING SAME  
[54] CONDUITE DETECTABLE PAR TONALITES ET PROCEDE DE FABRICATION CORRESPONDANT  
[72] MORROW, JASON NORMAN, US  
[72] GEMME, CHRISTOPHER, US  
[72] BOLLINGER, GEORGE, US  
[72] LUMLEY, SCOTT, US  
[72] BAILEY, MICHAEL RAY, US  
[72] KALE, ZEB LEONARD, US  
[72] WARD, ROBERT MILLER JR., US  
[71] COMMSCOPE, INC. OF NORTH CAROLINA, US  
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[86] 2002-11-20 (PCT/US2002/037417)  
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[13] A1

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[25] EN  
[54] DENATURING OF A BIOCHEMICAL AGENT USING AN ACTIVATED CLEANING FLUID MIST  
[54] DENATURATION D'UN AGENT BIOCHIMIQUE A L'AIDE D'UN BROUILLARD DE FLUIDE NETTOYANT ACTIVE  
[72] MONTULLI, LOUIS, US  
[72] PIERCE, MICHAEL J., US  
[72] GUERRERO, FERNANDO, US  
[72] SIAS, HEATH E., US  
[72] DINIZ, STANLEY J., US  
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[71] INTECON SYSTEMS, INC., US  
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[25] EN  
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[54] PRODUITS D'HYGIENE FEMININE SERVANT A APPORTER DES SUBSTANCES THERAPEUTIQUES  
[72] KOENIG, DAVID WILLIAM, US  
[72] GEISER, KIMBERLY MARIE, US  
[72] DVORACEK, BARBARA JO, US  
[72] KRZYSIK, DUANE GERARD, US  
[72] TYRRELL, DAVID JOHN, US  
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**COMPOSITIONS PHARMACEUTIQUES SOUS FORME PARTICULAIRE**  
[72] MONTGOMERY, DAVID B., US  
[72] WILLS, ANJANA BHUTA, US  
[72] FORD, BRANDI, US  
[72] HWANG, C. ROBIN, US  
[72] SULLIVAN, VINCENT J., US  
[72] MIKSZTA, JOHN A., US  
[72] WANG, ZHAOLIN, CA  
[72] HUANG, JUAN, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[85] 2004-05-19  
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[13] A1

[51] Int.Cl. 7G06F 13/14 7G06F 13/38  
[25] EN  
**USER EQUIPMENT (UE) HAVING A HYBRID PARALLEL/SERIAL BUS INTERFACE**  
**EQUIPEMENT UTILISATEUR (UE) COMPRENANT UNE INTERFACE DE BUS PARALLELE/SERIE HYBRIDE**  
[72] GREDONE, JOSEPH, US  
[72] AXNESS, TIMOTHY A., US  
[72] STUFFLET, ALFRED, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-05-19  
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[30] US (09/990,060) 2001-11-21  
[30] US (10/080,899) 2002-02-22

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[13] A1

[51] Int.Cl. 7G06F 13/14 7G06F 13/38  
[25] EN  
**METHOD EMPLOYED BY A BASE STATION FOR TRANSFERRING DATA**  
**PROCEDE DE TRANSFERT DE DONNEES UTILISE PAR UNE STATION DE BASE**  
[72] AXNESS, TIMOTHY A., US  
[72] STUFFLET, ALFRED, US  
[72] GREDONE, JOSEPH, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-05-19  
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[30] US (09/990,060) 2001-11-21  
[30] US (10/080,817) 2002-02-22

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[13] A1

[51] Int.Cl. 7H03M 9/00  
[25] EN  
**METHOD OF TRANSFERRING DATA**  
**PROCEDE DE TRANSFERT DE DONNEES**  
[72] GREDONE, JOSEPH, US  
[72] AXNESS, TIMOTHY A., US  
[72] STUFFLET, ALFRED, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-05-19  
[86] 2002-11-19 (PCT/US2002/037142)  
[87] 2003-06-05 (WO2003/047113)  
[30] US (09/990,060) 2001-11-21  
[30] US (10/080,480) 2002-02-22

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[51] Int.Cl. 7H03M 9/00  
[25] EN  
**HYBRID PARALLEL/SERIAL BUS INTERFACE**  
**INTERFACE DE BUS SERIE/ PARALLELE HYBRIDE**  
[72] STUFFLET, ALFRED, US  
[72] GREDONE, JOSEPH, US  
[72] AXNESS, TIMOTHY A., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-05-19  
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[87] 2003-06-05 (WO2003/047114)  
[30] US (09/990,060) 2001-11-21

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[13] A1

[51] Int.Cl. 7G09G 3/36 7G06K 15/00  
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[25] EN  
**ADVERTISING COMPLIANCE MONITORING SYSTEM**  
**SISTÈME DE CONTRÔLE DE LA CONFORMITÉ D'UNE PUBLICITÉ**  
[72] OVERHULTZ, GARY L., US  
[72] MEAD, ROBERT W., US  
[71] GOLIATH LLC, US  
[85] 2004-05-19  
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[30] US (60/332,149) 2001-11-21  
[30] US (10/158,416) 2002-05-30

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[13] A1

[51] Int.Cl. 7H03K 17/96  
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**INTERRUPEUR TACTILE COMPORTANT UN CIRCUIT DE COMMANDE INTEGRÉ**  
[72] CALDWELL, DAVID W., US  
[71] TOUCHSENSOR TECHNOLOGIES, LLC, US  
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[87] 2003-06-26 (WO2003/052933)  
[30] US (60/334,040) 2001-11-20  
[30] US (60/341,350) 2001-12-18  
[30] US (60/341,550) 2001-12-18  
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[30] US (60/388,245) 2002-06-13  
[30] US (10/272,377) 2002-10-15

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[13] A1

[51] Int.Cl. 7H04Q 7/38  
[25] EN  
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**AUTHENTIFICATION D'UN TELEPHONE MOBILE**  
[72] GREEN, MICHAEL, IL  
[72] RIMONI, YORAM, IL  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-05-19  
[86] 2002-11-20 (PCT/US2002/037331)  
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[25] EN  
[54] METHOD AND SYSTEM FOR PROVIDING SECURITY WITHIN MULTIPLE SET-TOP BOXES  
ASSIGNED FOR A SINGLE CUSTOMER  
[54] TECHNIQUE ET SYSTEME DE SECURISATION DE DECODEURS MULTIPLES ATTRIBUES A UN SEUL CLIENT  
[72] MORONEY, PAUL, US  
[72] CONTINI, SCOTT, US  
[72] ANDERSON, ALLEN JAMES, US  
[72] SPRUNK, ERIC, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
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[13] A1

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7C23C 14/24 7B01J 2/24  
[25] EN  
[54] PROCESS FOR MAKING ANGSTROM SCALE AND HIGH ASPECT FUNCTIONAL PLATELETS  
[54] PROCEDE DE FABRICATION DE PAILLETTES A L'ECHELLE DE L'ANGSTROM FONCTIONNELLES ET DE BEL ASPECT  
[72] JOSEPHY, KARL, US  
[72] RETTKER, JAMES P., US  
[72] ENLOW, HOWARD H., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2004-05-19  
[86] 2002-11-27 (PCT/US2002/038292)  
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[30] US (60/334,260) 2001-11-29

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[13] A1

[51] Int.Cl. 7A61B 17/068 7A61B 17/064  
[25] EN  
[54] APPARATUS AND METHOD FOR TREATING GASTROESOPHAGEAL REFLUX DISEASE  
[54] APPAREIL ET PROCEDE DE TRAITEMENT DE REFLUX GASTRO-OESOPHAGIEN  
[72] MCGUCKIN, JAMES F., JR., US  
[72] HINCHLIFFE, PETER W. J., US  
[71] REX MEDICAL, L.P., US  
[85] 2004-05-19  
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[87] 2003-07-03 (WO2003/053253)  
[30] US (60/342,540) 2001-12-20

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[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] PHARMACEUTICAL PRODUCT SAMPLE DISTRIBUTION METHOD AND SYSTEM  
[54] PROCEDE ET SYSTEME DE DISTRIBUTION D'ECHANTILLONS DE PRODUITS PHARMACEUTIQUES  
[72] O'CONNOR, KEVIN, CA  
[72] KAMINO, ROBERT SENJI, CA  
[72] INGHAM, MICHAEL PARKER, BE  
[71] JANSSEN-ORTHO, INC., CA  
[85] 2004-05-19  
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[87] 2003-06-05 (WO2003/046792)  
[30] CA (2,363,874) 2001-11-27

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[25] EN  
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[54] COMPOSITIONS ELASTOMERES  
[72] CHUNG, DAVID Y., US  
[72] WADDELL, WALTER H., US  
[71] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 2004-05-19  
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[54] METHOD FOR THE IDENTIFICATION OF A SERVICE  
[54] PROCEDE D'IDENTIFICATION D'UN SERVICE  
[72] KLEHN, NORBERT, DE  
[72] ZAUS, ROBERT, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2004-05-19  
[86] 2001-11-19 (PCT/DE2001/004389)  
[87] 2003-06-12 (WO2003/049477)

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[13] A1

[51] Int.Cl. 7F02M 35/10 7F02B 77/11  
[25] EN  
[54] FUEL SAVING COMBUSTION ENGINE INSULATION METHOD AND SYSTEM  
[54] PROCEDE ET SYSTEME D'ISOLATION PERMETTANT DE REDUIRE LA CONSOMMATION DE CARBURANT DANS UN MOTEUR A COMBUSTION INTERNE  
[72] ANTHON, ANTHONY, US  
[71] AMERICAN DIESEL & GAS, INC., US  
[85] 2004-05-19  
[86] 2002-12-20 (PCT/US2002/040637)  
[87] 2003-07-03 (WO2003/054373)  
[30] US (10/029,339) 2001-12-20

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[13] A1

[51] Int.Cl. 7A61M 25/06  
[25] EN  
[54] PROTECTIVE HOUSING FOR A BUTTERFLY NEEDLE  
[54] BOITIER DE PROTECTION D'UNE AIGUILLE A AILETTES  
[72] SARSTEDT, WALTER, DE  
[71] SARSTEDT AG & CO., DE  
[85] 2004-05-19  
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[30] DE (101 56 587.9) 2001-11-20

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GUIDE WIRE RAMP  
[54] CATHETER EQUIPE D'UNE  
RAMPE POUR FIL GUIDE  
CONFORMEE  
[72] CARRILLO, OSCAR, US  
[72] BOUTILETTE, MICHAEL P., US  
[72] WINDHEUSER, JAMES E., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-05-14  
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[87] 2004-04-22 (WO2004/033019)  
[30] US (10/268,135) 2002-10-08

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[25] EN  
[54] HAND-HELD BODY WASHING  
DEVICE  
[54] ARTICLE DE TOILETTE A MAIN  
[72] SORRELL, ROGER, US  
[71] SORRELL, ROGER, US  
[85] 2004-05-17  
[86] 2002-02-25 (PCT/US2002/006389)  
[87] 2002-09-19 (WO2002/072280)  
[30] US (09/800,950) 2001-03-07

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7G11B 13/04 7C12Q 1/04 7C12Q 1/06  
[25] EN  
[54] MAGNETO-OPTICAL BIO-DISCS  
AND SYSTEMS INCLUDING RELATED  
METHODS  
[54] BIO-DISQUES MAGNETO-  
OPTIQUES ET SYSTEMES UTILISANT  
DES TECHNIQUES EN RAPPORT  
[72] VALENCIA, RAMONCITO  
MAGPANTAY, US  
[72] PHAN, BRIGITTE CHAU, US  
[72] COOMBS, JAMES HOWARD, US  
[71] BURSTEIN TECHNOLOGIES, INC.,  
US  
[85] 2004-05-25  
[86] 2002-11-27 (PCT/US2002/038021)  
[87] 2003-06-05 (WO2003/046511)  
[30] US (09/997,741) 2001-11-27  
[30] US (60/355,644) 2002-02-05  
[30] US (60/356,982) 2002-02-13  
[30] US (60/358,479) 2002-02-19  
[30] US (10/099,266) 2002-03-14  
[30] US (60/372,007) 2002-04-11  
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[13] A1

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[25] EN  
[54] A NEEDLELESS INJECTOR DRUG  
CAPSULE AND A METHOD FOR  
FILLING THEREOF  
[54] CAPSULE DE MEDICAMENT  
POUR INJECTEUR SANS AIGUILLE ET  
PROCEDE DE REMPLISSAGE DE  
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[72] HENRY, WILLIAM, GB  
[72] LEWIS, ANDREW, GB  
[71] ARADIGM CORPORATION, US  
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[25] EN  
[54] PROCESS FOR RENDERING  
NUTRITIONAL AND INDUSTRIAL  
PROPERTIES IN SEEDS EASILY  
ASSIMILABLE  
[54] TRAITEMENT POUR RENDRE  
FACILEMENT ASSIMILABLES PAR  
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[72] WEIDEMAN, ANDRIES WILHELM  
JOHANNES, ZA  
[72] BERCHTOLD, PETER FRANCIS, ZA  
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JOHANNES, ZA  
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[85] 2004-05-10  
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[25] EN  
[54] HYDROGEL COMPOSITIONS  
COMPRISING AN ACRYLOYL  
MORPHOLINE POLYMER  
[54] COMPOSITIONS D'HYDROGEL  
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MORPHOLINE D'ACRYLOYLE  
[72] HOSKINS, RICHARD, GB  
[72] MUNRO, HUGH SEMPLE, GB  
[72] CERDAN, CARINE, GB  
[71] FIRST WATER LIMITED, GB  
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[72] KENNEDY, THOMAS J., III, US  
[71] CALLAWAY GOLF COMPANY, US  
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[54] TRIAZOLES UTILISES COMME ANTAGONISTES DE L'OXYTOCINE  
[72] QUATTROPANI, ANNA, CH  
[72] SCHWARZ, MATTHIAS, CH  
[72] COULTER, THOMAS, GB  
[72] THOMAS, RUSSELL J., GB  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
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[54] DISPOSITIF DE CONTROLE D'UNE LIGNE DE COMMUNICATION XDSL  
[54] DEVICE FOR CONTROLLING AN XDSL COMMUNICATION LINE  
[72] LE FOLL, DOMINIQUE, GB  
[72] SCHMITT, JEAN, FR  
[71] ACTERNA IPMS, FR  
[85] 2004-05-06  
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[54] INSTALLATION AND METHOD FOR CONTROLLING PURIFICATION OF A FLUID  
[72] GIRAUT, CHRISTEL, FR  
[72] VIE, JEAN-FRANCOIS, FR  
[72] LEDON, HENRY, FR  
[72] GIRARDON, PHILIPPE, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR  
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[25] FR  
[54] ARYL-CYCLOALKANES SUBSTITUES ET LEUR UTILISATION COMME AGENTS ANTICANCEREUX  
[54] SUBSTITUTED ARYL-CYCLOALKANES, AND USE THEREOF AS ANTICANCER AGENTS  
[72] MAILLET, PATRICK, FR  
[72] CAPET, MARC, FR  
[72] TIRABOSCHI, GILLES, FR  
[72] CAULFIELD, THOMAS, FR  
[71] AVENTIS PHARMA S.A., FR  
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[54] METHOD FOR THE ACOUSTIC CONTROL OF BOTTLE FILL LEVELS  
[72] TOMASINI, BERNARD, FR  
[72] GONDOLO, JEAN, FR  
[71] SYSTELIA TECHNOLOGIES S.A., FR  
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[54] DISPOSITIF DE DESCENTE EN RAPPEL  
[72] ANGERMANN, GEROLD, AT  
[71] WALTER, LEA, AT  
[85] 2004-06-16  
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[54] DISPOSITIF DE CONTROLE ET DE REPOSITIONNEMENT D'UNE BOBINE DE MATERIAUX D'ESSUYAGE DANS UN APPAREIL DE DISTRIBUTION A COUPE AUTOMATIQUE  
[54] DEVICE FOR CONTROLLING AND REPOSITIONING A ROLL OF WIPING MATERIAL IN AN AUTOMATIC-CUTTING DISPENSER  
[72] GRANGER, MAURICE, FR  
[72] GRANGER, SABINE, FR  
[72] GRANGER, SMERALDA, FR  
[72] GRANGER, DANIEL, FR  
[71] GRANGER, MAURICE, FR  
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[54] CULTURE ET ENCAPSULATION DE CELLULES SOUCHE  
[72] TSANG, WEN-GHIH, US  
[72] WANG, YANPING, US  
[72] ZHENG, TIANLI, US  
[71] AMCYTE INC, US  
[85] 2004-06-21  
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[87] 2003-07-24 (WO2003/059072)  
[30] US (60/342,250) 2001-12-21

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[54] VETEMENT ABSORBANT DOTE D'UNE REGION FRAGILISEE  
[72] RICHLEN, SANDRA A., US  
[72] SCHMOKER, SUZANNE M., US  
[72] VAN GOMPEL, PAUL T., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[30] US (10/032,701) 2001-12-28

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[54] PLASMA DISPLAY DEVICE AND CONTROL METHOD THEREFOR  
[72] LACOSTE, ANA, FR  
[72] PELLETIER, JACQUES, FR  
[72] ARNAL, YVES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
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[30] FR (01/16820) 2001-12-24

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[25] FR  
[54] DERIVES DE STREPTOGRAMINES, LEUR PREPARATION ET LES COMPOSITIONS QUI LES CONTIENNENT  
[54] STREPTOGRAMIN DERIVATIVES, PREPARATION THEREOF AND COMPOSITIONS CONTAINING SAME  
[72] PUCHAULT, GERARD, FR  
[72] BACQUE, ERIC, FR  
[72] BARRIERE, JEAN-CLAUDE (DECÈDE), FR  
[71] AVENTIS PHARMA S.A., FR  
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[30] FR (01/16856) 2001-12-26

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[13] A1

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[25] FR  
[54] PROCEDE ET INSTALLATION AUTOMATISEE DE STOCKAGE ET DE DISTRIBUTION D'OBJETS OU ARTICLES DIVERS  
[54] METHOD AND AUTOMATED SYSTEM FOR STORING AND DISTRIBUTING VARIOUS OBJECTS OR ARTICLES  
[72] DOTTE, EMMANUEL, FR  
[72] ACCARDO, JEAN-LUC, FR  
[72] CASANOVA, ROBERT, FR  
[72] DURAND, CLAUDE, FR  
[71] B PLUS DEVELOPMENT (SOCIETE ANONYME), FR  
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[30] FR (02/00316) 2002-01-11

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[54] RECIPIENT EN MATIERE THERMOPLASTIQUE POUR PRODUIT DEVANT ETRE PROTEGE DE LA LUMIERE  
[54] CONTAINER MADE FROM THERMOPLASTIC MATERIAL FOR A PRODUCT TO BE PROTECTED FROM LIGHT  
[72] LETERC, FRANCOIS, FR  
[72] VASSENEIX, ALAIN, FR  
[72] ADRIANSSENS, ERIC, FR  
[72] DAULMERIE, SOPHIE, FR  
[71] SIDEL, FR  
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[87] 2003-09-18 (WO2003/076277)  
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[25] EN  
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[54] COMPOSITION DE MOUSSE A BASE DE GLUCIDES REGENERES  
[72] REEVES, WILLIAM G., US  
[72] CHEN, LI-FU, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[87] 2003-07-17 (WO2003/057768)  
[30] US (10/038,756) 2001-12-31

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[72] GEHLING, STEVEN CRAIG, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[54] COMPOSITION FILMOGENE  
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[54] HETEROXYLAN FILM-FORMING  
COMPOSITION FOR MAKING  
CAPSULES AND RESULTING  
CAPSULES  
[72] DARASSE, FABIEN, FR  
[72] BASQUIN, SERGE, FR  
[72] DESPRE, DENIS, FR  
[72] MESSAGER, ARNAUD, FR  
[71] ULICE, FR  
[71] PIERRE FABRE MEDICAMENT, FR  
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[30] FR (01/16951) 2001-12-27  
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[25] EN  
[54] CELLULAR COMPOSITIONS AND  
METHODS OF MAKING AND USING  
THEM  
[54] COMPOSITIONS CELLULAIRES  
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D'UTILISATION ASSOCIES  
[72] CASPER, ROBERT, CA  
[72] ROGERS, IAN, CA  
[71] MOUNT SINAI HOSPITAL, CA  
[85] 2004-06-16  
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[87] 2003-07-10 (WO2003/055989)  
[30] US (60/342,586) 2001-12-21

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[13] A1

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[25] EN  
[54] MOVING REEF WAVE  
GENERATOR  
[54] GENERATEUR DE VAGUES A  
MASSIF MOBILE  
[72] LOCHTEFELD, THOMAS J., US  
[72] SAUERBIER, CHARLES E., US  
[71] LOCHTEFELD, THOMAS J., US  
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[87] 2003-06-26 (WO2003/051479)  
[30] US (60/339,805) 2001-12-17

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[13] A1

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[25] EN  
[54] GENERATION OF CONTINUOUS  
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[54] GENERATION D'UN MODELE  
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SUJETS  
[72] SCHLESSINGER, LEONARD, US  
[72] EDDY, DAVID, US  
[71] KAISER FOUNDATION HOSPITAL,  
US  
[71] THE PERMANENTE FEDERATION  
LLC, US  
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[25] EN  
[54] WIDE WADE TISSUE SHEETS  
HAVING REDUCED AMOUNT OF  
PINHOLES AND METHOD OF MAKING  
SAME  
[54] FEUILLES DE PAPIER DE SOIE A  
COTES LARGES PRESENTANT UN  
NOMBRE REDUIT DE PIQURES ET  
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[72] BURAZIN, MARK ALAN, US  
[72] MULLALLY, CRISTINA ASENSIO,  
US  
[72] VANCE, MICHAEL STEPHEN, US  
[72] VOGT, KEVIN JOSEPH, US  
[72] BAKKEN, ANDREW PETER, US  
[72] KRESSNER, BERNHARDT  
EDWARD, US  
[72] KOWALSKI, CHRISTOPHER SCOTT,  
US  
[71] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
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[30] US (10/077,161) 2002-02-15

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[13] A1

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[25] EN  
[54] OIL IN WATER EMULSIONS  
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BIOPOLYMERS  
[54] EMULSIONS HUILE-DANS-EAU  
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[72] FOSTER, TIMOTHY JOHN, GB  
[72] BUFFET, GAELLE X., GB  
[71] UNILEVER PLC, GB  
[85] 2004-06-18  
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[30] EP (01310852.7) 2001-12-21

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[13] A1

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[25] EN  
[54] MATRIX-FORMING  
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[54] COMPOSITION CONTENANT DE  
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MATRICE  
[72] NAVARRO Y KOREN, PETER,  
ANTONIO, NL  
[72] MINOR, MARCEL, NL  
[72] VAN LAERE, KATRIEN MARIA  
JOZefa, NL  
[72] DE LANGE, MARIA ELISABETH  
HERMIEN, NL  
[71] N.V. NUTRICIA, NL  
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[87] 2003-07-03 (WO2003/053165)  
[30] US (10/022,372) 2001-12-20  
[30] EP (02077222.4) 2002-06-07  
[30] EP (02079289.1) 2002-10-16  
[30] US (10/279,968) 2002-10-25

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[25] EN  
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[54] PROCEDE POUR FABRIQUER DES PANNEAUX UNIQUES EN BETON A NOYAU CREUX  
[72] DUNN, DANNY, US  
[72] HALL, DONALD, US  
[72] HUNT, BILLY, US  
[72] WESEN, RICHARD, US  
[72] HENSLY, JASON, US  
[72] KUCKHAHN, THOMAS, US  
[72] LEJEUNE, MICHAEL, US  
[72] NOVOTNY, JOSEPH, US  
[71] FABCON, INC., US  
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[30] US (60/344,094) 2001-12-20  
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[51] Int.Cl. 7F02C 9/28  
[25] EN  
[54] MULTIVARIANT SET POINT USING N1 AND N2 FOR ENGINE CONTROL  
[54] POINT DE REGLAGE MULTIVARIABLE UTILISANT N1 ET N2 POUR LA COMMANDE DU MOTEUR  
[72] RUSHINSKY, JOHN J., US  
[72] CHAPMAN, GREGORY J., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-06-18  
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[51] Int.Cl. 7A61N 1/362  
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[54] CARDIAC PACING METHOD AND SYSTEM  
[54] PROCEDE ET SYSTEME D'ENTRAINEMENT ELECTROSYSTOLIQUE CARDIAQUE  
[72] SHETH, NIRAV V., US  
[72] BROWN, MARK L., US  
[72] RITSCHER, DAVID, US  
[72] WARMAN, EDUARDO N., US  
[72] MEHRA, RAHUL, US  
[72] HESS, MICHAEL F., US  
[71] MEDTRONIC, INC., US  
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[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] PROVIDING CONTENT DELIVERY DURING A CALL HOLD CONDITION  
[54] FOURNITURE DE CONTENU EN ETAT D'APPEL EN ATTENTE  
[72] JOHNSTON, ALAN BERNARD, US  
[71] WORLDLCOM, INC., US  
[85] 2004-06-17  
[86] 2002-11-25 (PCT/US2002/037641)  
[87] 2003-06-26 (WO2003/052607)  
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[54] DILATATION D'UN TUBE  
[72] MARR, GRAEME THOMAS, GB  
[72] DAVIES, MARK, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-06-17  
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[30] GB (0130848.5) 2001-12-22

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[25] EN  
[54] TRIMERISATION AND OLIGOMERISATION OF OLEFINS USING A CHROMIUM BASED CATALYST  
[54] TRIMERISATION ET OLIGOMERISATION D'OLEFINES PAR UTILISATION D'UN CATALYSEUR A BASE DE CHROME  
[72] HESS, FIONA MILLICENT, ZA  
[72] BOLLMANN, ANNETTE, ZA  
[72] MCGUINNESS, DAVID SHANE, DE  
[72] DIXON, JOHN THOMAS, ZA  
[72] WASSERSCHEID, PETER, DE  
[72] MAUMELA, HULISANI, ZA  
[72] MORGAN, DAVID HEDLEY, ZA  
[71] SASOL TECHNOLOGY (PTY) LTD., ZA  
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[30] US (60/342,560) 2001-12-20  
[30] ZA (2001/10435) 2001-12-20

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[13] A1

[51] Int.Cl. 7A61B 1/015 7A61M 25/01  
[25] EN  
[54] SELF-ADVANCING DEVICE  
[54] DISPOSITIF AUTOMOTEUR  
[72] SOUTORINE, MIKHAIL, AU  
[72] GULIA, NURBEY, RU  
[72] TCHEPIKOV, IGOR, AU  
[71] ENDOGENE PTY. LTD., AU  
[85] 2004-06-18  
[86] 2002-12-20 (PCT/AU2002/001733)  
[87] 2003-07-03 (WO2003/053225)  
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[30] AU (PS 0647) 2002-02-21  
[30] AU (PS 1610) 2002-04-08

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7A61K 7/48  
[25] EN  
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[54] OXYDE DE ZINC A SURFACE MODIFIEE, SERVANT A LA PRODUCTION DE DISPERSIONS NANOPARTICULAIRES  
[72] BULTO CARULLA, VICTOR, ES  
[72] UMBREIT, CHRISTIAN, DE  
[72] HELLER, MELITA, DE  
[72] KLISS, RAINER, DE  
[72] ELSAESSEN, RALF, DE  
[72] KROPF, CHRISTIAN, DE  
[72] HAHN, HORST, DE  
[72] BERBER, METE, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[71] SUSTECH GMBH & CO. KG., DE  
[85] 2004-06-21  
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[30] DE (101 63 256.8) 2001-12-21

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[54] PROCEDE ET SYSTEME POUR UNE RECHERCHE DE SIMILARITES ET DE MISE EN GRAPPE  
[72] TUNKELANG, DANIEL, US  
[71] ENDECA TECHNOLOGIES, INC., US  
[85] 2004-06-18  
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[87] 2003-07-03 (WO2003/054746)  
[30] US (10/027,195) 2001-12-20

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[51] Int.Cl. 7A61K 9/10  
[25] EN  
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[54] SUSPENSION PHARMACEUTIQUE A ADMINISTRATION ORALE  
[72] CHIANG, PO-CHANG, US  
[72] LU, GUANG WEI, US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-06-18  
[86] 2002-12-09 (PCT/US2002/039186)  
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[30] US (60/342,599) 2001-12-20

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[51] Int.Cl. 7G06K 19/14 7G06K 19/07  
7G02B 5/128  
[25] EN  
[54] ARTICLE WITH RETROREFLECTIVE AND RADIO FREQUENCY-RESPONSIVE FEATURES  
[54] ARTICLES POSSEDEANT DES ELEMENTS RETROREFLECHISSANTS ET SENSIBLES AUX RADIOFRÉQUENCES.  
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[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-18  
[86] 2002-10-22 (PCT/US2002/033744)  
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[30] US (10/027,764) 2001-12-19

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[51] Int.Cl. 7A61K 9/127 7A61K 9/50  
7A61K 9/51  
[25] EN  
[54] LIPOSOMAL DELIVERY OF VITAMIN E BASED COMPOUNDS  
[54] ADMINISTRATION DE PRÉPARATIONS LIPOSOMALES DE COMPOSES A BASE DE VITAMINE E  
[72] WELLER, CLYDE W., US  
[72] KNIGHT, J., VERNON, US  
[72] MENCHACA, MARLA S., US  
[72] LAWSON, KARLA A., US  
[72] SANDERS, BOB G., US  
[72] KLINE, KIMBERLY, US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
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[87] 2003-07-03 (WO2003/053407)  
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[30] US (60/418,602) 2002-10-15

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[51] Int.Cl. 7G02B 6/16 7C03C 25/62  
[25] EN  
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[54] GUIDES D'ONDE OPTIQUES PHOTOSENSIBLES PAR SECTIONS  
[72] CARPENTER, JAMES B., US  
[72] VISWANATHAN, NIRMAL K., US  
[72] PAOLUCCI, DORA M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[30] US (10/028,838) 2001-12-20  
[30] US (10/323,954) 2002-12-18

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[13] A1

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[25] EN  
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[54] PROCEDE DE FABRICATION DE CARBONATE DE TRIMETHYLENE  
[72] KREUTZBERGER, CHARLES B., US  
[72] BOWMAN, MARK P., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-06-18  
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[25] EN  
[54] FORMULATION AND DOSAGE FORM FOR INCREASING ORAL BIOAVAILABILITY OF HYDROPHILIC MACROMOLECULES  
[54] PREPARATION ET FORME POSOLOGIQUE POUR L'AUGMENTATION DE LA BIODISPONIBILITE BUCCALE DE MACROMOLECULES HYDROPHILES  
[72] YUM, SI-HONG, US  
[72] CHAO, ANTHONY C., US  
[72] DONG, LIANG C., US  
[72] NGUYEN, VU A., US  
[72] DADDONA, PETER E., US  
[72] WONG, PATRICK S., L., US  
[71] ALZA CORPORATION, US  
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[54] A WOUND CARE DEVICE  
[54] DISPOSITIF DE TRAITEMENT DE PLAIE  
[72] JUEL-FRIIS, GITTE, DK  
[72] RICHTER-FRIIS, TINE, DK  
[72] STERM LARSEN, TRUELS, DK  
[71] COLOPLAST A/S, DK  
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[30] DK (PA 2001 01942) 2001-12-21

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7A61K 31/5365 7A61K 31/542  
[25] EN  
[54] PANCREATIC LIPASE INHIBITOR COMPOUNDS, THEIR SYNTHESIS AND USE  
[54] COMPOSES INHIBITEURS DE LA LIPASE PANCREATIQUE, LEUR SYNTHESE ET LEUR UTILISATION  
[72] WITTER, DAVID, US  
[72] CASTELHANO, ARLINDO L., US  
[71] OSI PHARMACEUTICALS, INC., US  
[85] 2004-06-18  
[86] 2002-12-20 (PCT/US2002/041272)  
[87] 2003-07-03 (WO2003/053944)  
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7A61K 31/18 7A61P 25/28  
[25] EN  
[54] .ALPHA.-(N-SULPHONAMIDO)ACETAMIDE DERIVATIVES AS .BETA.-AMYLOID INHIBITORS  
[54] DERIVES D'\$G(A)-(N-SULPHONAMIDO)ACETAMIDE EN TANT QU'INHIBITEURS DE \$G(B)-AMYLOIDE  
[72] MCELHONE, KATHARINE E., US  
[72] MARCIN, LAWRENCE R., US  
[72] BERGSTROM, CARL P., US  
[72] GAI, YONGHUA, US  
[72] PARKER, MICHAEL F., US  
[72] MATE, ROBERT A., US  
[72] BRONSON, JOANNE J., US  
[72] MACOR, JOHN E., US  
[71] BRISTOL-MYERS SQUIBB PHARMA COMPANY, US  
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[30] US (60/344,322) 2001-12-20

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[13] A1

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[25] EN  
[54] REAGENT AND METHOD FOR PROVIDING COATINGS ON SURFACES  
[54] REACTIF ET PROCEDE PERMETTANT DE FOURNIR DES REVETEMENTS SUR DES SURFACES  
[72] CHAPPA, RALPH A., US  
[72] DUQUETTE, PETER H., US  
[72] STUCKE, SEAN M., US  
[72] AMOS, RICHARD A., US  
[72] CHUDZIC, STEPHEN J., US  
[72] EVERSON, TERRENCE P., US  
[72] SWAN, DALE G., US  
[71] SURMODICS, INC., US  
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[30] US (10/028,518) 2001-12-21

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[13] A1

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[25] EN  
[54] NITRIC OXIDE DONORS FOR TREATMENT OF DISEASE AND INJURY  
[54] DONNEURS DE MONOXYDE D'AZOTE POUR LE TRAITEMENT DE MALADIES ET DE BLESSURES  
[72] CHOPP, MICHAEL, US  
[71] HENRY FORD HEALTH SYSTEM, US  
[85] 2004-07-02  
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[13] A1

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[25] EN  
[54] TREATMENT OF BIOPROSTHETIC TISSUES TO MITIGATE POST IMPLANTATION CALCIFICATION  
[54] TRAITEMENT DE TISSUS BIOPROTHETIQUES DESTINE A LIMITER LA CALCIFICATION POST-IMPLANTATOIRE  
[72] CARPENTIER, SOPHIE M., FR  
[72] CARPENTIER, ALAIN F., FR  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2004-07-02  
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[13] A1

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7C07D 401/14 7C07D 403/14 7C07D 239/48 7A61K 31/506 7C07D 239/52 7C07D 239/56  
[25] EN  
[54] NOVEL ALKANSULFONAMIDES AS ENDOTHELIN ANTAGONISTS  
[54] ALCANESULFONAMIDES EN TANT QU'ANTAGONISTES DES ENDOTHELINES  
[72] WELLER, THOMAS, CH  
[72] CLOZEL, MARTINE, CH  
[72] BOSS, CHRISTOPH, CH  
[72] FISCHLI, WALTER, CH  
[72] BOLLI, MARTIN, CH  
[71] ACTELION PHARMACEUTICALS LTD., CH  
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[30] EP (PCT/EP02/00002) 2002-01-02

[21] 2,471,230  
[13] A1

[51] Int.Cl. 7C12Q 1/68  
[25] EN  
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[54] NOUVELLES AMORCES POUR LA DETECTION ET L'IDENTIFICATION DE GROUPES D'INDICATEURS BACTERIENS  
[72] SIREVAG, REIDUN, NO  
[72] ANGLES D' AURIAC, MARC, B., NO  
[71] ANGLES D' AURIAC, MARC, B., NO  
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[30] US (60/340,872) 2001-12-19

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[51] Int.Cl. 7B27F 7/02 7B27M 3/00  
7B65H 75/50  
[25] EN  
[54] SIMULTANEOUS RIVETING SYSTEM OF FLAT SURFACES FOR RIVETERS  
[54] SYSTEME DE RIVETAGE SIMULTE DE SURFACES PLATES POUR RIVETEUSES  
[72] IANNUCCI, MARCO, IT  
[71] F. LLI IANNUCCI S.N.C. DI MARCO E NICOLA MAURIZIO IANNUCCI, IT  
[85] 2004-06-23  
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[30] IT (MI 2002A 000004) 2002-01-04

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[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 3/10  
7A61K 31/53  
[25] EN  
[54] PYRIMIDOTRIAZINES AS PHOSPHATASE INHIBITORS  
[54] PYRIMIDOTRIAZINES UTILISEES EN TANT QU'INHIBITEURS DE LA PHOSPHATASE  
[72] GUERTIN, KEVIN RICHARD, US  
[72] SETTI, LINA QUATTROCCHIO, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/EP2002/014771)  
[87] 2003-07-10 (WO2003/055883)  
[30] US (60/343,937) 2001-12-27  
[30] US (60/399,110) 2002-07-26

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[13] A1

[51] Int.Cl. 7C12N 15/12 7A61K 39/00  
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7A61K 38/17 7G01N 33/50 7G01N 33/53  
7C12Q 1/68 7C07K 14/705  
[25] EN  
[54] HUMAN NETRIN RECEPTOR AND USES THEREOF  
[54] PROTEINE TRANSMEMBRANAIRE  
[72] YORKE, MELANIE, CH  
[72] POWER, CHRISTINE, FR  
[72] PHELPS, CHRISTOPHER BENJAMIN, GB  
[72] FAGAN, RICHARD JOSEPH, GB  
[72] FITZGERALD, STEPHEN NOEL, GB  
[71] INPHARMATICA LIMITED, GB  
[85] 2004-06-21  
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[51] Int.Cl. 7A61K 31/716 7A61P 33/02  
7A61P 31/04 7A61P 31/10 7A61P 31/12  
7A61P 31/22  
[25] EN  
[54] COMPOSITION COMPRISING  
DEXTRINSULFATE FOR THE  
TREATMENT OF SEXUAL  
TRANSMITTED DISEASES (STD)  
[54] COMPOSITION A BASE DE  
SULFATE DE DEXTRINE DESTINEE  
AU TRAITEMENT DE MALADIES  
SEXUELLEMENT TRANSMISSIBLES  
(MST)  
[72] CHAPMAN, ALAN, GB  
[71] M.L. LABORATORIES PLC, GB  
[85] 2004-06-23  
[86] 2002-12-24 (PCT/GB2002/005926)  
[87] 2003-07-10 (WO2003/055498)  
[30] GB (0130756.0) 2001-12-24  
[30] GB (0205861.8) 2002-03-13  
[30] GB (0210735.7) 2002-05-10

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[13] A1

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7C07K 16/24 7C12Q 1/25 7C12Q 1/68  
[25] EN  
[54] SECRETED PROTEINS  
[54] PROTEINES SECRETEES  
[72] FAGAN, RICHARD JOSEPH, GB  
[72] GUTTERIDGE, ALEX, GB  
[72] PHELPS, CHRISTOPHER BENJAMIN,  
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[72] POWER, CHRISTINE, FR  
[71] INPHARMATICA LIMITED, GB  
[85] 2004-06-21  
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[87] 2003-07-10 (WO2003/055912)  
[30] GB (0130720.6) 2001-12-21

[21] 2,471,310  
[13] A1

[51] Int.Cl. 7C07D 501/04 7A61K 31/545  
[25] EN  
[54] AN IMPROVED SYNTHESIS OF  
CEFTIOFUR INTERMEDIATE  
[54] SYNTHESE AMELIOREE DE  
PRODUIT INTERMEDIAIRE DE  
CEFTIOFUR  
[72] DESHPANDE, PRAMOD NARAYAN,  
IN  
[72] KUMAR, SURULICHAMY SENTHIL,  
IN  
[72] DAS, GAUTAM KUMAR, IN  
[72] KHADANGALE, BHAUSAHEB  
PANDHARINATH, IN  
[71] ORCHID CHEMICALS AND  
PHARMACEUTICALS LIMITED, IN  
[85] 2004-06-30  
[86] 2002-08-13 (PCT/IB2002/003268)  
[87] 2003-07-10 (WO2003/055893)  
[30] US (10/035,178) 2002-01-04

[21] 2,471,316  
[13] A1

[51] Int.Cl. 7E21B 7/00  
[25] EN  
[54] METHOD FOR RETROFITTING  
CONCRETE STRUCTURES  
[54] PROCEDE DE REHABILITATION  
DE STRUCTURES EN BETON  
[72] ROJANSKY, MICHAEL J., US  
[72] SHIPP, JOHN, US  
[72] BREYER, KENNETH JOE, US  
[72] JOHNSON, BRADLEY STEVEN, US  
[72] HAMBURGER, RONALD, US  
[72] SMIETANA, ELWOOD, US  
[72] JOHNSTON, GEORGE EDWARD, US  
[72] JOHNSON, MARTIN, US  
[71] LOMA LINDA UNIVERSITY  
MEDICAL CENTER, US  
[85] 2004-06-29  
[86] 2003-02-14 (PCT/US2003/004854)  
[87] 2003-08-28 (WO2003/070654)  
[30] US (60/358,132) 2002-02-20  
[30] US (10/100,223) 2002-03-15

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[13] A1

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7C07K 14/245  
[25] EN  
[54] MODIFIED TETRACYCLINE  
REPRESSOR PROTEIN  
COMPOSITIONS AND METHODS OF  
USE  
[54] COMPOSITIONS DE  
REPRESSEURS DE TETRACYCLINE  
MODIFIES ET PROCEDES  
D'UTILISATION  
[72] HILLEN, WOLFGANG, DE  
[71] HILLEN, WOLFGANG, DE  
[85] 2004-06-21  
[86] 2002-12-23 (PCT/GB2002/005889)  
[87] 2003-07-10 (WO2003/056021)  
[30] US (60/343,278) 2001-12-21

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[13] A1

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[25] EN  
[54] AQUEOUS FRACTURING FLUID  
[54] LIQUIDE DE FRACTURATION  
AQUEUX  
[72] HUGHES, TREVOR, GB  
[72] COUILLET, ISABELLE, GB  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[85] 2004-06-21  
[86] 2002-12-20 (PCT/GB2002/005833)  
[87] 2003-07-10 (WO2003/056130)  
[30] GB (0130880.8) 2001-12-22

[21] 2,471,344  
[13] A1

[51] Int.Cl. 7F26B 3/30 7H05B 3/26  
[25] EN  
[54] ENERGY TRANSMITTER  
FORMING A COMPONENT OF A  
COATING AND/OR DRYING  
INSTALLATION, IN PARTICULAR FOR  
A PAINT COATING  
[54] TRANSMETTEUR D'ENERGIE  
FAISANT PARTIE D'UNE  
INSTALLATION DE REVETEMENT OU  
DE SECHAGE, NOTAMMENT POUR UN  
REVETEMENT DE PEINTURE  
[72] REICHELT, HELMUT, DE  
[71] MOLEATHERM HOLDING AG, CH  
[85] 2004-06-21  
[86] 2002-11-30 (PCT/EP2002/013551)  
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[30] EP (01130788.1) 2001-12-22

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[13] A1

[51] Int.Cl. 7B27N 3/14  
[25] EN  
[54] DISPERSION SYSTEM FOR DISPERSING MATERIAL, ESPECIALLY WOOD CHIPS, WOOD-FIBRE OR SIMILAR, ON A DISPERSING CONVEYOR BELT  
[54] INSTALLATION POUR DISPERSER UN MATERIAU, NOTAMMENT DES COPEAUX DE BOIS, DES FIBRES DE BOIS OU SIMILAIRES ENCOLLES, SUR UNE BANDE TRANPORTEUSE APPROPRIEE  
[72] GAWLITTA, WERNER, NL  
[72] GERHARDT, KLAUS, DE  
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE  
[85] 2004-06-21  
[86] 2002-12-12 (PCT/EP2002/014140)  
[87] 2003-07-03 (WO2003/053642)  
[30] DE (101 63 054.9) 2001-12-21

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[25] EN  
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[30] AU (PR9756) 2001-12-24

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[54] CUVE TOROIDALE POUR DES APPLICATIONS DE DISTRIBUTION UNIFORME DE FLUIDE A ECOULEMENT EN PISTON  
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[71] AMALGAMATED RESEARCH, INC., US  
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[54] SYSTEMES CAOUTCHOUEUX POUR LE RENFORCEMENT DE SURFACES  
[72] HORNUNG, MARTIN, DE  
[72] SAUER, RALF, DE  
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[30] DE (101 63 252.5) 2001-12-21

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[54] TECHNOLOGIE POLYGRAPHIQUE NON EFFRACTIVE BASEE SUR L'ANALYSE OPTIQUE  
[72] LUBARD, STEPHEN C., US  
[71] DEFENSE GROUP INC., US  
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[30] US (60/344,703) 2001-12-24

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[54] IMPLANT DE DISQUE RACHIDIEN  
[72] DAVIS, REGINALD J., US  
[71] SPINAL CONCEPTS INC., US  
[85] 2004-06-23  
[86] 2002-12-27 (PCT/US2002/041425)  
[87] 2003-07-17 (WO2003/057088)  
[30] US (10/035,052) 2001-12-28

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[13] A1

[51] Int.Cl. 7C02F 1/467  
[25] EN  
[54] ELECTROLYtic DEVICE AND METHOD FOR DISINFECTING WATER IN A WATER SUPPLY SYSTEM BY MEANS OF THE GENERATION OF ACTIVE CHLORINE  
[54] DISPOSITIF ELECTROLYTIQUE ET PROCEDE DE DESINFECTION DE L'EAU DANS UN SYSTEME D'APPROVISIONNEMENT EN EAU PAR LA GENERATION DE CHLORE ACTIF  
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[25] FR  
[54] ELECTROLYTE POLYMERÉ A HAUTE STABILITÉ, SON UTILISATION DANS LES SYSTEMES ELECTROCHIMIQUES  
[54] HIGHLY-STABLE POLYMERIC ELECTROLYTE AND USE THEREOF IN ELECTROCHEMICAL SYSTEMS  
[72] ALLAIRE, FRANCOIS, CA  
[72] ARMAND, MICHEL, CA  
[72] PERRIER, MICHEL, CA  
[72] GUERFI, ABDELBAST, CA  
[72] ZAGHIB, KARIM, CA  
[72] CHAREST, PATRICK, CA  
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[72] HALL, RONALD W., US  
[72] MEDEK, JAMES C., US  
[71] 3M INNOVATIVE PROPERTIES  
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[87] 2003-07-24 (WO2003/061147)  
[30] US (10/050,308) 2002-01-15

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[54] LOW WATER UPTAKE SILICAS  
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[72] CHEVALLIER, YVONICK, FR  
[71] RHODIA CHIMIE, FR  
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[13] A1

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LACKING THE ABILITY TO CONTROL  
LYMPHOCYTE MIGRATION  
[54] MODELE ANIMAL NON HUMAIN  
NE PRESENTANT PAS L'APTITUDE A  
REGULER LA MIGRATION DES  
LYMPHOCYTES  
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TECHNOLOGY AGENCY, JP  
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[30] JP (2002-707) 2002-01-07

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[25] EN  
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ASSEMBLY  
[54] ENSEMBLE REPLIABLE  
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[72] NYE, S. CURTIS, US  
[71] LIFETIME PRODUCTS, INC., US  
[85] 2004-06-22  
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[30] US (60/354,462) 2002-02-04  
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[25] EN  
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BREAKING  
[54] EXPLOSIF BRISE-ROCHE  
[72] VAN DYK, ANDRE, ZA  
[71] NXCO INTERNATIONAL LIMITED,  
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[85] 2004-06-30  
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[30] ZA (2001/5468) 2002-01-03

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[25] EN  
[54] NOVEL G-PROTEIN COUPLED  
RECEPTORS  
[54] NOUVEAUX RECEPTEURS  
COUPLES AUX PROTEINES G  
[72] POWERS, SCOTT, US  
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[25] EN  
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[54] COMPOSITIONS DE  
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[71] STRATAGENE CALIFORNIA, US  
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[13] A1

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[25] EN  
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CATALYSTS FOR CARBON  
MONOXIDE HYDROGENATION  
[54] REGENERATION DE  
CATALYSEURS SUPPORTES POUR  
HYDROGENATION DE MONOXYDE  
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[72] KOVEAL, RUSSELL JOHN, US  
[72] CLARK, JANET RENEE, US  
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[71] EXXONMOBIL RESEARCH AND  
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[25] EN  
[54] METHOD AND INSTALLATION  
FOR PRODUCING A HOT ROLLED  
STRIP FROM AUSTENITIC RUST-  
RESISTANT STEELS  
[54] PROCEDE ET DISPOSITIF DE  
PRODUCTION DE FEUILLARD  
LAMINE A CHAUD A PARTIR  
D'ACIERS AUSTENITIQUES  
INOXYDABLES  
[72] SCHUSTER, INGO, DE  
[72] ALBEDYHL, MANFRED, DE  
[71] SMS DEMAG  
AKTIENGESELLSCHAFT, DE  
[85] 2004-06-22  
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[13] A1

[51] Int.Cl. 7B24D 18/00 7B24D 11/02  
[25] EN  
[54] BACKING AND ABRASIVE  
PRODUCT MADE WITH THE  
BACKING AND METHOD OF MAKING  
AND USING THE BACKING AND  
ABRASIVE PRODUCT  
[54] SUPPORT ET PRODUIT ABRASIF  
FABRIQUE AVEC CE SUPPORT ET  
PROCEDE DE FABRICATION ET  
D'UTILISATION DE CE SUPPORT ET  
DE CE PRODUIT ABRASIF  
[72] ANNEN, MICHAEL J., US  
[72] WOO, EDWARD J., US  
[72] SYVERSON, DAIDRE L., US  
[72] BRAUNSCHWEIG, EHRICH J., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-06-22  
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MODIFIE  
[54] STEAM-CRACKING OF  
MODIFIED NAPHTHA  
[72] BOUVART, FRANCOIS, FR  
[72] DUCHESNES, ROBERT, FR  
[72] GUTLE, CLAUDE, FR  
[71] ATOFINA, FR  
[71] TOTALFINAEL FRANCE, FR  
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[87] 2003-07-17 (WO2003/057802)  
[30] FR (02/00244) 2002-01-10

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[54] DISPOSITIF DE PREPARATION DE  
BOISSONS A GLACE CONCASSEE  
[72] ECKERMAN, SCOTT, US  
[72] SMALL, DAVID, US  
[72] FARLEY, BRIAN, US  
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[71] SPIN MASTER LTD., CA  
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7B01D 33/70  
[25] EN  
[54] WATER STRIPPING AND  
CATALYST/LIQUID PRODUCT  
SEPARATION SYSTEM  
[54] STRIPAGE D'EAU ET SYSTEME  
DE SEPARATION DE PRODUIT  
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[72] MELQUIST, VINCENT H., US  
[72] MOHEDAS, SERGIO R., US  
[72] ESPINOZA, RAFAEL L., US  
[71] CONOCOPHILLIPS COMPANY, US  
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[30] US (10/034,452) 2001-12-28

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[13] A1

[51] Int.Cl. 7A61M 5/00  
[25] EN  
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REDUCING THERAPEUTIC DOSAGE  
[54] PROCEDE ET DISPOSITIF DE  
REDUCTION DE DOSAGE  
THERAPEUTIQUE  
[72] ALCHAS, PAUL G., US  
[72] DOWN, JAMES A., US  
[72] PETTIS, RONALD J., US  
[71] BECTON, DICKINSON AND  
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[71] HARVEY, NOEL G., US  
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[54] INTEGRATED COOLING DUCT FOR RESIN-ENCAPSULATED DISTRIBUTION TRANSFORMER COILS  
[54] CONDUIT DE REFROIDISSEMENT INTEGRE POUR DES BOBINES DE TRANSFORMATEUR DE DISTRIBUTION ENFERMEES DANS UNE RESINE  
[72] MITCHELL, MICHAEL J., US  
[72] SARVER, CHARLIE H., US  
[72] PAULEY, WILLIAM E., US  
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[54] SYSTEME DE TRANSMISSION DE DONNEES  
[72] KNUTSSON, JAN, SE  
[72] SANDSTROEM, LARS, SE  
[72] RAMSTROEM, MIKAEL, SE  
[72] PETTERSSON, ROLAND, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2004-06-22  
[86] 2003-01-14 (PCT/SE2003/000038)  
[87] 2003-07-17 (WO2003/058030)  
[30] SE (0200085-9) 2002-01-14  
[30] SE (0200086-7) 2002-01-14

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[13] A1

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[25] EN  
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[54] COMBINAISONS COMPRENANT DES EPOTHILONES ET DES ANTIMETABOLITES  
[72] MCSHEEHY, PAUL M. J., DE  
[72] HOHNEKER, JOHN ARTHUR, US  
[72] ROTHERMEL, JOHN DAVID, US  
[71] NOVARTIS AG, CH  
[85] 2004-06-23  
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[30] US (60/348,622) 2002-01-14  
[30] US (60/416,173) 2002-10-04

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[25] EN  
[54] GLASS LAMINATION PROCESS AND APPARATUS  
[54] PROCEDE ET APPAREIL DE STRATIFICATION DE VERRE  
[72] BOURCIER, DAVID PAUL, US  
[72] KORAN, FRANCOIS ANDRE, US  
[72] CROMMEN, JAN HERBERT  
LILIANE, MX  
[71] SOLUTIA INC., US  
[85] 2004-06-23  
[86] 2002-12-23 (PCT/US2002/041035)  
[87] 2003-07-17 (WO2003/057478)  
[30] US (60/344,263) 2001-12-27  
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[25] EN  
[54] EMERGENCY CALL AND PATIENT LOCATING SYSTEM FOR IMPLANTED AUTOMATIC DEFIBRILLATORS  
[54] SYSTEME DE COMMUNICATION D'URGENCE ET DE LOCALISATION DU PATIENT POUR DEFIBRILLATEURS AUTOMATIQUES IMPLANTES  
[72] NEE, WRIGHT JAKEN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-06-22  
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[87] 2003-07-24 (WO2003/059145)  
[30] US (10/041,937) 2002-01-08

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[54] SOUPAPE DE GESTION DE FLUIDE  
[72] HOUDE, ERIC, US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-06-22  
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[87] 2003-07-24 (WO2003/059432)  
[30] US (10/043,052) 2002-01-09

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7A61K 47/26 7A61K 47/34 7A61K 47/36  
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[25] EN  
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[54] NOUVELLE MICROSPHERE ET SON PROCEDE DE PRODUCTION  
[72] ARAI, JIICHI, JP  
[72] FUTO, TOMOMICHI, JP  
[72] YAMAMOTO, KAZUMICHI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
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[30] JP (2001-394663) 2001-12-26

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7C03C 17/42  
[25] EN  
[54] LIMITED VISIBLE  
TRANSMISSION BLUE GLASSES  
[54] VERRES BLEUS A TRANSMISSION  
DANS LE VISIBLE LIMITEE  
[72] ARBAB, MEHRAN, US  
[72] SHELESTAK, LARRY J., US  
[72] SMITH, DENNIS G., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-06-22  
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[87] 2003-07-24 (WO2003/059832)  
[30] US (10/047,353) 2002-01-14

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[51] Int.Cl. 7G11B 7/00 7G11B 11/00  
[25] EN  
[54] WRITE-ONCE TYPE OPTICAL  
DISC, AND METHOD AND APPARATUS  
FOR MANAGING DEFECTIVE AREAS  
ON WRITE-ONCE TYPE OPTICAL  
DISC  
[54] DISQUE OPTIQUE DU TYPE NON  
REINSCRIPTIBLE, PROCEDE ET  
APPAREIL POUR GERER LES ZONES  
DEFECTUEUSES SUR DISQUE  
OPTIQUE NON REINSCRIPTIBLE  
[72] KIM, SUNG DAE, KR  
[72] PARK, YONG CHEOL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-06-22  
[86] 2003-09-26 (PCT/KR2003/001974)  
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[30] KR (10-2002-0058515) 2002-09-26  
[30] KR (10-2003-0001856) 2003-01-11

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THEREOF AS NHE-3 INHIBITORS  
[54] 4-ARYL-CHINAZOLINES ET  
UTILISATION EN TANT  
QU'INHIBITEURS DE NHE-3  
[72] GERICKE, ROLF, DE  
[72] WILM, CLAUDIA, DE  
[72] BEIER, NORBERT, DE  
[71] MERCK PATENT GESELLSCHAFT  
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[87] 2003-07-10 (WO2003/055490)  
[30] DE (101 63 992.9) 2001-12-24

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[25] EN  
[54] DEVICE FOR DEFINING A  
HANDLE IN A TUBULAR COVERING  
FOR A FOOD PRODUCT  
[54] DISPOSITIF PERMETTANT DE  
DEFINIR UNE POIGNEE DANS UNE  
ENVELOPPE TUBULAIRE DESTINEE A  
UN PRODUIT ALEMENTAIRE  
[72] AILEY, HARRISON A., US  
[72] BREWSTER, BRADFORD L., US  
[72] MAY, DENNIS J., US  
[72] BRUCE, RICHARD SCOTT, US  
[72] GRIGGS, SAMUEL D., US  
[71] ACRALOC CORPORATION, US  
[71] DELWARE CAPITAL FORMATION,  
INC., DE  
[85] 2004-06-22  
[86] 2003-01-10 (PCT/US2003/000752)  
[87] 2003-07-24 (WO2003/059747)  
[30] US (60/347,477) 2002-01-11

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[13] A1

[51] Int.Cl. 7B60G 21/00  
[25] EN  
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EQUALIZER  
[54] EGALISATEUR D'ENSEMBLE  
ISOLANT DE SUSPENSION  
[72] FENTON, E. DALE, US  
[71] ADVANCED DESIGNED SYSTEMS  
INC., US  
[85] 2004-06-22  
[86] 2003-10-27 (PCT/US2003/033910)  
[87] 2004-05-06 (WO2004/037568)  
[30] US (60/421,234) 2002-10-25

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[13] A1

[51] Int.Cl. 7A61K 45/00 7A61P 43/00  
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[25] EN  
[54] AGENTS FOR TREATING MILD  
COGNITIVE IMPAIRMENT  
[54] REMEDES CONTRE LES  
TROUBLES COGNITIFS LEGERS  
[72] MIYAMOTO, MASAOMI, JP  
[72] OHKAWA, SHIGENORI, JP  
[72] TAKAHASHI, HIDEKI, JP  
[72] FUKUMOTO, HIROAKI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 2004-06-22  
[86] 2002-12-25 (PCT/JP2002/013478)  
[87] 2003-07-10 (WO2003/055521)  
[30] JP (2001-394236) 2001-12-26

[21] 2,471,535  
[13] A1

[51] Int.Cl. 7B29C 49/42  
[25] EN  
[54] MOLD ASSEMBLY FOR BLOW  
MOLDING PLASTIC ARTICLES AND  
METHOD OF USE  
[54] MOULE D'EXTRUSION-  
SOUFFLAGE D'ARTICLES EN  
PLASTIQUE ET SON PROCEDE  
D'UTILISATION  
[72] ELGNER, ROGER, CA  
[72] SADR, CHANGIZE, CA  
[71] SALFLEX POLYMERS LTD., CA  
[85] 2004-06-22  
[86] 2003-02-11 (PCT/CA2003/000191)  
[87] 2003-08-21 (WO2003/068484)  
[30] US (10/071,251) 2002-02-11

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[13] A1

[51] Int.Cl. 7A61K 31/535 7A61K 31/495  
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[25] EN  
[54] NON-NUCLEOSIDIC INHIBITORS  
OF REVERSE TRANSCRIPTASE AS  
ANTAGONISTS OF CELL  
PROLIFERATION AND INDUCERS OF  
CELL DIFFERENTIATION  
[54] INHIBITEURS NON  
NUCLEOSIDIQUES DE LA  
TRANSCRIPTASE INVERSE UTILISES  
EN TANT QU'ANTAGONISTES DE  
PROLIFERATION CELLULAIRE ET EN  
TANT QU'INDUCTEURS DE  
DIFFERENTIATION CELLULAIRE  
[72] SPADAFORA, CORRADO, IT  
[72] LAVIA, PATRIZIA, IT  
[72] NERVI, CLARA, IT  
[72] MATTEI, ELISABETTA, IT  
[72] LORENZINI, RODOLFO NELLO, IT  
[72] PALOMBINI, GUGLIELMO, IT  
[72] GRANITO, ALFREDO, IT  
[71] ISTITUTO SUPERIORE DI SANITA,  
IT  
[71] GRANITO, ALFREDO, IT  
[85] 2004-06-23  
[86] 2002-12-23 (PCT/EP2002/014727)  
[87] 2003-07-10 (WO2003/055493)  
[30] IT (RM2001A000767) 2001-12-24  
[30] IT (MI2002A001833) 2002-08-19

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[13] A1

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7G02B 6/293 7G02B 6/34 7G02B 6/35  
[25] EN  
[54] OPTICAL SPECTRAL POWER MONITORS EMPLOYING TIME-DIVISION-MULTIPLEXING DETECTION SCHEMES  
[54] CONTROLEURS DE PUISSANCE SPECTRALE OPTIQUE UTILISANT DES SCHEMAS DE DETECTION A MULTIPLEXAGE TEMPOREL  
[72] GARRETT, MARK H., US  
[72] WILDE, JEFFREY P., US  
[72] POLYNKIN, PAVEL G., US  
[71] CAPELLA PHOTONICS, INC., US  
[85] 2004-06-25  
[86] 2002-12-09 (PCT/US2002/039137)  
[87] 2003-07-17 (WO2003/058183)  
[30] US (10/033,549) 2001-12-27

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR CREATING AND TRADING DYNAMIC SECURITIES  
[54] SYSTEMES ET PROCEDES DE CREATION ET D'ECHANGE DE VALEURS DYNAMIQUES  
[72] GILBERT, ANDREW C. (DECEASED), US  
[71] ESPEED, INC., US  
[85] 2004-06-25  
[86] 2002-12-18 (PCT/US2002/040814)  
[87] 2003-07-17 (WO2003/058392)  
[30] US (10/042,371) 2001-12-27

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[13] A1

[51] Int.Cl. 7H01M 2/14 7H01M 8/02  
7H01M 2/16 7H01M 2/18 7H01M 8/24  
[25] EN  
[54] A FUEL CELL GAS SEPARATOR  
[54] SEPARATEUR DE GAZ POUR PILE A COMBUSTIBLE  
[72] LAWRENCE, JEREMY CARL, DE  
[72] BARKER, JARROD DAVID, AU  
[71] CERAMIC FUEL CELLS LIMITED, AU  
[85] 2004-07-05  
[86] 2003-02-26 (PCT/AU2003/000235)  
[87] 2003-09-04 (WO2003/073533)  
[30] AU (PS 0765) 2002-02-26  
[30] AU (PCT/AU02/00939) 2002-07-13

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[13] A1

[51] Int.Cl. 7A61B 5/00 7G01N 21/31  
7G01N 21/35  
[25] EN  
[54] SAMPLE IDENTIFICATION, CHEMICAL COMPOSITION ANALYSIS AND TESTING OF PHYSICAL STATE OF THE SAMPLE USING SPECTRA OBTAINED AT DIFFERENT SAMPLE TEMPERATURES  
[54] IDENTIFICATION D'ECHANTILLON, ANALYSE DE LA COMPOSITION CHIMIQUE ET EVALUATION DE L'ETAT PHYSIQUE DE L'ECHANTILLON AU MOYEN DES SPECTRES OBTENUS A DIFFERENTES TEMPERATURES DE L'ECHANTILLON  
[72] PAWLUCZYK, ROMUALD, CA  
[72] SAMPARA, KARL, CA  
[72] LI, MANG, CA  
[72] HU, SHEU-JU, CA  
[71] CME TELEMETRIX INC., CA  
[85] 2004-07-05  
[86] 2003-01-06 (PCT/CA2003/000006)  
[87] 2003-07-10 (WO2003/055381)  
[30] US (60/344,345) 2002-01-04

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[13] A1

[51] Int.Cl. 7G06F 9/44 7G06F 17/27  
[25] EN  
[54] TWO TIER PASTE BUFFER AND DISPLAY  
[54] MEMOIRE TAMPON D'INSERTION A DEUX ETAGES ET AFFICHEUR  
[72] BATES, CARY LEE, US  
[72] SANTOSUSSO, JOHN MATTHEW, US  
[72] TIMON, VINCENT THOMAS III, US  
[72] MARTINO, GILFORD FRANCIS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-06-22  
[86] 2002-10-28 (PCT/GB2002/004905)  
[87] 2003-08-07 (WO2003/065209)  
[30] US (10/062,128) 2002-01-31

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[13] A1

[51] Int.Cl. 7A61P 25/00 7A61K 38/17  
7A61K 38/19 7A61K 38/21  
[25] EN  
[54] TUMOR NECROSIS FACTOR COMBINED WITH INTERFERON IN DEMYELINATING DISEASES  
[54] FACTEUR DE NECROSE DE TUMEURS COMBINE A UN INTERFERON DANS LE TRAITEMENT DE MALADIES DEMYELINISANTES  
[72] DE LUCA, GIAMPIERO, CH  
[71] ARES TRADING S.A., CH  
[85] 2004-06-22  
[86] 2003-01-29 (PCT/EP2003/050006)  
[87] 2003-08-14 (WO2003/066165)  
[30] EP (02100110.2) 2002-02-06

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[13] A1

[51] Int.Cl. 7H01M 8/00  
[25] EN  
[54] HIGH TEMPERATURE FUEL CELL POWER PLANT  
[54] SYSTEME DE PILES A COMBUSTIBLE A HAUTE TEMPERATURE  
[72] KEEFER, BOWIE G., CA  
[71] QUESTAIR TECHNOLOGIES, INC., CA  
[85] 2004-07-05  
[86] 2003-01-27 (PCT/CA2003/000107)  
[87] 2003-07-31 (WO2003/063276)  
[30] US (60/351,798) 2002-01-25

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[21] 2,471,591  
[13] A1

[51] Int.Cl. 7C07G 1/00 7C11D 1/30  
7C11D 3/382 7C11D 1/64 7C11D 1/80  
[25] EN  
[54] HOUSEHOLD CLEANING AND/OR LAUNDRY DETERGENT COMPOSITIONS COMPRISING LIGNIN-DERIVED MATERIALS  
[54] COMPOSITIONS D'ENTRETIEN MENAGER ET/OU DE DETERGENT A LESSIVE COMPRENANT DES MATERIAUX DERIVES DE LA LIGNINE  
[72] SCHEIBEL, JEFFREY JOHN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-06-22  
[86] 2003-01-10 (PCT/US2003/000705)  
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[13] A1

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[25] EN  
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[54] AMIDES D'ACIDE 2-HETEROARYLCARBOXYLIQUE  
[72] WIESE, WELF BURKHARD, DE  
[72] MEFESSEL, CHRISTOPH, DE  
[72] LUITHLE, JOACHIM, DE  
[72] VAN KAMPEN, MARJA, DE  
[72] ERB, CHRISTINA, DE  
[72] BOEB, FRANK-GERHARD, DE  
[72] HENDRIX, MARTIN, DE  
[72] FLEBNER, TIMO, DE  
[71] BAYER HEALTHCARE AG, DE  
[85] 2004-06-23  
[86] 2002-12-16 (PCT/EP2002/014288)  
[87] 2003-07-10 (WO2003/055878)  
[30] DE (101 64 139.7) 2001-12-27

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[13] A1

[51] Int.Cl. 7H04L 29/06  
[25] EN  
[54] METHOD AND APPARATUS FOR WEB FARM TRAFFIC CONTROL  
[54] PROCEDE ET APPAREIL DE REGULATION DU TRAFIC DANS LES COMPLEXES WEB  
[72] WOLF, JOEL L., US  
[72] YU, PHILIP S., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-06-22  
[86] 2003-01-17 (PCT/GB2003/000167)  
[87] 2003-07-31 (WO2003/063447)  
[30] US (10/057,516) 2002-01-24

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[21] 2,471,595  
[13] A1

[51] Int.Cl. 7A61B 5/00  
[25] EN  
[54] DIAGNOSTIC INFORMATION SYSTEMS  
[54] SYSTEMES D'INFORMATIONS DE DIAGNOSTIC  
[72] MODROVICH, IVAN E., US  
[71] MODROVICH, IVAN E., US  
[85] 2004-06-23  
[86] 2002-12-30 (PCT/US2002/038986)  
[87] 2003-09-25 (WO2003/079137)  
[30] US (60/343,333) 2001-12-28

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[21] 2,471,597  
[13] A1

[51] Int.Cl. 7C08G 12/42 7C09B 67/00  
7C09D 17/00  
[25] EN  
[54] COPOLYMERS CONTAINING AMINOPLAST UNITS AND USE THEREOF AS A DISPERSING AGENT OR STABILIZER  
[54] COPOLYMERES RENFERMANT DES UNITES AMINOPLASTE ET LEUR UTILISATION EN TANT QU'AGENTS DISPERSANTS OU STABILISANTS  
[72] STEINMETZ, ALAN, US  
[72] SCHAUER, THADEUS, DE  
[72] GREISIGER, HEINZ, DE  
[72] SCHALL, NORBERT, DE  
[72] HUTH, SABINE, DE  
[72] COUTELLE, HELMUT, DE  
[72] KRAEMER, INGE, DE  
[72] DZWOK, KLAUS, DE  
[72] ENTENMANN, MARK, DE  
[71] SUD-CHEMIE AG, DE  
[85] 2004-06-23  
[86] 2002-12-17 (PCT/EP2002/014419)  
[87] 2003-07-10 (WO2003/055928)  
[30] DE (101 63 985.6) 2001-12-24

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[13] A1

[51] Int.Cl. 7A61G 5/00  
[25] EN  
[54] ADJUSTABLE SEATING SYSTEM  
[54] SYSTEME DE SIEGE REGLABLE  
[72] CERRETO, MATTHEW ROBERT, US  
[71] INVACARE CORPORATION, US  
[85] 2004-06-22  
[86] 2003-03-11 (PCT/US2003/007414)  
[87] 2003-09-25 (WO2003/077817)  
[30] US (60/364,301) 2002-03-13

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[21] 2,471,601  
[13] A1

[51] Int.Cl. 7C12Q 1/42 7A61P 5/00  
[25] EN  
[54] HIGHLY SENSITIVE AND CONTINUOUS PROTEIN-TYROSINE-PHOSPHATASE (PTPASE) TEST USING 6,8 DIFLUORO-4-METHYL-UMBELLIFERYLPHOSPHATE  
[54] TEST DE DETECTION A HAUTE SENSIBILITE ET EN CONTINU D'UNE PROTEINE TYROSINE PHOSPHATASE (PTPASE) AU MOYEN DE 6,8-DIFLUORO-4-METHYL-UMBELLIFERYLPHOSPHATE  
[72] PETRY, STEFAN, DE  
[72] WELTE, STEFAN, DE  
[72] TENNAGELS, NORBERT, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2004-07-05  
[86] 2002-12-24 (PCT/EP2002/014755)  
[87] 2003-07-10 (WO2003/056029)  
[30] DE (102 00 173.1) 2002-01-04  
[30] DE (102 36 329.3) 2002-08-08

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[21] 2,471,603  
[13] A1

[51] Int.Cl. 7C01B 31/02  
[25] EN  
[54] IRON/CARBON COMPOSITE, CARBONACEOUS MATERIAL COMPRISING THE IRON/CARBON COMPOSITE, AND PROCESS FOR PRODUCING THE SAME  
[54] COMPOSITE FER/CARBONE, MATIERE CARBONEE COMPRENANT CE COMPOSITE FER/CARBONE ET PROCEDE DE PRODUCTION CORRESPONDANT  
[72] OKIMI, KATSUHIDE, JP  
[72] NAKAOKA, HARUYUKI, JP  
[72] NISHINO, HITOSHI, JP  
[72] NISHIDA, RYOICHI, JP  
[72] MATSUI, TAKEO, JP  
[71] OSAKA GAS COMPANY LIMITED, JP  
[85] 2004-06-22  
[86] 2002-07-19 (PCT/JP2002/007340)  
[87] 2003-09-25 (WO2003/078316)  
[30] JP (2002-71937) 2002-03-15

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[21] 2,471,605  
[13] A1

[51] Int.Cl. 7A01N 59/16  
[25] EN  
[54] THE LIQUID COMPOSITION FOR PROMOTING PLANT GROWTH, WHICH INCLUDES NANO-PARTICLE TITANIUM DIOXIDE  
[54] COMPOSITION LIQUIDE POUR FAVORISER LA CROISSANCE VEGETALE, CONTENANT DU DIOXYDE DE TITANE NANOPARTICULAIRE  
[72] CHOI, KWANG-SOO, KR  
[72] CHOI, HYOUNG-SONG, KR  
[72] LEE, SANG-HOON, KR  
[71] CHOI, KWANG-SOO, KR  
[85] 2004-06-23  
[86] 2002-11-16 (PCT/KR2002/002142)  
[87] 2003-07-24 (WO2003/059070)  
[30] KR (2002-0002388) 2002-01-15

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[13] A1

[51] Int.Cl. 7A61K 7/32  
[25] EN  
[54] COSMETIC COMPOSITIONS COMPRISING A CYCLODIPEPTIDE COMPOUND  
[54] COMPOSITIONS COSMETIQUES CONTENANT UN COMPOSE CYCLODIPEPTIDIQUE  
[72] FRANKLIN, KEVIN RONALD, GB  
[71] UNILEVER PLC, GB  
[85] 2004-06-23  
[86] 2002-12-19 (PCT/EP2002/014523)  
[87] 2003-07-24 (WO2003/059306)  
[30] GB (0201164.1) 2002-01-18  
[30] GB (0217840.8) 2002-08-01

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[21] 2,471,608  
[13] A1

[51] Int.Cl. 7E04C 5/01  
[25] EN  
[54] FIBRE REINFORCED CONCRETE  
[54] BETON ARME PAR FIBRES  
[72] PILAKOUTAS, KYPROS, GB  
[72] WALDRON, PETER, GB  
[71] UNIVERSITY OF SHEFFIELD, GB  
[85] 2004-06-23  
[86] 2002-12-20 (PCT/GB2002/005827)  
[87] 2003-07-10 (WO2003/056112)  
[30] GB (0130852.7) 2001-12-24

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[13] A1

[51] Int.Cl. 7A61K 7/32  
[25] EN  
[54] COSMETIC COMPOSITIONS COMPRISING A CYCLODIPEPTIDE COMPOUND  
[54] COMPOSITIONS COSMETIQUES RENFERMANT UN COMPOSE CYCLODIPEPTIDIQUE  
[72] FINDLAY, PAUL HUGH, GB  
[72] WHITE, MICHAEL STEPHEN, GB  
[72] WEBB, NICHOLAS, GB  
[72] FAIRCLOUGH, COLETTE MARIE, GB  
[72] BHATIA, SHAMEEM, GB  
[72] ESCH, VAN JAN, NL  
[72] FRANKLIN, KEVIN RONALD, GB  
[71] UNILEVER PLC, GB  
[85] 2004-06-23  
[86] 2002-12-19 (PCT/EP2002/014525)  
[87] 2003-07-24 (WO2003/059307)  
[30] GB (0201164.1) 2002-01-18  
[30] GB (0217840.8) 2002-08-01

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[21] 2,471,612  
[13] A1

[51] Int.Cl. 7B31F 1/07  
[25] EN  
[54] EMBOSsing ROLL WITH REMOVABLE PLATES  
[54] ROULEAU GAUFREUR A PLAQUES AMOVIBLES  
[72] PAPADOPoulAS, JEREMY JAMES MICHAEL, US  
[71] PAPER CONVERTING MACHINE COMPANY, US  
[85] 2004-06-22  
[86] 2002-08-26 (PCT/US2002/027304)  
[87] 2003-12-04 (WO2003/099546)  
[30] US (10/153,335) 2002-05-22

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[21] 2,471,613  
[13] A1

[51] Int.Cl. 7B65D 75/58  
[25] EN  
[54] ADHESIVE LABEL, RESEALABLE PACKAGE AND LABEL WEB  
[54] ETIQUETTE ADHESIVE, EMBALLAGE REFERMABLE ET FEUILLE D'ETIQUETTES  
[72] NORLIN, CARL-OLOF, SE  
[72] ANDERSSON, THOMAS, SE  
[71] REGATH HB, SE  
[85] 2004-06-23  
[86] 2002-12-23 (PCT/SE2002/002438)  
[87] 2003-07-24 (WO2003/059776)  
[30] SE (0104399-1) 2001-12-27

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[13] A1

[51] Int.Cl. 7E21B 43/10 7E21B 23/00  
7E21B 4/18  
[25] EN  
[54] APPARATUS FOR TRANSLATING A ROTARY EXPANDER TOOL DOWNHOLE  
[54] APPAREIL POUR DEPLACER UN OUTIL EXPANDEUR ROTATIF A L'INTERIEUR D'UN FOND DE TROU  
[72] LUKE, MIKE, US  
[72] NORMAN, DALE, US  
[72] LAURITZEN, ERIC J., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2004-06-23  
[86] 2002-12-23 (PCT/GB2002/005897)  
[87] 2003-07-10 (WO2003/056128)  
[30] US (10/034,592) 2001-12-28

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[21] 2,471,620  
[13] A1

[51] Int.Cl. 7C07D 401/14 7A61P 3/04  
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7C07D 405/14 7C07D 409/14 7C07D 207/  
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31/403 7C07C 211/54 7C07C 211/56  
[25] EN  
[54] PYRROLIDONE CARBOXAMIDES  
[54] CARBOXAMIDES DE PYRROLIDONE  
[72] VALDENAIRE, OLIVER, CH  
[72] BREU, VOLKER, DE  
[72] GILLER, THOMAS, CH  
[72] SCHWALM, GUNTER, CH  
[72] ISLER, MARKUS, CH  
[72] STEGER, MATTHIAS, CH  
[72] HILPERT, KURT, CH  
[71] ACTELION PHARMACEUTICALS LTD., CH  
[85] 2004-06-23  
[86] 2002-12-27 (PCT/CH2002/000725)  
[87] 2003-07-24 (WO2003/059905)  
[30] CH (2381/01) 2001-12-31  
[30] CH (PCT/CH02/00429) 2002-08-05

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[13] A1

[51] Int.Cl. 7C08F 20/34 7C08F 8/00  
7D06M 15/267  
[25] EN  
[54] AZETIDINIUM MODIFIED POLYMERS AND FABRIC TREATMENT COMPOSITION  
[54] POLYMERES MODIFIES A L'AZETIDINIUM ET COMPOSITION DE TRAITEMENT DE TISSU  
[72] FINDLAY, PAUL HUGH, GB  
[72] HUNTER, JOSEPH EDWARD, GB  
[72] PARKER, ANDREW PHILIP, GB  
[72] BATCHELOR, STEPHEN NORMAN, GB  
[72] RANNARD, STEVEN, GB  
[71] UNILEVER PLC, GB  
[85] 2004-06-23  
[86] 2002-12-10 (PCT/EP2002/013959)  
[87] 2003-07-24 (WO2003/059967)  
[30] GB (0201165.8) 2002-01-18

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[13] A1

[51] Int.Cl. 7G01T 1/00  
[25] EN  
[54] SYSTEM AND METHOD FOR FLUORESCENCE DETECTION  
[54] NOUVEAU DISPOSITIF, SYSTEME ET PROCEDE POUR LA DETECTION PAR FLUORESCENCE  
[72] GREENBERG, ZVI, IL  
[72] FAKTOR, OURIEL, IL  
[72] FISH, FALK, IL  
[71] INVERNESS MEDICAL SWITZERLAND GMBH, CH  
[85] 2004-06-23  
[86] 2002-12-26 (PCT/IL2002/001040)  
[87] 2003-07-24 (WO2003/060461)  
[30] US (60/342,392) 2001-12-27

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[13] A1

[51] Int.Cl. 7H04L 25/02  
[25] EN  
[54] ADAPTIVE THRESHOLDING ALGORITHM FOR THE NOISE DUE TO UNKNOWN SYMBOLS IN CORRELATION BASED CHANNEL IMPULSE RESPONSE (CIR) ESTIMATE  
[54] ALGORITHME ADAPTATIF D'IMPOSITION DE SEUIL APPLIQUE AU BRUIT RESULTANT DE SYMBOLES INCONNUS DANS L'ESTIMATION DE LA REPONSE IMPULSIONNELLE DE CANAUX (CIR) BASEE SUR LA CORRELATION  
[72] NERAYANURU, SREENIVASA M., US  
[72] FIMOFF, MARK, US  
[72] PLADDY, CHRISTOPHER J., US  
[71] ZENITH ELECTRONICS CORPORATION, US  
[85] 2004-06-22  
[86] 2003-05-16 (PCT/US2003/015455)  
[87] 2003-12-11 (WO2003/103245)  
[30] US (60/383,919) 2002-05-29  
[30] US (10/227,661) 2002-08-26

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**[21] 2,471,629**  
[13] A1

[51] Int.Cl. 7B32B 9/00  
[25] EN  
[54] IMPROVED THERMAL INTERFACE MATERIAL  
[54] MATERIAU D'INTERFACE THERMIQUE AMELIORE  
[72] KRASSOWSKI, DANIEL W., US  
[72] GREINKE, RONALD A., US  
[71] GRAFTECH INC., US  
[85] 2004-06-25  
[86] 2002-12-16 (PCT/US2002/040238)  
[87] 2003-07-17 (WO2003/057475)  
[30] US (10/027,207) 2001-12-26

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**[21] 2,471,632**  
[13] A1

[51] Int.Cl. 7B65D 19/44  
[25] EN  
[54] SYSTEM AND METHOD FOR PRODUCING A DISPOSABLE/ RECYCLABLE PALLET  
[54] SYSTEME ET PROCEDE DE PRODUCTION D'UNE PALETTE PERDUE/RECYCLABLE  
[72] LUCAS, PHILIP J., US  
[71] COORS BREWING COMPANY, US  
[85] 2004-06-25  
[86] 2002-12-04 (PCT/US2002/038737)  
[87] 2003-07-17 (WO2003/057570)  
[30] US (10/033,029) 2001-12-26

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**[21] 2,471,634**  
[13] A1

[51] Int.Cl. 7H04L 12/14 7H04M 15/00  
[25] EN  
[54] SYSTEM AND METHOD OF BILLING BASED ON THE REPORTED TRAFFIC LOAD IN A PACKET-ORIENTED TELECOMMUNICATIONS NETWORK  
[54] SYSTEME ET PROCEDE DE FACTURATION SUR LA BASE D'UN COMPTE RENDU DE CHARGE DE TRAFIC DANS UN RESEAU DE TELECOMMUNICATIONS ORIENTE PAQUETS  
[72] CHANEY, ADAM, US  
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2004-06-22  
[86] 2003-01-04 (PCT/IB2003/000009)  
[87] 2003-07-10 (WO2003/056753)  
[30] US (10/038,934) 2002-01-04

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**[21] 2,471,635**  
[13] A1

[51] Int.Cl. 7A61K 45/06 7A61P 3/10  
7A61K 31/445 7A61K 31/70  
[25] EN  
[54] PHARMACEUTICAL COMPOSITION COMPRISING AN ALPHA-GLUCOSIDASE INHIBITOR AND A 4-OXOBUTANOIC ACID, AND THE USE THEREOF FOR TREATING DIABETES  
[54] COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR DE LA GLUCOSIDASE-ALPHA AINSI QUE DE L'ACIDE 4-OXOBUTANOIQUE ET SON UTILISATION DANS LE TRAITEMENT DU DIABETE  
[72] MOINET, GERARD, FR  
[72] MARAIS, DOMINIQUE, FR  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-06-25  
[86] 2002-12-07 (PCT/EP2002/013893)  
[87] 2003-07-10 (WO2003/055523)  
[30] FR (0117041) 2001-12-28

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**[21] 2,471,645**  
[13] A1

[51] Int.Cl. 7A61K 47/48  
[25] EN  
[54] IMMUNOCONJUGATES USEFUL FOR TREATMENT OF TUMOURS  
[54] NOUVEAUX IMMUNOCONJUGUES UTILES POUR LE TRAITEMENT DE TUMEURS  
[72] MUYLDERMANS, SERGE, BE  
[72] DE BAETSELIER, PATRICK, BE  
[72] CORTEZ-RETAMOZO, VIRNA, BE  
[72] REVETS, HILDE, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW (VIB), BE  
[85] 2004-06-25  
[86] 2002-12-23 (PCT/EP2002/014842)  
[87] 2003-07-10 (WO2003/055527)  
[30] EP (02075048.5) 2002-01-03  
[30] EP (02077734.8) 2002-07-09

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**[21] 2,471,646**  
[13] A1

[51] Int.Cl. 7C07D 213/30 7C07D 213/00  
7C07D 263/00 7C07D 413/12  
[25] EN  
[54] PROCESSES AND INTERMEDIATES USEFUL IN PREPARING .BETA.3-ADRENERGIC RECEPTOR AGONISTS  
[54] PROCEDES ET INTERMEDIAIRES UTILES DANS LA PREPARATION D'AGONISTES DU RECEPTEUR .BETA.3-ADRENERGIQUE  
[72] CHAMBERS, ROBERT JAMES, US  
[72] WONG, JOHN WING, US  
[72] DUGGER, ROBERT WAYNE, US  
[72] KANG, MING, US  
[72] TAO, YONG, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-06-25  
[86] 2003-02-17 (PCT/IB2003/000561)  
[87] 2003-09-04 (WO2003/072547)  
[30] US (60/360,286) 2002-02-27

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**[21] 2,471,651**  
[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 29/00  
7A61P 37/08 7A61K 9/14 7A61K 47/38  
7A61K 31/55  
[25] EN  
[54] AMORPHOUS SUBSTANCE OF TRICYCLIC TRIAZOLOBENZAZEPINE DERIVATIVE  
[54] SUBSTANCE AMORPHE D'UN DERIVE DE TRIAZOLOBENZAZEPINE TRICYCLIQUE  
[72] ISHIKURA, TOYOAKI, JP  
[72] ISHIWATA, MAYUMI, JP  
[72] UDAGAWA, CHIKAKO, JP  
[72] SUEMUNE, KENJI, JP  
[72] ISHIZAWA, TAKAYUKI, JP  
[71] MEIJI SEIKA KAISHA, LTD., JP  
[85] 2004-06-25  
[86] 2002-12-25 (PCT/JP2002/013558)  
[87] 2003-07-10 (WO2003/055886)  
[30] JP (2001-393016) 2001-12-26

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**[21] 2,471,654**  
[13] A1

[51] Int.Cl. 7C10M 177/00 7B01J 13/02  
[25] EN  
[54] METHOD FOR THE PRODUCTION OF A SELF-LUBRICATING POLYMER MATERIAL FOR SEALING ELEMENTS  
[54] PROCEDE DE PRODUCTION D'UNE MATIERE POLYMERE AUTOLUBRIFIANTE POUR ELEMENTS D'ETANCHEITE  
[72] GHASRIPOOR, FARSHAD, US  
[72] AKSIT, MAHMUT, US  
[72] MAXAM, JOHN, US  
[71] NUOVO PIGNONE HOLDING S.P.A., IT  
[85] 2004-06-25  
[86] 2002-12-30 (PCT/EP2002/014849)  
[87] 2003-07-10 (WO2003/055964)  
[30] IT (MI2001A002825) 2001-12-28

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**[21] 2,471,655**  
[13] A1

[51] Int.Cl. 7A61B 5/0468  
[25] EN  
[54] METHOD AND SYSTEM FOR EVALUATING ARRHYTHMIA RISK WITH QT-RR INTERVAL DATA SETS  
[54] PROCEDE ET SYSTEME D'EVALUATION DU RISQUE D'ARYTHMIE AVEC DES ENSEMBLES DE DONNEES D'INTERVALLE QT-RR  
[72] CHERNYAK, YURI B., US  
[72] STAROBIN, JOSEPH M., US  
[71] MEDIWAVE STAR TECHNOLOGY, INC., US  
[85] 2004-06-25  
[86] 2002-12-03 (PCT/US2002/038460)  
[87] 2003-07-17 (WO2003/057034)  
[30] US (60/344,654) 2001-12-26

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**[21] 2,471,689**  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] METHOD AND APPARATUS FOR PREVENTING OVERLOADS OF POWER DISTRIBUTION NETWORKS  
[54] PROCEDE ET APPAREIL POUR EMPECHER LES SURCHARGES SUR DES RESEAUX DE DISTRIBUTION D'ENERGIE  
[72] RASMUSSEN, NEIL, US  
[72] SPITAELS, JAMES, US  
[71] AMERICAN POWER CONVERSION CORPORATION, US  
[85] 2004-07-02  
[86] 2003-01-02 (PCT/US2003/000081)  
[87] 2003-07-17 (WO2003/058259)  
[30] US (10/038,701) 2002-01-02

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**[21] 2,471,708**  
[13] A1

[51] Int.Cl. 7H04B 13/02  
[25] EN  
[54] WATER ACOUSTIC COHERENTLY COMMUNICATION SYSTEM AND SIGNAL PROCESSING METHOD HAVING HIGH CODE RATE, LOW PROBABILITY OF ERROR  
[54] SYSTEME DE COMMUNICATION A COHERENCE ACOUSTIQUE DANS L'EAU ET PROCEDE DE TRAITEMENT DE SIGNAUX AVEC DEBIT DE CODE ELEVE ET FAIBLE PROBABILITE D'ERREURS  
[72] ZHU, MIN, CN  
[72] WANG, CHANGHONG, CN  
[72] ZHU, WEIQING, CN  
[72] PAN, FENG, CN  
[71] INSTITUTE OF ACOUSTICS, CHINESE ACADEMY OF SCIENCES, CN  
[85] 2004-06-25  
[86] 2002-05-28 (PCT/CN2002/000360)  
[87] 2003-07-10 (WO2003/056727)  
[30] CN (01145134.3) 2001-12-30

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**[21] 2,471,710**  
[13] A1

[51] Int.Cl. 7G01S 5/02 7H04B 7/185  
[25] EN  
[54] SATELLITE POSITIONING SYSTEM ENABLED MEDIA MEASUREMENT SYSTEM  
[54] SYSTEME ET PROCEDE D'EVALUATION DE PRESENTATIONS MULTIMEDIA AVEC SYSTEME DE POSITIONNEMENT PAR SATELLITE  
[72] BURKE, KAY S., US  
[72] PERCY, R. CAMERON, US  
[72] BAKER, JAMES W., US  
[72] PERCY, ROGER D., US  
[71] RDP ASSOCIATES, INCORPORATED, US  
[85] 2004-06-25  
[86] 2002-12-20 (PCT/US2002/041199)  
[87] 2003-07-17 (WO2003/058269)  
[30] US (60/345,908) 2001-12-31  
[30] US (60/427,904) 2002-11-20  
[30] US (10/318,422) 2002-12-11

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[13] A1

[51] Int.Cl. 7C07D 277/64 7A61P 35/00  
7C07D 413/04 7C07D 417/04 7C07D 413/12 7C07D 417/12 7A61K 31/423 7A61K 31/428 7A61K 31/4439 7C07D 263/56  
[25] FR  
[54] DERIVES DE BENZOTHIAZOLE-ET BENZOAZOLE-4,7-DIONES ET LEUR UTILISATION COMME INHIBITEURS DE PHOSPHATASES  
[54] BENZOTHIAZOLE- AND BENZOAZOLE-4,7-DIONE DERIVATIVES AND THEIR USE AS CDC25 PHOSPHATASE INHIBITORS  
[72] PREVOST, GREGOIRE, FR  
[72] GALCERA CONTOUR, MARIE-ODILE, FR  
[72] LAVERGNE, OLIVIER, FR  
[72] BREZAK PANNETIER, MARIE-CHRISTINE, FR  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R .A.S.), FR  
[85] 2004-06-22  
[86] 2002-12-24 (PCT/FR2002/004544)  
[87] 2003-07-10 (WO2003/055868)  
[30] FR (01/16889) 2001-12-27  
[30] FR (02/09415) 2002-07-25

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**[21] 2,471,715**  
[13] A1

[51] Int.Cl. 7A61K 9/14 7A61K 9/16  
[25] EN  
[54] A STABLE PHARMACEUTICAL FORMULATION OF PAROXETINE HYDROCHLORIDE ANHYDROUS AND A PROCESS FOR PREPARATION THEREOF  
[54] FORMULATION PHARMACEUTIQUE STABLE D'HYDROCHLORURE DE PAROXETINE ANHYDRE ET PROCEDE DE PREPARATION  
[72] BRAUNSTEIN, ANNE, IL  
[72] COHEN, RAKEFET, IL  
[72] LEIBOVICI, MINUTZA, IL  
[72] FOX, MICHAEL, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/US2002/041430)  
[87] 2003-07-17 (WO2003/057151)  
[30] US (60/344,120) 2001-12-28  
[30] US (60/366,351) 2002-03-21

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**[21] 2,471,716**  
[13] A1

[51] Int.Cl. 7E21C 37/14  
[25] EN  
[54] ELEMENT FOR INITIATING PROPELLANT  
[54] ELEMENT D'AMORCE POUR CHARGE  
[72] VAN DYK, ANDRE, ZA  
[71] NXCO INTERNATIONAL LIMITED, BS  
[85] 2004-06-30  
[86] 2002-12-17 (PCT/ZA2002/000212)  
[87] 2003-07-10 (WO2003/056133)  
[30] ZA (2001/5466) 2002-01-03

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**[21] 2,471,718**  
[13] A1

[51] Int.Cl. 7H04M 17/00  
[25] EN  
[54] PORTABLE DEVICE SERVICE PAYMENTS BY MULTIPLE MEANS  
[54] PAIEMENTS DE SERVICES D'APPAREILS MOBILES PAR DES MOYENS MULTIPLES  
[72] GOLDBERG, STEVEN JEFFREY, US  
[72] BRIANCON, ALAIN CHARLES LOUIS, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-06-25  
[86] 2002-12-20 (PCT/US2002/041203)  
[87] 2003-07-17 (WO2003/058944)  
[30] US (10/040,999) 2001-12-28

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**[21] 2,471,720**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR PROVIDING A FUTURES CONTRACTS ON OPTIONS CONTRACTS EXCHANGE DEVICE  
[54] SYSTEMES ET PROCEDES DE FOURNITURE DE CONTRATS A TERME NORMALISES BASES SUR DES CONTRATS D'OPTIONS DANS UN DISPOSITIF D'ECHANGE  
[72] HEATON, TIMOTHY H., US  
[72] GINSBERG, PHILIP M., US  
[71] ESPEED, INC., US  
[85] 2004-06-25  
[86] 2002-12-26 (PCT/US2002/041584)  
[87] 2003-07-17 (WO2003/058401)  
[30] US (60/344,258) 2001-12-27  
[30] US (10/329,809) 2002-12-24

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[21] 2,471,722  
[13] A1

[51] Int.Cl. 7G06F 13/00  
[25] EN  
[54] INSTANT MESSAGING SYSTEM  
[54] SYSTEME DE MESSAGERIE  
INSTANTANE  
[72] MESERVY, DAVID ALBERT, US  
[72] BELL, JOHN FRANCIS III, US  
[71] SIMDESK TECHNOLOG, INC., US  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/US2002/041625)  
[87] 2003-07-17 (WO2003/058464)  
[30] US (60/344,197) 2001-12-28

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[21] 2,471,725  
[13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 19/00  
7G06F 17/18 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR  
PREDICTING DISEASE BEHAVIOR  
[54] SYSTEMES ET PROCEDES  
DESTINES A PREVOIR LE  
COMPORTEMENT D'UNE MALADIE  
[72] WEISS, DIANE, US  
[72] THOMAS, AUSTIN W., US  
[72] ROBERTSON, LAWRENCE V., III, US  
[72] THOMAS, RICHARD D., US  
[72] THOMAS, STERLING W., US  
[72] HAWKINS, SCOTT J., US  
[72] PARRISH, JAMES K., US  
[71] CANSWERS LLC, US  
[85] 2004-06-25  
[86] 2003-01-06 (PCT/US2003/000236)  
[87] 2003-07-17 (WO2003/057011)  
[30] US (60/344,377) 2002-01-04

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[21] 2,471,728  
[13] A1

[51] Int.Cl. 7B60R 11/00  
[25] EN  
[54] ELECTRICAL DEVICE FOR  
ATTACHMENT TO A HOLDER AND  
HOLDER THEREFOR  
[54] APPAREIL ELECTRIQUE  
DESTINE A ETRE ATTACHE A UN  
SUPPORT ET SUPPORT ASSOCIE  
[72] KNOCHENHAUER, PETER, DE  
[72] GEELHAAR, BERND, DE  
[71] ROBERT BOSCH GMBH, DE  
[85] 2004-06-25  
[86] 2002-10-30 (PCT/DE2002/004040)  
[87] 2003-07-24 (WO2003/059693)  
[30] DE (102 02 034.5) 2002-01-18

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[21] 2,471,729  
[13] A1

[51] Int.Cl. 7C07D 405/12 7A61P 1/00  
7A61K 31/445  
[25] EN  
[54] PRUCALOPRIDE-N-OXIDE  
[54] PRUCALOPRIDE-N-OXYDE  
[72] VAN LAERHOVEN, WILLY  
JOANNES CAROLUS, BE  
[72] SCHUURKES, JOANNES ADRIANUS  
JACOBUS, BE  
[71] JANSEN PHARMACEUTICA  
NAAMLOZE VENNOOTSCHAP, BE  
[85] 2004-06-25  
[86] 2003-01-13 (PCT/EP2003/000276)  
[87] 2003-07-24 (WO2003/059906)  
[30] EP (02075157.4) 2002-01-16

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[21] 2,471,730  
[13] A1

[51] Int.Cl. 7C07D 235/18  
[25] EN  
[54] PROCESS FOR PREPARING AND  
PURIFYING 1,7'-DIMETHYL-2'-  
PROPYL-2,5'-BI-1H-BENZIMIDAZOLE  
[54] PROCEDE DE PRODUCTION ET  
DE PURIFICATION DE 1,7'-  
DIMETHYL-2'-PROPYL-2,5'-BI-1H-  
BENZIMIDAZOL  
[72] SCHMIDT, HARTMUT, DE  
[72] HEITZMANN, MARKUS, DE  
[72] FACHINGER, VOLKER, DE  
[72] DACH, ROLF, DE  
[72] BELZER, WERNER, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2004-06-25  
[86] 2003-01-15 (PCT/EP2003/000319)  
[87] 2003-07-24 (WO2003/059890)  
[30] DE (102 01 725.5) 2002-01-18

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[21] 2,471,734  
[13] A1

[51] Int.Cl. 7F16K 31/12  
[25] EN  
[54] BATHROOM FLUSHERS WITH  
NOVEL SENSORS AND  
CONTROLLERS  
[54] DISPOSITIFS DE CHASSE D'EAU  
EQUIPES DE NOUVEAUX CAPTEURS  
ET REGULATEURS  
[72] PARSONS, NATAN E., US  
[72] HERBERT, KAY, US  
[72] GREENE, GREGORY P., US  
[72] MO, XIAOXIONG, US  
[72] GULER, FATIH, US  
[71] ARICHELL TECHNOLOGIES, INC.,  
US  
[85] 2004-06-25  
[86] 2002-12-26 (PCT/US2002/041576)  
[87] 2003-07-17 (WO2003/058102)  
[30] US (60/343,618) 2001-12-26  
[30] US (60/362,166) 2002-03-05  
[30] US (60/391,282) 2002-06-24  
[30] US (PCT/US02/38758) 2002-12-04

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[21] 2,471,739  
[13] A1

[51] Int.Cl. 7G02B 5/20 7C09D 5/36  
[25] EN  
[54] COLOR EFFECT COMPOSITIONS  
[54] COMPOSITIONS A EFFET  
COLORE  
[72] MERRITT, MARK D., US  
[72] MUNRO, CALUM H., US  
[72] LAMERS, PAUL H., DE  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-06-25  
[86] 2002-12-20 (PCT/US2002/041290)  
[87] 2003-07-17 (WO2003/058299)  
[30] US (10/034,825) 2001-12-27

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[21] **2,471,740**  
[13] A1

[51] Int.Cl. 7A61K 31/683 7A61K 9/127  
[25] EN  
[54] PHARMACEUTICALLY ACCEPTABLE PHOSPHATE-GLYCEROL CARRYING BODIES  
[54] CORPS PORTANT DU PHOSPHATE-GLYCEROL PHARMACEUTIQUEMENT ACCEPTABLE  
[72] MANDEL, ARKADY, CA  
[72] BOLTON, ANTHONY E., GB  
[71] VASOGEN IRELAND LIMITED, IE  
[85] 2004-06-25  
[86] 2003-01-21 (PCT/CA2003/000065)  
[87] 2003-07-31 (WO2003/061667)  
[30] CA (2,368,656) 2002-01-21  
[30] US (10/051,381) 2002-01-22  
[30] US (60/351,427) 2002-01-28  
[30] US (60/364,620) 2002-03-18  
[30] US (60/372,106) 2002-04-15  
[30] US (60/400,857) 2002-08-02

[21] **2,471,741**  
[13] A1

[51] Int.Cl. 7C08L 77/06 7C08L 101/00  
7C08K 7/08 7C08K 3/34  
[25] EN  
[54] RESIN COMPOSITION FOR REFLECTING PLATE  
[54] COMPOSITION RESINEUSE POUR PLAQUE REFLECHISSANTE  
[72] TSUTSUMI, HIDEYUKI, JP  
[72] TABUCHI, AKIRA, JP  
[72] YAGI, TOSHIAKI, JP  
[71] OTSUKA CHEMICAL CO., LTD., JP  
[85] 2004-06-25  
[86] 2002-06-28 (PCT/JP2002/006618)  
[87] 2003-07-10 (WO2003/055947)  
[30] JP (2001-395050) 2001-12-26

[21] **2,471,742**  
[13] A1

[51] Int.Cl. 7A61K 9/00 7A01N 43/40  
7A61K 31/44  
[25] EN  
[54] METHOD OF PRODUCING A NICOTINE COMPOSITION  
[54] PROCEDE DE PRODUCTION D'UNE COMPOSITION A BASE DE NICOTINE  
[72] THOMPSON, MARSHALL A., US  
[71] THOMPSON, MARSHALL A., US  
[85] 2004-06-25  
[86] 2002-12-10 (PCT/US2002/039548)  
[87] 2003-06-19 (WO2003/049559)  
[30] US (10/015,101) 2001-12-10  
[30] US (10/216,023) 2002-08-09

[21] **2,471,743**  
[13] A1

[51] Int.Cl. 7C07D 231/12 7A61P 29/00  
7A61K 31/415  
[25] EN  
[54] DEUTERATED SUBSTITUTED PYRAZOLYL BENZYL SULFONAMIDES AND MEDICAMENTS COMPRISING SAID COMPOUNDS  
[54] PYRAZOLYL-BENZOLSULFONAMIDES SUBSTITUES DEUTERIES ET MEDICAMENTS CONTENANT CES COMPOSES  
[72] ALKEN, RUDOLF-GIESBERT, DE  
[71] TURICUM DRUG DEVELOPMENT AG, CH  
[85] 2004-06-25  
[86] 2002-12-11 (PCT/DE2002/004600)  
[87] 2003-06-19 (WO2003/050091)  
[30] DE (101 62 121.3) 2001-12-12

[21] **2,471,745**  
[13] A1

[51] Int.Cl. 7A61K 31/593 7A23D 7/00  
7A23D 9/00 7A23K 1/16 7A23L 1/303  
[25] EN  
[54] 25-HYDROXY VITAMIN D3 COMPOSITIONS  
[54] COMPOSITIONS DE VITAMINE D3 25-HYDROXY  
[72] YU, LI-QUN, US  
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[25] EN  
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[54] METHODE D'ESTIMATION DE SOURCE DE COURANT INTRACEREBRAL, PROGRAMME D'ESTIMATION DE SOURCE DE COURANT INTRACEREBRAL, SUPPORT D'ENREGISTREMENT CONTEANT LEDIT PROGRAMME D'ESTIMATION DE SOURCE DE COURANT INTRACEREBRAL, ET APPAREIL D'ESTIMATION DE SOURCE DE COURANT INTRACEREBRAL  
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[71] ADVANCED TELECOMMUNICATION RESEARCH INSTITUTE INTERNATIONAL, JP  
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[25] EN  
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[54] SYSTEME ET PROCEDE DE GESTION DE COMMUNICATION DE SOINS DE SANTE  
[72] RUCKER, DONALD W., US  
[71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US  
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[54] ROULEAU DE RESINE RENFORCE DE FIBRES ET PROCEDE DE FABRICATION D'UN TEL ROULEAU  
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[72] MURAKAMI, TETSUYA, JP  
[71] YAMAUCHI CORPORATION, JP  
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[87] 2003-07-10 (WO2003/056195)  
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[54] COMPOSES BIOCIDES ET LEUR PREPARATION  
[72] BENNER, JILL PATRICIA, GB  
[72] KIPPS, MARTIN RICHARD, GB  
[72] BOEHLENDORF, BETTINA GERTRUD HENRIETTE, CH  
[72] NEFF, SNEZEANA, CH  
[72] MOLLEYRES, LOUIS-PIERRE, CH  
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[25] EN  
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[54] COMPOSITION DE REVETEMENT POUR SUPPORT D'IMPRESSION A JET D'ENCRE ET SUPPORT D'IMPRESSION A JET D'ENCRE  
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[72] MURASE, NAOKAZU, JP  
[71] CLARIANT INTERNATIONAL LTD, CH  
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[54] DERIVES DE CARBOXAMIDINE ET LEUR UTILISATION POUR TRAITER DES TROUBLES VASCULAIRES  
[72] UEROEGDI, LASZLO, HU  
[72] MARVANYOS, EDE, HU  
[72] BATHONE TOEROEK, MAGDOLNA, HU  
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[85] 2004-06-25  
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[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
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[25] EN  
[54] SYSTEM TO FORM A LAYERING OF ELECTRONICALLY-INTERACTIVE MATERIAL  
[54] SYSTEME POUR FORMER UNE STRUCTURATION EN COUCHE D'UN MATERIAU ELECTRONIQUEMENT INTERACTIF  
[72] VODOPIVEC, JOZEF, IT  
[72] FUMO, CESARE, IT  
[71] NEW SYSTEM S.R.L., IT  
[85] 2004-06-25  
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[30] IT (UD01A000220) 2001-12-27

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[54] MATERIAU D'ISOLATION  
[72] LASKORSKI, VICTOR P., US  
[71] ALBANY INTERNATIONAL CORP., US  
[85] 2004-06-25  
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[51] Int.Cl. 7C23C 2/00 7C23C 2/38  
[25] EN  
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[72] KITSUWA, TOMIO, JP  
[71] SAKURATECH CO., LTD., JP  
[85] 2004-06-25  
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7C09J 5/00 7B26F 1/24 7B29C 65/52  
[25] EN  
[54] METHOD OF CONFORMING A FILM TO A SURFACE  
[54] PROCEDE PERMETTANT A UN FILM D'EPOUSER LES FORMES D'UNE SURFACE  
[72] DAVID, JOHN R., US  
[72] KESTI, MICHAEL R., US  
[72] STEELMAN, RONALD S., US  
[72] SHER, FRANK T., US  
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[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[72] WONG, VIVIEN, US  
[72] DINH, STEVEN, US  
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[54] GYROSCOPE A FIBRES OPTIQUES DEPOLARISE ET SYMETRIQUE  
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[72] KALISZEK, ANDREW, US  
[72] SZAFRANIEC, BOGDAN, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-06-30  
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[13] A1

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7C08J 3/28 7C08F 2/46  
[25] EN  
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[54] POLYETHYLENE RETICULE A MODULE ELEVE ET A CONCENTRATION REDUITE EN RADICAUX LIBRES RESIDUELS ELABORE SOUS LE POINT DE FUSION  
[72] MCKINLEY, GARETH H, US  
[72] SPIEGELBERG, STEPHEN H., US  
[72] MURATOGLU, ORHUN, US  
[71] MASSACHUSETTS GENERAL HOSPITAL, US  
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[30] US (60/344,354) 2002-01-04

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[25] EN  
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[25] EN  
[54] METHOD FOR RECEIVING ELECTRONICALLY TRANSFERRED FUNDS USING AN AUTOMATED TELLER MACHINE  
[54] RECEPTION D'UN VIREMENT ELECTRONIQUE VIA UN GUICHET AUTOMATIQUE BANCAIRE  
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[25] EN  
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[54] SYSTEME PHOTO-INITIAUTEUR TERNAIRE POUR RESINE A POLYMERISATION CATIONIQUE  
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[72] LUCHTERHANDT, THOMAS, US  
[72] OXMAN, JOEL D., US  
[72] DEDE, KARSTEN, US  
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[72] JONES, GORDON, US  
[72] MANGAN, EDWARD J., US  
[72] TYNDALL, DAVID VIVIAN, US  
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[71] TBAC INVESTMENT TRUST, US  
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[30] US (10/025,542) 2001-12-18

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[72] CASETTA, PAOLO, IT  
[72] STEFANELLI, PAOLA, IT  
[71] FIDIA FARMACEUTICI S.P.A., IT  
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[54] FORET DOTE D'UNE GEOMETRIE DE POINT DE FORET SPECIALISEE  
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[25] EN  
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[54] APPAREIL D'ENTRAINEMENT POUR VEHICULE HYBRIDE  
[72] KOJIMA, MASAHIRO, JP  
[72] ADACHI, MASATOSHI, JP  
[72] TAGA, YUTAKA, JP  
[72] KANEKO, JIRO, JP  
[72] MOTOIKE, KAZUTOSHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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 [72] MATSUNAGA, AKIO, JP  
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 [72] NISHIMOTO, TSUYOSHI, JP  
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 [72] IDENO, KUNIO, JP  
 [72] TANAKA, KIYOFUMI, JP  
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 [30] JP (2001-400273) 2001-12-28  
 [30] JP (2002-108899) 2002-04-11  
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 [30] JP (2002-292786) 2002-10-04  
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**[54] GENERATEUR D'ANNEAU**  
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 [72] HARMAN, JAYDEN DAVID, AU  
 [71] PAX SCIENTIFIC, INC., US  
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 [30] AU (PR 9827) 2002-01-03  
 [30] AU (PS 1352) 2002-03-26

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[13] A1

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 [25] EN  
**[54] LABELING TARGETING AGENTS WITH GALLIUM-68 AND GALLIUM-67**  
**[54] MARQUAGE D'AGENTS DE CIBLAGE AU GALLIUM-68 ET AU GALLIUM-67**  
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 [72] GRIFFITHS, GARY L., US  
 [71] IMMUNOMEDICS, INC., US  
 [85] 2004-06-25  
 [86] 2002-12-23 (PCT/GB2002/005902)  
 [87] 2003-07-24 (WO2003/059397)  
 [30] US (60/342,104) 2001-12-26

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 [25] EN  
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**[54] REGULATEUR DE**  
**L'ÉCOULEMENT DE FLUIDE**  
 [72] HARMAN, JAYDEN DAVID, AU  
 [71] PAX SCIENTIFIC, INC., US  
 [85] 2004-06-25  
 [86] 2003-01-03 (PCT/AU2003/000004)  
 [87] 2003-07-10 (WO2003/056228)  
 [30] AU (PR 9823) 2002-01-03

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[13] A1

[51] Int.Cl. 7H01H 85/17  
 [25] EN  
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**[54] COUPE-CIRCUIT FUSIBLE POUR AUTOMOBILE**  
 [72] SUZUKI, MIKA, JP  
 [72] KONDO, HIROKI, JP  
 [72] OHASHI, NORIHIRO, JP  
 [72] SAITO, MAKIKO, JP  
 [72] NISHIMURA, TORU, JP  
 [72] SHIMIZU, YASUO, JP  
 [71] YAZAKI CORPORATION, JP  
 [71] TORAY INDUSTRIES, INC., JP  
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 [87] 2003-07-10 (WO2003/056595)  
 [30] JP (2001/397338) 2001-12-27

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[13] A1

[51] Int.Cl. 7F16B 37/06  
 [25] EN  
**[54] METHOD OF COLD FORMING A SELF-ATTACHING FEMALE FASTENER ELEMENT**  
**[54] PROCEDE DE FORMAGE A FROID D'UN ELEMENT FEMELLE DE FIXATION AUTO-ATTACHANT**  
 [72] WOJCIECHOWSKI, STANLEY E., US  
 [72] PARKER, JOHN M., US  
 [71] FABRISTEEL PRODUCTS INCORPORATED, US  
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 [72] HOSOI, MASAHIRO, JP  
 [72] HANAFUSA, TATSUYA, JP  
 [72] ITO, RYOICHI, JP  
 [71] MITSUBISHI MATERIALS CORPORATION, JP  
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 [30] JP (2001-401686) 2001-12-28  
 [30] JP (2002-193465) 2002-07-02  
 [30] JP (2002-197799) 2002-07-05  
 [30] JP (2002-233917) 2002-08-09

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[13] A1

[51] Int.Cl. 7G06F 17/60  
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**[54] APPAREIL ET PROCEDE PERMETTANT D'OPTIMISER LA FIXATION DES PRIX**  
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 [72] ECKEL, JACOB, IL  
 [71] EARNIX LTD., IL  
 [85] 2004-06-25  
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[25] EN  
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[54] INTERFACE UTILISATEUR ET PROCEDE DE VISUALISATION D'EVENEMENTS UNIFIES DE COMMUNICATION SUR UN DISPOSITIF MOBILE  
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[72] ZINN, RONALD SCOTTE, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
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[13] A1

[51] Int.Cl. 7C07C 1/04 7B01D 11/00  
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7B01D 3/42  
[25] EN  
[54] METHOD FOR REDUCING WATER CONCENTRATION IN A MULTI-PHASE COLUMN REACTOR  
[54] PROCEDE DE REDUCTION DE LA CONCENTRATION D'EAU DANS UN REACTEUR MULTIPHASE A COLONNE  
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[71] CONOCOPHILIPS COMPANY, US  
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[30] US (60/344,228) 2001-12-28  
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[25] EN  
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[54] PROCEDES ET COMPOSITIONS POUR NORMALISER LES NIVEAUX LIPIDIQUES DANS LES TISSUS MAMMALIENS  
[72] WATSON, RACHEL NANCY, NZ  
[72] LOOMES, KERRY MARTIN, NZ  
[72] COOPER, GARTH JAMES SMITH, NZ  
[71] PROMETIX CORPORATION LIMITED, NZ  
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[30] US (60/333,422) 2001-11-26

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[13] A1

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[25] EN  
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[54] PROCEDE ET JEU SUR PLATEAU POUR L'APPRENTISSAGE DU VOCABULAIRE  
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[25] EN  
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[54] PROTEINES POUVANT SE LIER AVEC DES METAUX ET PROCEDES ASSOCIES  
[72] ACEY, ROGER A., US  
[72] MUSTILLO, MICHAEL, US  
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[13] A1

[51] Int.Cl. 7G01V 1/40  
[25] EN  
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[54] OUTIL DE FORAGE ACOUSTIQUE A ONDES SOURCES PROGRAMMABLES  
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[72] WISNIEWSKI, LAURENCE T., US  
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[13] A1

[51] Int.Cl. 7G06F 12/14 7G06F 9/445  
[25] EN  
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[54] PROCEDE ET DISPOSITIF DE SECURISATION INTEGREE  
[72] HICKEY, RYAN J., CA  
[72] MADTER, RICHARD C., CA  
[72] PATTENDEN, CHRISTOPHER, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
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[54] COMPOSITIONS ET PROCEDES CONCERNANT LE CANCER  
[72] MORRIS, DAVID W., US  
[71] SAGRES DISCOVERY, US  
[85] 2004-06-25  
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[13] A1

[51] Int.Cl. 7B60K 41/28 7F02D 41/00  
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[25] EN  
[54] INTEGRATED VEHICLE MOTION CONTROL SYSTEM  
[54] SYSTEME INTEGRE DE COMMANDE DE DEPLACEMENT DE VEHICULE  
[72] MIYAGO, SHOICHI, JP  
[72] KOIBUCHI, KEN, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[13] A1

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[25] EN  
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[54] REVETEMENTS CONFORMES CONTENANT DES NANOTUBES DE CARBONE  
[72] CONROY, JEFFREY, US  
[72] GLATKOWSKI, PAUL J., US  
[72] LANDRAU, NELSON, US  
[72] PICHE, JOSEPH W., US  
[72] LANDIS, DAVID H., JR., US  
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[13] A1

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[25] EN  
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[54] DISPOSITIF POUR OSTEOSYNTHESE  
[72] MATHIEU, CLAUDE, CH  
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[72] FRIGG, ROBERT, CH  
[71] SYNTHES (U.S.A.), US  
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[13] A1

[51] Int.Cl. 7G07F 11/66 7B65H 5/28  
[25] EN  
[54] DISPENSERS FOR TISSUE DILATOR DEVICES  
[54] DISTRIBUTEURS POUR DISPOSITIFS DE DILATATION DES TISSUS  
[72] FENTON, GUSTAV R., US  
[71] CNS, INCORPORATED, US  
[85] 2004-06-30  
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[13] A1

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[25] EN  
[54] SYSTEM FOR UTILIZING AUDIBLE, VISUAL AND TEXTUAL DATA WITH ALTERNATIVE COMBINABLE MULTIMEDIA FORMS OF PRESENTING INFORMATION FOR REAL-TIME INTERACTIVE USE BY MULTIPLE USERS IN DIFFERENT REMOTE ENVIRONMENTS  
[54] SYSTEME PERMETTANT D'UTILISER DES DONNEES AUDIO, VISUELLES ET TEXTUELLES AVEC DES FORMES ALTERNATIVES MULTIMEDIA POUVANT SE COMBINER POUR PRESENTER DES INFORMATIONS, POUR UNE UTILISATION INTERACTIVE, EN TEMPS REEL, PAR PLUSIEUX UTILISATEURS, DANS DES ENVIRONNEMENTS ELOIGNES DIFFERENTS  
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[72] CRIVELLA, ARTHUR RAY, US  
[71] ASE EDGE, US  
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[25] EN  
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[54] COMPOSITIONS PHARMACEUTIQUES COMPORANT UN INHIBITEUR DE LA PHOSPHODIESTERASE POLYVALENT ET UN INHIBITEUR D'APPORT D'ADENOSINE  
[72] KAMBAYASHI, JUN-ICHI, US  
[72] YOSHITAKE, MASUHIRO, US  
[72] SUN, BING, US  
[72] LIU, YONGGE, US  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
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[54] PROCESSES FOR THE  
PREPARATION OF GLUTAMIC ACID  
COMPOUNDS AND INTERMEDIATES  
THEREOF AND NOVEL  
INTERMEDIATES USED IN THE  
PROCESSES

[54] PROCEDES DE PREPARATION DE  
COMPOSES D'ACIDE GLUTAMIQUE  
ET D'INTERMEDIAIRES DESDITS  
COMPOSES, ET NOUVEAUX  
INTERMEDIAIRES UTILISES DANS  
LESDITS PROCEDES

[72] FUNAKOSHI, NAO, JP  
[72] TAKEMOTO, TADASHI, JP  
[72] MORI, KENICHI, JP  
[72] KAWAHARA, SHIGERU, JP  
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[71] AJINOMOTO CO., INC., JP  
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[30] JP (2002-149078) 2002-05-23  
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[25] EN  
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SYSTEMS

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[71] MARCONI UK INTELLECTUAL  
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[30] GB (0200175.8) 2002-01-04

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[25] EN  
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[54] PROCEDE ET SYSTEME DE  
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[72] MEHR, RAHUL, US  
[72] UJHELYI, MICHAEL R., US  
[72] KLEIN, GEORGE J., CA  
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[30] US (60/347,534) 2002-01-11

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[13] A1

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[54] PROTHESE MEDICALE  
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[30] US (60/314,988) 2001-08-24  
[30] US (60/344,164) 2001-12-27  
[30] US (60/351,783) 2002-01-25

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[13] A1

[51] Int.Cl. 7A61F 2/20  
[25] EN  
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CARTRIDGE AND RING  
[54] ENSEMBLE DE MONTAGE DE  
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[72] SEDER, EDMUND V., US  
[72] PORTER, TINA, US  
[71] HELIX MEDICAL, INC., US  
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[30] US (60/344,444) 2001-12-28

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[13] A1

[51] Int.Cl. 7G06F 9/445  
[25] EN  
[54] JAVA APPLICATION  
FRAMEWORK FOR USE IN A  
CONTENT DELIVERY NETWORK  
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[54] CADRE D'APPLICATIONS JAVA  
UTILISABLE DANS UN RESEAU DE  
DIFFUSION DE CONTENU (CDN)  
[72] STODOLSKY, DANIEL, US  
[72] PICHAI, SRINIVASAN, US  
[72] RUVINSKY, EDDIE, US  
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[72] PARIKH, JAY, US  
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[71] AKAMAI TECHNOLOGIES, INC., US  
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[54] LENTILLES DE CONTACT  
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[72] MCKENNEY, CURTIS DEAN, US  
[71] NOVARTIS AG, CH  
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[25] EN  
[54] MICROBIALLY-EXPRESSED  
THERMOTOLERANT PHYTASE FOR  
ANIMAL FEED  
[54] PHYTASE THERMOTOLERANTE  
EXPRIMEE DE FACON MICROBIENNE  
POUR L'ALIMENTATION DES  
ANIMAUX  
[72] KOEPPF, EDWARD, US  
[72] KRETZ, KEITH, US  
[72] LANAHAN, MICHAEL L., US  
[71] SYNGENTA PARTICIPATIONS AG,  
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[30] US (60/344,523) 2001-12-28

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[25] EN  
[54] A SYSTEM FOR SUPPORTING  
CLINICAL DECISION-MAKING  
[54] SYSTEME D'AIDE A LA PRISE DE  
DECISION CLINIQUE  
[72] ZALESKI, JOHN R., US  
[71] SIEMENS MEDICAL SOLUTIONS  
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[85] 2004-06-28  
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[87] 2003-07-24 (WO2003/060750)  
[30] US (60/347,267) 2002-01-10  
[30] US (10/313,532) 2002-12-06

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[13] A1

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7C07H 21/04 7C12N 9/16 7C12N 1/20  
[25] EN  
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FOR ANIMAL FEED  
[54] PHYTASE THERMOTOLERANTE  
DESTINEE A L'ALIMENTATION  
ANIMALE  
[72] BETTS, SCOTT, US  
[72] LANAHAN, MICHAEL B., US  
[71] SYNGENTA PARTICIPATIONS AG,  
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[85] 2004-06-25  
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[87] 2003-07-17 (WO2003/057248)  
[30] US (60/344,476) 2001-12-28

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[13] A1

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[25] EN  
[54] COMPACT CONVECTION  
DRYING CHAMBER FOR DRYING  
PRINTED CIRCUIT BOARDS AND  
OTHER ELECTRONIC ASSEMBLIES  
BY ENHANCED EVAPORATION  
[54] CHAMBRE COMPACTE DE  
SECHAGE PAR CONVECTION  
DESTINEE A SECHER DES CARTES DE  
CIRCUIT IMPRIME OU AUTRES  
ENSEMBLES ELECTRONIQUES PAR  
EVAPORATION AMELIOREE  
[72] LEAP, GERALD, US  
[71] SPEEDLINE TECHNOLOGIES, INC.,  
US  
[85] 2004-06-25  
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[13] A1

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7C12N 5/12 7A61K 39/395 7C12N 15/63  
[25] EN  
[54] METHODS OF GENERATING  
MULTISPECIFIC, MULTIVALENT  
AGENTS FROM VH AND VL DOMAINS  
[54] PROCEDE DE PRODUCTION  
D'AGENTS POLYVALENTS  
PLURISPECIFIQUES A PARTIR DES  
DOMAINES VH ET VL  
[72] ROSSI, EDMUND, US  
[72] CHANG, CHIEN-HSING KEN, US  
[72] GOLDENBERG, DAVID, US  
[71] IMMUNOMEDICS, INC., US  
[71] IBC PHARMACEUTICALS, US  
[85] 2004-06-25  
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[87] 2003-07-17 (WO2003/057829)  
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[13] A1

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[25] EN  
[54] PROCESS AND APPARATUS FOR  
CONTINUOUSLY APPLYING AN  
EXTERNAL COATING TO A PIPE  
[54] PROCEDE ET APPAREIL POUR  
L'APPLICATION CONTINUE D'UN  
REVETEMENT EXTERNE SUR UN  
TUYAU  
[72] DUNS, MARK, GB  
[71] BREDERO PRICE COATERS LTD.,  
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[30] GB (0121015.2) 2001-08-30

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[13] A1

[51] Int.Cl. 7H04M 11/06 7G06F 1/025  
7G05B 19/05  
[25] EN  
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[54] FONCTION MODEM INTEGREE DANS UN AUTOMATE PROGRAMMABLE  
[72] MCNUTT, ALAN D., US  
[71] SIEMENS ENERGY & AUTOMATION, INC., US  
[85] 2004-06-28  
[86] 2002-12-02 (PCT/US2002/038485)  
[87] 2003-07-24 (WO2003/061261)  
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[30] US (10/272,115) 2002-10-16

[21] 2,471,873  
[13] A1

[51] Int.Cl. 7H04B 7/08 7H04B 15/00  
7G06F 17/00  
[25] EN  
[54] ADAPTIVE DIGITAL BEAMFORMER COEFFICIENT PROCESSOR FOR SATELLITE SIGNAL INTERFERENCE REDUCTION  
[54] PROCESSEUR DE COEFFICIENTS D'UN FORMATEUR DE FAISCEAUX NUMERIQUE ADAPTATIF PERMETTANT ET REDUIRE LES INTERFERENCES DES SIGNAUX SATELLITES  
[72] AL-DHAHIR, NAOFAL, US  
[72] GAUS, RICHARD C., JR., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2004-06-28  
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[87] 2003-07-17 (WO2003/058266)  
[30] US (10/035,646) 2001-12-28

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[51] Int.Cl. 7C12N 15/53 7C12N 9/02  
7C12P 21/02 7C12N 15/09 7C07K 1/107  
7C12P 17/16 7C12N 15/63  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR HYDROXYLATING EPOTHILONES  
[54] COMPOSITIONS ET METHODES D'HYDROXYLATION D'EPOTHILONES  
[72] SUN, YUHUA, US  
[72] LI, YOU, US  
[72] BASCH, JONATHAN DAVID, US  
[72] LIU, SUO-WIN, US  
[72] CHIANG, SHU-JEN, US  
[72] NAYEEM, AKBAR, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2004-06-25  
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[87] 2003-07-17 (WO2003/057830)  
[30] US (60/344,271) 2001-12-26

[21] 2,471,878  
[13] A1

[51] Int.Cl. 7G06F 11/00 7G06F 12/00  
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7H04N 7/173  
[25] EN  
[54] SYSTEM AND METHOD FOR MULTICAST STREAM FAILOVER  
[54] SYSTEME ET PROCEDE DE BASCULEMENT DE FLUX DE MULTIPDIFFUSION  
[72] HUANG, FRANK, US  
[72] SUN, MICHAEL, US  
[72] GOULD, KENNETH, US  
[72] CHUNG, JOO YOUNG, US  
[71] ROAD RUNNER, US  
[85] 2004-06-28  
[86] 2001-12-28 (PCT/US2001/049499)  
[87] 2002-08-29 (WO2002/067120)  
[30] US (09/752,744) 2000-12-29

[21] 2,471,880  
[13] A1

[51] Int.Cl. 7C07D 231/12 7A61P 25/00  
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[25] EN  
[54] 1H-PYRAZOLYL DERIVATIVE COMPOUNDS, FOR USE IN DISEASES ASSOCIATED WITH THE 5-HT2C RECEPTOR  
[54] COMPOSES DERIVES DE 1H-PYROZOLYLE, POUVANT ETRE UTILISES DANS LES MALADIES ASSOCIEES AU RECEPTEUR 5-HT2C  
[72] LADOUCEUR, GAETAN H., US  
[72] COISH, PHILLIP, US  
[72] CHEN, JINSHAN, US  
[72] SMITH, ROGER, US  
[72] BULLOCK, WILLIAM, US  
[72] VELTHUISEN, EMIL, US  
[72] BARYZA, JEREMY L., US  
[72] WANG, YAMIN, US  
[72] CHOI, SOONGYU, US  
[71] BAYER PHARMACEUTICALS CORPORATION, US  
[85] 2004-06-28  
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42  
[25] EN  
[54] PHENYL PYRIMIDINE AMINES AS  
IGE INHIBITORS  
[54] AMINES PHENYL PYRIMIDINE  
UTILISEES COMME INHIBITEURS  
D'IGE  
[72] ETTMAYER, PETER, AT  
[72] BULUSU, MURTY, AT  
[72] WEIGAND, KLAUS, AT  
[72] WOISETSCHLAGER, MAX, AT  
[71] NOVARTIS AG, CH  
[85] 2004-06-28  
[86] 2003-01-31 (PCT/EP2003/000973)  
[87] 2003-08-07 (WO2003/063871)  
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12 7C07D 413/12 7A61K 31/415  
[25] EN  
[54] 4-SULFIDE / SULFOXIDE /  
SULFONYL-1H-PYRAZOLYL  
DERIVATIVE COMPOUNDS, FOR USE  
IN DISEASES ASSOCIATED WITH THE  
5-HT2C RECEPTOR  
[54] COMPOSES DERIVES DE 4-  
SULFIDE / SULFOXIDE / SULFONYL-  
1H-PYRAZOLYLE DESTINES AU  
TRAITEMENT DES MALADIES  
ASSOCIEES AU RECEPTEUR 5-HT2C  
[72] CHOI, SOONGYU, US  
[72] COISH, PHILIP, US  
[72] SMITH, ROGER, US  
[72] CHEN, JINSHAN, US  
[72] VELTHUISEN, EMIL, US  
[72] LADOUCEUR, GAETAN H., US  
[72] WANG, YAMIN, US  
[72] ZHANG, ZHONGHUA, US  
[72] BARYZA, JEREMY L., US  
[71] BAYER PHARMACEUTICALS  
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[85] 2004-06-28  
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06 7C10M 133/56 7C10M 129/76  
[25] EN  
[54] LUBRICATING OIL  
COMPOSITIONS WITH IMPROVED  
FRICTION PROPERTIES  
[54] COMPOSITIONS D'HUILE  
LUBRIFIANTE A PROPRIETES DE  
REDUCTION DU FROTTEMENT  
AMELIOREES  
[72] BUCK, WILLIAM H., US  
[72] MAXWELL, WILLIAM L., US  
[72] BAILLARGEON, DAVID J., US  
[72] DECKMAN, DOUGLAS EDWARD,  
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[72] WINEMILLER, MARK D., US  
[71] EXXONMOBIL RESEARCH AND  
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[85] 2004-06-28  
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[51] Int.Cl. 7C10M 169/04 7C10M 101/02  
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[25] EN  
[54] LUBRICATING OIL  
COMPOSITIONS WITH IMPROVED  
FRICTION PROPERTIES  
[54] COMPOSITIONS D'HUILE  
LUBRIFIANTE A PROPRIETES DE  
REDUCTION DU FROTTEMENT  
AMELIOREES  
[72] BAILLARGEON, DAVID J., US  
[72] MAXWELL, WILLIAM L., US  
[72] DECKMAN, DOUGLAS EDWARD,  
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[72] WINEMILLER, MARK D., US  
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[71] EXXONMOBIL RESEARCH AND  
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[85] 2004-06-28  
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[13] A1

[51] Int.Cl. 7H04N 7/24 7H04N 5/00  
[25] EN  
[54] METHODS AND SYSTEMS FOR  
PROVIDING STREAMING MEDIA  
CONTENT IN EXISTING VIDEO  
DELIVERY SYSTEMS  
[54] PROCEDES ET SYSTEMES POUR  
FOURNIR UN CONTENU  
MULTIMEDIA EN CONTINU DANS DES  
SYSTEMES DE DISTRIBUTION VIDEO  
EXISTANTS  
[72] SAFADI, REEM, US  
[72] MCGRATH, CARL, US  
[71] GENERAL INSTRUMENT  
CORPORATION, US  
[85] 2004-06-28  
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[87] 2003-07-17 (WO2003/058508)  
[30] US (10/036,560) 2001-12-31

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] DISTRIBUTED-USER SHIPPING  
SYSTEM  
[54] SYSTEME D'EXPEDITION A  
UTILISATEURS REPARTIS  
[72] CORNELIUS, JOHN, US  
[72] GITTINGS, DAVE, US  
[72] TURBEVILLE, DAN, US  
[72] JONES, BOB, US  
[71] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 2004-06-28  
[86] 2002-12-19 (PCT/US2002/041022)  
[87] 2003-07-17 (WO2003/058526)  
[30] US (60/344,111) 2001-12-27

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[25] EN  
[54] ENZYMATIC SYNTHESIS OF  
N.ALPHA.-ACYL-L-ARGININE ESTERS  
[54] SYNTHESE ENZYMATIQUE  
D'ESTERS N.ALPHA.-ACYL-L-  
ARGININE  
[72] ROCABAYERA BONVILA, XAVIER,  
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[72] SEGUER BONAVENTURA, JOAN, ES  
[71] LABORATORIOS MIRET S.A., ES  
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[13] A1

[51] Int.Cl. 7G01N 33/00  
[25] EN  
[54] DIAGNOSTIC APPARATUS AND  
METHODS FOR A CHEMICAL  
DETECTION SYSTEM  
[54] DISPOSITIF DE DIAGNOSTIC ET  
PROCEDES APPLICABLES A UN  
SYSTEME DE DETECTION CHIMIQUE  
[72] DILGER, JOHN PATRICK, US  
[71] FISHER CONTROLS  
INTERNATIONAL LLC, US  
[85] 2004-06-28  
[86] 2002-11-18 (PCT/US2002/036924)  
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[30] US (10/042,979) 2002-01-09

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[13] A1

[51] Int.Cl. 7A61F 5/058  
[25] EN  
[54] SPLINT COMBINED USE CAST  
ABSENCE FOR BONE FRACTURE  
FIXING  
[54] ATTELLE ET PLATRE COMBINES  
SERVANT A REDUIRE UNE  
FRACTURE  
[72] KIM, KYUNG-JIN, KR  
[71] KIM, KYUNG-JIN, KR  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/KR2002/002449)  
[87] 2003-07-10 (WO2003/055421)  
[30] KR (10-2001-0087054) 2001-12-28

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[13] A1

[51] Int.Cl. 7A61F 5/058  
[25] EN  
[54] SPLINT COMBINED USE CAST  
ABSENCE FOR BONE FRACTURE  
FIXING  
[54] ENSEMBLE ATTTELLE/MOULAGE  
POUR LA REPARATION D'UNE  
FRACTURE OSSEUSE  
[72] KIM, KYUNG-JIN, KR  
[71] KIM, KYUNG-JIN, KR  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/KR2002/002450)  
[87] 2003-07-10 (WO2003/055422)  
[30] KR (10-2001-0087055) 2001-12-28

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[13] A1

[51] Int.Cl. 7A61K 9/00 7A61K 47/10  
7A61K 47/26  
[25] FR  
[54] POUDRE MICRONISEE  
PHARMACEUTIQUE OU  
NUTRACEUTIQUE A LIBERATION  
IMMEDIATE.  
[54] MICRONIZED  
PHARMACEUTICAL OR  
NUTRACEUTICAL POWDER WITH  
IMMEDIATE RELEASE  
[72] BESSE, JEROME, FR  
[72] BESSE, LAURENCE, FR  
[71] BESINS INTERNATIONAL  
BELGIQUE, BE  
[71] GALENIX INNOVATIONS, FR  
[85] 2004-06-28  
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[87] 2003-07-10 (WO2003/055464)  
[30] FR (01/16934) 2001-12-27

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[21] 2,471,904  
[13] A1

[51] Int.Cl. 7A61B 18/18  
[25] EN  
[54] APPARATUS AND METHOD FOR  
PROTECTING THE NEUROVASCULAR  
BUNDLE DURING CRYOSURGICAL  
TREATMENT OF THE PROSTATE  
[54] APPAREIL ET PROCEDE DE  
PROTECTION DU PAQUET VASCULO-  
NERVEUX PENDANT LE  
TRAITEMENT CRYO-CHIRURGICAL  
DE LA PROSTATE  
[72] CYTRON, SAMUEL, IL  
[72] ZVULONI, RONI, IL  
[72] AMIR, URI, IL  
[72] SOFER, PAUL, IL  
[72] SCHECHTER, DORIS, IL  
[71] GALIL MEDICAL LTD., IL  
[85] 2004-06-30  
[86] 2002-12-31 (PCT/IL2002/001062)  
[87] 2003-07-24 (WO2003/059247)  
[30] US (60/344,369) 2002-01-04

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[13] A1

[51] Int.Cl. 7F21V 33/00 7F24F 13/078  
[25] EN  
[54] MODULAR SERVICE UNIT  
[54] UNITE DE SERVICE MODULAIRE  
[72] MCCARTHY, KENNETH WILLIAM,  
AU  
[71] K. W. MCCARTHY & PARTNERS  
PTY LTD, AU  
[85] 2004-06-28  
[86] 2002-12-20 (PCT/AU2002/001731)  
[87] 2003-07-10 (WO2003/056240)  
[30] AU (PR 9835) 2002-01-04  
[30] AU (PS 0680) 2002-02-21

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[13] A1

[51] Int.Cl. 7A61K 31/465 7A61P 25/34  
[25] EN  
[54] A LIQUID PHARMACEUTICAL FORMULATION COMPRISING NICOTINE FOR THE ADMINISTRATION TO THE ORAL CAVITY  
[54] PREPARATION PHARMACEUTIQUE LIQUIDE RENFERMANT DE LA NICOTINE, DESTINEE A ETRE ADMINISTREE PAR VOIE ORALE  
[72] BOSSON, BENGT, SE  
[72] BERGENGREN, GUNNAR, SE  
[72] SCHLUETER, ANETTE, SE  
[72] LINDELL, KATARINA, SE  
[71] PHARMACIA AB, SE  
[85] 2004-06-28  
[86] 2002-12-18 (PCT/SE2002/002358)  
[87] 2003-07-10 (WO2003/055486)  
[30] SE (0104388-4) 2001-12-27

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[13] A1

[51] Int.Cl. 7H04L 27/00  
[25] EN  
[54] CORE WIRELESS ENGINE  
[54] MOTEUR SANS FIL CENTRAL  
[72] VANDERHELM, RONALD JOHN, CA  
[71] SIERRA WIRELESS, INC., CA  
[85] 2004-06-28  
[86] 2003-01-02 (PCT/CA2003/000002)  
[87] 2003-07-24 (WO2003/061232)  
[30] US (10/038,124) 2002-01-02

[21] **2,471,909**  
[13] A1

[51] Int.Cl. 7G11B 20/00  
[25] EN  
[54] METHODS AND APPARATUS FOR DIGITAL RIGHTS MANAGEMENT  
[54] PROCEDES ET APPAREILS DE GESTION DE DROITS NUMERIQUES  
[72] SAFADI, REEM, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2004-06-28  
[86] 2002-12-30 (PCT/US2002/041782)  
[87] 2003-07-17 (WO2003/058620)  
[30] US (10/039,156) 2001-12-31

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[13] A1

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[25] EN  
[54] BENZOCYCLOCODECANE DERIVATIVES WITH ANTITUMOR ACTIVITY  
[54] DERIVES DE BENZOCYCLOCODECANE A ACTIVITE ANTITUMORALE  
[72] CIOMEI, MARINA, IT  
[72] DUCKI, SYLVIE, FR  
[72] MENICHINCHERI, MARIA, IT  
[72] VANOTTI, ERMES, IT  
[72] MONGELLI, NICOLA, IT  
[72] ANGIOLINI, MAURO, IT  
[71] PHARMACIA ITALIA SPA, IT  
[71] ANGIOLINI, MAURO, IT  
[85] 2004-06-28  
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[87] 2003-07-10 (WO2003/055861)  
[30] GB (0131034.1) 2001-12-28

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[13] A1

[51] Int.Cl. 7A61B 19/00  
[25] EN  
[54] ORGAN MANIPULATOR  
[54] MANIPULATEUR D'ORGANES  
[72] ADELMAN, THOMAS G., US  
[71] IOTEK, INC., US  
[85] 2004-06-28  
[86] 2003-01-17 (PCT/US2003/001692)  
[87] 2003-08-21 (WO2003/068097)  
[30] US (10/057,754) 2002-01-23

[21] **2,471,913**  
[13] A1

[51] Int.Cl. 7A61B 17/30 7A61B 17/32  
[25] EN  
[54] SURGICAL TOOL  
[54] OUTIL CHIRURGICAL  
[72] SINDING, PAUL, GB  
[71] FULCRUM (MEDICAL DEVICES) LIMITED, GB  
[85] 2004-06-28  
[86] 2002-12-10 (PCT/GB2002/005594)  
[87] 2003-07-17 (WO2003/057053)  
[30] GB (0200484.4) 2002-01-10

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[13] A1

[51] Int.Cl. 7G01N 33/543 7B01J 19/00  
7G01N 33/552 7G01N 33/553 7C12Q 1/68  
[25] EN  
[54] IMPROVED STRUCTURED-FUNCTIONAL BONDING MATRICES FOR BIOMOLECULES  
[54] MATRICE DE LIAISON A STRUCTURE FONCTIONNELLE AMELIOREE POUR BIOMOLECULES  
[72] BRUNNER, HERWIG, DE  
[72] RUPP, STEFFEN, DE  
[72] HAUSER, NICOLE, DE  
[72] TOVAR, GUNTER, DE  
[72] SCHIESTEL, THOMAS, DE  
[72] WEBER, ACHIM, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/EP2002/014769)  
[87] 2003-07-10 (WO2003/056336)  
[30] DE (101 64 309.8) 2001-12-28

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[13] A1

[51] Int.Cl. 7H04J 3/06 7G04G 7/00  
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[25] EN  
[54] TIME AND FREQUENCY SYNCHRONISATION OF EQUIPMENT AT DIFFERENT LOCATIONS  
[54] SYNCHRONISATION TEMPORELLE ET FREQUENTIELLE D'EQUIPEMENT A DES EMPLACEMENTS DIFFERENTS  
[72] WEEDON, ROBERT JOHN, GB  
[72] SHERRY, DAVID, GB  
[72] QUILTER, TIMOTHY JOHN, GB  
[71] ROKE MANOR RESEARCH LIMITED, GB  
[85] 2004-06-28  
[86] 2003-01-10 (PCT/GB2003/000075)  
[87] 2003-07-17 (WO2003/058863)  
[30] GB (0200484.4) 2002-01-10

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[13] A1

[51] Int.Cl. 7H02G 15/18  
[25] EN  
[54] REMOVABLE CORE FOR PRE-STRETCHED TUBE  
[54] AME AMOVIBLE POUR TUBE PRE-ETIRE  
[72] HOPCUS, ERNEST A., US  
[72] KNORR, WINFRIED, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-28  
[86] 2002-11-19 (PCT/US2002/037025)  
[87] 2003-07-17 (WO2003/058787)  
[30] US (10/036,993) 2001-12-31

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[13] A1

[51] Int.Cl. 7G01N 27/447 7G01N 27/453  
[25] EN  
[54] WALL-LESS CHANNELS FOR FLUIDIC ROUTING AND CONFINEMENT  
[54] CANAUX SANS PAROI POUR ROUTAGE ET CONFINEMENT FLUIDIQUE  
[72] GASCOYNE, PETER R.C., US  
[72] BECKER, FREDERICK F., US  
[72] VYKOUKAL, JODY, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US  
[85] 2004-06-28  
[86] 2003-01-03 (PCT/US2003/000190)  
[87] 2003-07-24 (WO2003/060505)  
[30] US (60/345,490) 2002-01-04

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[13] A1

[51] Int.Cl. 7C09J 133/02 7C09J 133/06 7C09J 133/14 7A61L 15/58  
[25] EN  
[54] PRESSURE SENSITIVE ADHESIVES HAVING QUATERNARY AMMONIUM FUNCTIONALITY, ARTICLES, AND METHODS  
[54] ADHESIFS AUTOCOLLANTS AYANT UNE FONCTION AMMONIUM QUATERNAIRES, ARTICLES ET PROCEDES  
[72] LUCAST, DONALD H., US  
[72] ZHU, DONG-WEI, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-28  
[86] 2002-12-05 (PCT/US2002/038909)  
[87] 2003-07-31 (WO2003/062343)  
[30] US (10/052,032) 2002-01-16

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**[21] 2,471,928**  
[13] A1

[51] Int.Cl. 7F16G 5/20  
[25] EN  
[54] MULTI-RIBBED BELT WITH TIP PROFILE  
[54] COURROIE MULTI-NERVURES A PROFIL D'EXTREMITE  
[72] CHENG, JIANGTIAN, US  
[71] THE GATES CORPORATION, US  
[85] 2004-06-28  
[86] 2003-01-13 (PCT/US2003/001238)  
[87] 2003-07-31 (WO2003/062666)  
[30] US (60/349,795) 2002-01-16

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**[21] 2,471,930**  
[13] A1

[51] Int.Cl. 7C09B 67/20 7C09D 11/00 7C09D 11/02 7C09B 67/04  
[25] EN  
[54] SOLVENTLESS UNIVERSAL COLORANTS  
[54] COLORANTS UNIVERSELS EXEMPTS DE SOLVANT  
[72] WU, NING, US  
[72] PARRIS, JUANITA, US  
[72] CATENA, ROBERT, US  
[72] SIMON-TRUNCELLITO, JEANNETTE, US  
[72] AUERBACH, ROBERT, US  
[72] MODI, JITU, US  
[72] KEAVENY, WILLIAM P., US  
[71] SUN CHEMICAL CORPORATION, US  
[85] 2004-06-28  
[86] 2002-12-23 (PCT/US2002/041397)  
[87] 2003-07-17 (WO2003/057783)  
[30] US (10/034,005) 2001-12-28

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**[21] 2,471,931**  
[13] A1

[51] Int.Cl. 7C09D 11/02 7C09D 11/08  
[25] EN  
[54] WATER-BASED OFFSET LITHOGRAPHIC PRINTING INKS CONTAINING POLYMERIZABLE SURFACTANTS  
[54] ENCRE AQUEUSE D'IMPRESSION LITHOGRAPHIQUE OFFSET CONTENANT DES TENSIOACTIFS POLYMERISABLES  
[72] CZEBOATAR, MARTIN, US  
[72] KRISHNAN, RAMASAMY, US  
[72] YAMAT, MARILYN, US  
[72] BABIJ, HUGO, US  
[71] SUN CHEMICAL CORPORATION, US  
[85] 2004-06-28  
[86] 2002-12-23 (PCT/US2002/041596)  
[87] 2003-07-17 (WO2003/057789)  
[30] US (10/034,493) 2001-12-28

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**[21] 2,471,932**  
[13] A1

[51] Int.Cl. 7A61K 31/195 7A61K 31/375 7A61K 35/78  
[25] EN  
[54] A NUTRIENT PHARMACEUTICAL FORMULATION COMPRISING POLYPHENOLS AND USE IN TREATMENT OF CANCER  
[54] FORMULATION PHARMACEUTIQUE D'ELEMENTS NUTRITIFS CONTENANT DES POLYPHENOLS ET SON UTILISATION DANS LE TRAITEMENT DU CANCER  
[72] RATH, MATTHIAS, NL  
[72] NETKE, SHRIRANG, US  
[72] NIEDZWIECKI, ALEKSANDRA, US  
[71] RATH, MATTHIAS, NL  
[85] 2004-06-28  
[86] 2003-01-13 (PCT/EP2003/000236)  
[87] 2003-07-17 (WO2003/057201)  
[30] US (60/348,143) 2002-01-11

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[21] 2,471,933  
[13] A1

[51] Int.Cl. 7C09D 11/04  
[25] EN  
[54] FLEXOGRAPHIC INK  
COMPOSITION CONTAINING  
HYDROLYZED GELATIN AS A BINDER  
RESIN  
[54] COMPOSITION D'ENCRE  
FLEXOGRAPHIQUE CONTENANT DE  
LA GELATINE HYDROLYSEE COMME  
RESINE DE LIAISON  
[72] SMITH, DOREEN, US  
[71] SUN CHEMICAL CORPORATION,  
US  
[85] 2004-06-28  
[86] 2002-12-23 (PCT/US2002/041597)  
[87] 2003-07-17 (WO2003/057790)  
[30] US (10/034,003) 2001-12-28

[21] 2,471,937  
[13] A1

[51] Int.Cl. 7F02B 75/06  
[25] EN  
[54] BALANCE SYSTEM FOR SINGLE  
CYLINDER ENGINE  
[54] SYSTEME D'EQUILIBRAGE POUR  
MOTEUR MONOCYLINDRIQUE  
[72] KOENIGS, WILLIAM D., US  
[72] ROTTER, TERRENCE M., US  
[71] KOHLER CO., US  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/US2002/041423)  
[87] 2003-07-17 (WO2003/058046)  
[30] US (10/035,101) 2001-12-28

[21] 2,471,939  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR  
RESIDENTIAL EMISSIONS TRADING  
[54] SYSTEME ET METHODE DE  
COMMERCES DES EMISSIONS DES  
HABITATIONS DE PARTICULIERS  
[72] DESIDERIO, MICHELLE, US  
[72] BERLIN, KENNETH, US  
[72] RAINES, FRANKLIN D., US  
[72] SAHADI, ROBERT J., US  
[72] ARNER, BETH, US  
[72] LESMES, SCOTT, US  
[72] BARTELS, CARLTON(DECEASED),  
ZZ  
[71] FANNIE MAE, US  
[85] 2004-06-28  
[86] 2002-12-19 (PCT/US2002/040371)  
[87] 2003-07-17 (WO2003/058386)  
[30] US (60/342,853) 2001-12-28

[21] 2,471,940  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] REAL TIME DATA  
WAREHOUSING  
[54] ENTREPOSAGE ELECTRONIQUE  
DE DONNEES EN TEMPS REEL  
[72] JONAS, JEFFREY JAMES, US  
[71] JONAS, JEFFREY JAMES, US  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/US2002/041630)  
[87] 2003-07-17 (WO2003/058427)  
[30] US (60/344,067) 2001-12-28

[21] 2,471,941  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] PROSTHESIS IMPLANTABLE IN  
ENTERAL VESSELS  
[54] PROTHESE IMPLANTABLE DANS  
DES VAISSEAUX DE L'APPAREIL  
DIGESTIF  
[72] STINSON, JONATHAN S., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-06-29  
[86] 2003-01-03 (PCT/US2003/000181)  
[87] 2003-07-17 (WO2003/057079)  
[30] US (10/038,640) 2002-01-04

[21] 2,471,942  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] MEASUREMENT AND  
VERIFICATION PROTOCOL FOR  
TRADABLE RESIDENTIAL EMISSIONS  
REDUCTIONS  
[54] PROTOCOLE DE MESURE ET DE  
VERIFICATION POUR REDUCTIONS  
D'EMISSIONS RESIDENTIELLES  
NEGOCIABLES  
[72] LESMES, SCOTT, US  
[72] GOWEN TRUMP, MARCIA, US  
[72] HALL, JAY, US  
[72] RAINES, FRANKLIN D., US  
[72] EBERT, CRAIG, US  
[72] HOWES, MATT, US  
[72] DESIDERIO, MICHELLE, US  
[72] BERLIN, KENNETH, US  
[72] SAHADI, ROBERT J., US  
[72] GAMBLE, DEAN, US  
[71] FANNIE MAE, US  
[85] 2004-06-28  
[86] 2002-12-19 (PCT/US2002/040369)  
[87] 2003-07-17 (WO2003/058385)  
[30] US (60/342,843) 2001-12-28

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[13] A1

[51] Int.Cl. 7C07C 317/14 7C07C 323/09  
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7C07F 7/18 7A61K 31/192 7A61K 31/216  
7A61K 31/235 7C07C 317/24 7A61K 31/  
255 7A61K 31/27 7C07C 317/28 7C07C  
317/44 7C07C 323/65  
[25] EN  
[54] .BETA.-AMYLOID PROTEIN  
PRODUCTION/SECRETION  
INHIBITORS  
[54] INHIBITEURS DE LA  
PRODUCTION/SECRETION DE LA  
PROTEINE AMYLOÏDE-.BETA.  
[72] MIYAUCHI, SATORU, JP  
[72] SAITO, MASANORI, JP  
[72] YASUKOUCHI, TAKANORI, JP  
[72] ITO, MASAYUKI, JP  
[72] KUBOTA, HIDEKI, JP  
[71] DAIICHI PHARMACEUTICAL CO.,  
LTD., JP  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/JP2002/013792)  
[87] 2003-07-10 (WO2003/055850)  
[30] JP (2001-395701) 2001-12-27

[21] 2,471,944  
[13] A1

[51] Int.Cl. 7A61B 5/02  
[25] EN  
[54] CALIBRATION METHODS AND  
APPARATUS FOR  
PLETHYSMOGRAPHIC  
MEASUREMENT CHAMBERS  
[54] PROCEDES ET APPAREIL  
D'ETALONNAGE POUR CHAMBRES  
DE MESURE  
PLETHYSMOGRAPHIQUES  
[72] DEMPSTER, PHILIP T., US  
[71] LIFE MEASUREMENT, INC., US  
[85] 2004-06-29  
[86] 2002-12-26 (PCT/US2002/041579)  
[87] 2003-07-17 (WO2003/058175)  
[30] US (10/036,161) 2001-12-31

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[13] A1

[51] Int.Cl. 7G02B 6/00 7B29C 59/04  
[25] EN  
[54] LIGHT FIBER COMPRISING  
CONTINUOUS OUTER CLADDING  
AND METHOD OF MAKING  
[54] FIBRE OPTIQUE COMPRENANT  
UNE Gaine EXTERIEURE CONTINUE  
ET PROCEDE DE FABRICATION  
CORRESPONDANT  
[72] UHL, GERALD L., US  
[72] REID, THOMAS J., US  
[72] WEGLEITNER, RAYMOND C., US  
[72] GOZUM, JOHN E., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-06-29  
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[87] 2003-07-17 (WO2003/058302)  
[30] US (10/039,602) 2001-12-31

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[13] A1

[51] Int.Cl. 7H01R 11/00  
[25] EN  
[54] VEHICLE ACCESSORY POWER  
CONNECTOR  
[54] CONNECTEUR  
D'ALIMENTATION POUR  
ACCESOIRES DE VEHICULES  
[72] SWIATEK, JOHN A., US  
[72] COWLES, RONALD D., US  
[71] SWIATEK, JOHN A., US  
[71] COWLES, RONALD D., US  
[85] 2004-06-29  
[86] 2003-01-06 (PCT/US2003/000318)  
[87] 2003-07-17 (WO2003/058763)  
[30] US (60/345,023) 2002-01-04  
[30] US (60/367,405) 2002-03-25  
[30] US (60/403,697) 2002-08-15

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[13] A1

[51] Int.Cl. 7A01N 63/00 7A61K 38/00  
7A01N 65/00 7A01N 43/04 7A01N 37/18  
7A61K 31/70  
[25] EN  
[54] METHODS FOR THERAPEUTIC  
USE OF BRAIN DERIVED  
NEUROTROPHIC FACTOR IN THE  
ENTORHINAL CORTEX  
[54] METHODES D'UTILISATION  
THERAPEUTIQUE DU FACTEUR  
NEUROTROPHIQUE DERIVE DU  
CERVEAU (BDNF) DANS LE  
TRAITEMENT DU CORTEX  
ENTORHINAL  
[72] TUSZYNSKI, MARK H., US  
[71] REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, US  
[85] 2004-06-30  
[86] 2002-12-30 (PCT/US2002/041701)  
[87] 2003-07-17 (WO2003/056925)  
[30] US (10/039,078) 2001-12-31

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[13] A1

[51] Int.Cl. 7A61K 9/20  
[25] EN  
[54] NOVEL PHARMACEUTICAL  
DOSAGE FORMS AND METHOD FOR  
PRODUCING SAME  
[54] NOUVELLES FORMES  
POSOLOGIQUES  
PHARMACEUTIQUES ET PROCEDE  
DE PRODUCTION DE CES FORMES  
POSOLOGIQUES  
[72] CLARKE, ALLAN J., US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[85] 2004-06-30  
[86] 2003-01-03 (PCT/US2003/000099)  
[87] 2003-07-17 (WO2003/057197)  
[30] US (60/345,526) 2002-01-03

**[21] 2,471,949**  
[13] A1

[51] Int.Cl. 7A01H 1/00 7A01H 5/00  
7C12P 21/00 7A01H 1/02 7A01H 5/10  
7C12P 7/64  
[25] EN  
[54] CORN PLANTS WITH IMPROVED  
QUALITY GRAIN TRAITS  
[54] PLANTES DE MAIS POSSEDENT  
DES CARACTERISTIQUES DE GRAIN  
DE QUALITE AMELIOREE  
[72] FOLEY, TERRY J., US  
[71] MONSANTO TECHNOLOGY LLC,  
US  
[85] 2004-06-28  
[86] 2002-12-27 (PCT/US2002/041627)  
[87] 2003-07-17 (WO2003/056903)  
[30] US (60/343,965) 2001-12-28

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[13] A1

[51] Int.Cl. 7B32B 27/32 7B65D 65/40  
7B65D 75/58  
[25] EN  
[54] GAS TIGHT POLYPROPYLENE  
PEEL FILM  
[54] FILM DECOLLABLE EN  
POLYPROPYLENE ETANCHE AUX  
GAZ  
[72] MALFAIT, TONY, BE  
[72] BOEGELS, ERIC, BE  
[72] ROSSEAU, PATRICK, BE  
[72] VEYS, LUC, BE  
[71] AMCOR FLEXIBLES TRANSPAC, BE  
[85] 2004-06-28  
[86] 2003-02-06 (PCT/BE2003/000020)  
[87] 2003-08-21 (WO2003/068506)  
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[13] A1

[51] Int.Cl. 7A61K 31/341 7A61K 31/415  
7A61K 31/42  
[25] EN  
[54] TREATMENT OF PAIN,  
INFLAMMATION, AND  
INFLAMMATION-RELATED  
DISORDERS WITH A COMBINATION  
OF A CYCLOOXYGENASE-2  
SELECTIVE INHIBITOR AND ASPIRIN  
[54] TRAITEMENT D'UNE DOULEUR,  
D'UNE INFLAMMATION ET DE  
TROUBLES ASSOCIES A LADITE  
INFLAMMATION COMBINE A UN  
INHIBITEUR SELECTIF DE LA  
CYCLOOXYGENASE-2 ET A  
L'ASPIRINE  
[72] MACMILLAN, STEPHEN P., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-06-28  
[86] 2003-01-07 (PCT/US2003/000255)  
[87] 2003-07-17 (WO2003/057166)  
[30] US (60/346,560) 2002-01-07

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[13] A1

[51] Int.Cl. 7C07D 209/80 7A61P 43/00  
7A61K 31/403 7C07D 209/88  
[25] EN  
[54] FLUORO SUBSTITUTED  
CYCLOALKANOINDOLES AND THEIR  
USE AS PROSTAGLANDIN D2  
RECEPTOR ANTAGONISTS  
[54] CYCLOALKANOINDOLES A  
SUBSTITUTION FLUOR,  
COMPOSITIONS CONTENANT DE  
TELS COMPOSES, ET PROCEDES DE  
TRAITEMENT  
[72] LACHANCE, NICOLAS, CA  
[72] WANG, ZHAOYIN, CA  
[72] BERTHELETTE, CARL, CA  
[72] LI, LIANHAI, CA  
[72] STURINO, CLAUDIO, CA  
[71] MERCK FROSST CANADA & CO.,  
CA  
[85] 2004-06-28  
[86] 2003-01-22 (PCT/CA2003/000084)  
[87] 2003-07-31 (WO2003/062200)  
[30] US (60/351,384) 2002-01-24

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**[21] 2,471,953**  
[13] A1

[51] Int.Cl. 7A61K 7/48 7A61K 31/16  
[25] EN  
[54] HYDROXAMIC ACID AND ITS  
DERIVATIVES AS INHIBITORS OF  
MELANOCYTE TYROSINASE FOR  
TOPICAL SKIN LIGHTENERS  
[54] ACIDE HYDROXAMIQUE ET SES  
DERIVES COMME INHIBITEURS DE  
LA MELANOCYTE TYROSINASE  
POUR ECLAIRCISSANTS TOPIQUES  
DE LA PEAU  
[72] CHENG, LIN, US  
[72] DOOLEY, THOMAS P., US  
[71] MEDIQUEST THERAPEUTICS, INC.,  
US  
[85] 2004-06-28  
[86] 2002-12-23 (PCT/US2002/041071)  
[87] 2003-07-17 (WO2003/057184)  
[30] US (60/344,464) 2001-12-28

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[13] A1

[51] Int.Cl. 7D06F 71/04  
[25] EN  
[54] UNIVERSAL IRONING PRESS  
[54] PRESSE A REPASSER  
UNIVERSELLE  
[72] BEDRETDINOV, AMIR  
KHASIANOVICH, CH  
[71] EXEQ S.A., CH  
[85] 2004-06-28  
[86] 2002-02-12 (PCT/IB2002/000405)  
[87] 2003-08-21 (WO2003/069045)

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[13] A1

[51] Int.Cl. 7H04B 7/185  
[25] EN  
[54] A NULLER WITH NO SATELLITE  
SIGNAL DISTORTION  
[54] DISPOSITIF ANNULEUR DE  
BROUILLAGE DE RECEPTEUR GPS  
SANS AUCUNE DISTORSION DE  
SIGNAL SATELLITAIRE  
[72] ASHE, JEFFREY MICHAEL, US  
[72] AL-DHAHIR, NAOFAL, US  
[72] MAALOUF, KHALIL JOHN, US  
[71] LOCKHEED MARTIN  
CORPORATION, US  
[85] 2004-06-28  
[86] 2002-04-17 (PCT/US2002/012047)  
[87] 2003-07-17 (WO2003/058824)  
[30] US (10/035,676) 2001-12-28

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**[21] 2,471,956**  
[13] A1

[51] Int.Cl. 7B65D 33/24 7B65B 61/18  
7B31B 1/90  
[25] EN  
[54] SCORED PACKAGE AND A  
METHOD OF MAKING THE SAME  
[54] EMBALLAGE PLIE ET PROCEDE  
DE FABRICATION ASSOCIE  
[72] PERRE, CHAD M., US  
[72] HODSON, JAY D., US  
[72] BUELOW, DUANE H., US  
[71] PECHINEY EMBALLAGE FLEXIBLE  
EUROPE, FR  
[85] 2004-06-28  
[86] 2002-12-20 (PCT/US2002/041214)  
[87] 2003-07-17 (WO2003/057579)  
[30] US (10/034,886) 2001-12-28

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[13] A1

[51] Int.Cl. 7G01N 33/00 7A62C 3/02  
7G08B 17/117 7G01N 27/416  
[25] EN  
[54] METHOD AND DEVICE FOR  
MEASURING OXYGEN CONTENT  
[54] PROCEDE ET DISPOSITIF DE  
MESURE DE LA TENEUR EN  
OXYGENE DANS UN ESPACE CIBLE  
FERME  
[72] WAGNER, ERNST WERNER, DE  
[71] WAGNER-ALARM-UND  
SICHERUNGSSYSTEME GMBH, DE  
[85] 2004-06-28  
[86] 2002-10-17 (PCT/EP2002/011648)  
[87] 2003-07-10 (WO2003/056325)  
[30] DE (101 64 293.8) 2001-12-28

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[13] A1

[51] Int.Cl. 7G01K 5/02  
[25] EN  
[54] IONIC LIQUID TEMPERATURE  
SENSOR  
[54] CAPTEUR DE TEMPERATURE A  
LIQUIDE IONIQUE  
[72] WU, BANQIU, US  
[72] HOLBREY, JOHN D., US  
[72] REDDY, RAMANA G., US  
[72] ROGERS, ROBIN D., US  
[71] THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ALABAMA, US  
[85] 2004-06-28  
[86] 2003-01-02 (PCT/US2003/000102)  
[87] 2003-07-17 (WO2003/058185)  
[30] US (60/345,246) 2002-01-04

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**[21] 2,471,964**  
[13] A1

[51] Int.Cl. 7A61K 31/55 7A61P 1/00  
[25] EN  
[54] USE OF  
ACYLAminoALKENYLENE-AMIDE  
DERIVATIVES IN FUNCTIONAL  
MOTILITY DISORDERS OF THE  
VISCERA  
[54] UTILISATION DE DERIVES  
D'ACYLAminoALKENYLENE-AMIDE  
DANS LE TRAITEMENT DE  
TROUBLES DE LA MOTILITE  
FONCTIONNELLE VISCIERALE  
[72] PFANNKUCHE, HANS-JUERGEN,  
DE  
[72] WEBER, ECKHARD, DE  
[72] FOZARD, JOHN R., FR  
[71] NOVARTIS AG, CH  
[85] 2004-06-28  
[86] 2003-02-07 (PCT/EP2003/001227)  
[87] 2003-08-14 (WO2003/066062)  
[30] GB (0203061.7) 2002-02-08

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[13] A1

[51] Int.Cl. 7A61K 39/39 7A61P 31/00  
7A61P 35/00 7A61K 9/107 7A61K 31/7088  
[25] EN  
[54] CPG FORMULATIONS AND  
RELATED METHODS  
[54] FORMULATIONS CPG ET  
PROCEDES Y RELATIFS  
[72] HECKER, ROLF, DE  
[72] BABIUK, LORNE ALAN, CA  
[71] MERIAL LIMITED, US  
[71] UNIVERSITY OF SASKATCHEWAN,  
CA  
[85] 2004-04-05  
[86] 2002-10-07 (PCT/EP2002/011206)  
[87] 2003-04-17 (WO2003/030934)  
[30] US (60/327,734) 2001-10-06

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[13] A1

[51] Int.Cl. 7C07D 239/91 7A61P 29/00  
7A61K 31/517  
[25] EN  
[54] QUINAZOLINONE DERIVATIVES  
AND THEIR USE AS CB AGONISTS  
[54] DERIVES DE LA  
QUINAZOLINONE ET UTILISATION  
DE CEUX-CI COMME AGONISTES DES  
CB  
[72] HART, TERANCE WILLIAM, GB  
[72] DZIADULEWICZ, EDWARD KAROL,  
GB  
[72] BRAIN, CHRISTOPHER THOMAS,  
GB  
[71] NOVARTIS AG, CH  
[85] 2004-06-28  
[86] 2003-02-05 (PCT/EP2003/001140)  
[87] 2003-08-14 (WO2003/066603)  
[30] GB (0202755.5) 2002-02-06  
[30] GB (0213285.0) 2002-06-10  
[30] GB (0221460.9) 2002-09-16  
[30] GB (0221459.1) 2002-09-16

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[13] A1

[51] Int.Cl. 7F16F 3/093  
[25] EN  
[54] ELEVATED COMPOSITE  
MATERIAL SPRINGS WITH  
ATTACHMENT FITTINGS  
[54] RESSORTS SURELEVES EN  
MATERIAU COMPOSITE AVEC  
RACCORDS DE FIXATION  
[72] CONSTANTINESCU, EUGEN, US  
[71] SEALY TECHNOLOGY LLC, US  
[85] 2004-06-28  
[86] 2003-01-09 (PCT/US2003/000670)  
[87] 2003-07-31 (WO2003/061932)  
[30] US (10/051,979) 2002-01-17

**[21] 2,471,978**  
[13] A1

[51] Int.Cl. 7G05D 7/01 7F16K 15/18  
7F16K 1/52  
[25] EN  
[54] APPARATUS FOR CONTROL OF  
DIFFERENTIAL PRESSURE IN A  
HEATING AND COOLING SYSTEM  
[54] APPAREIL DE COMMANDE DE LA  
PRESSION DIFFERENTIELLE DANS  
UN SYSTEME DE CHAUFFAGE ET DE  
REFROIDISSEMENT  
[72] ENGELBREKTSSON, ANDERS, SE  
[71] TOUR & ANDERSSON AB, SE  
[85] 2004-06-28  
[86] 2003-01-07 (PCT/SE2003/000005)  
[87] 2003-08-07 (WO2003/065141)  
[30] SE (0200239-2) 2002-01-28

**[21] 2,471,988**  
[13] A1

[51] Int.Cl. 7A61K 31/70  
[25] EN  
[54] FLUORINATED GLUCOSAMINE  
ANALOGS USEFUL FOR  
MODULATING POST-  
TRANSLATIONAL GLYCOSYLATIONS  
ON CELLS  
[54] ANALOGUES DE GLUCOSAMINE  
FLUOREE QUI CONVIENNENT POUR  
MODULER LES GLYCOSYLATIONS  
POST-TRADUCTIONNELLES SUR DES  
CELLULES  
[72] PAUL, BRAJESWAR, US  
[72] SACKSTEIN, ROBERT, US  
[72] BERNACKI, RALPH J., US  
[72] DIMITROFF, CHARLES J., US  
[72] SHARMA, MOHESWAR, US  
[72] MATTIA, KHUSHI L., US  
[71] THE BRIGHAM AND WOMEN'S  
HOSPITAL, INC., US  
[71] HEALTH RESEARCH INC., US  
[85] 2004-06-28  
[86] 2002-11-27 (PCT/US2002/038003)  
[87] 2003-11-13 (WO2003/093410)  
[30] US (60/334,151) 2001-11-28  
[30] US (10/305,812) 2002-11-26

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[13] A1

[51] Int.Cl. 7A61K 31/428 7C07D 277/60  
[25] EN  
[54] 2-AMINOTHIAZOLE  
ALLOSTERIC ENHancers OF A1  
ADENOSINE RECEPTORS  
[54] ACTIVATEURS ALLOSTERIQUES  
2-AMINOTHIAZOLES DES  
RECEPTEURS DE L'ADENOSINE A1  
[72] LINDEN, JOEL, US  
[72] MURPHREE, LAUREN, US  
[72] MACDONALD, TIMOTHY L., US  
[72] CHORDIA, MAHENDRA D., US  
[71] UNIVERSITY OF VIRGINIA PATENT  
FOUNDATION, US  
[85] 2004-06-28  
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[30] US (60/349,191) 2002-01-16

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[13] A1

[51] Int.Cl. 7H04Q 7/38 7H04Q 7/32  
[25] EN  
[54] METHOD AND MOBILE STATION  
TO PERFORM THE INITIAL CELL  
SEARCH IN TIME SLOTTED SYSTEMS  
[54] PROCEDE ET STATION MOBILE  
PERMETTANT D'EFFECTUER UNE  
RECHERCHE DE CELLULE INITIALE  
DANS DES SYSTEMES A  
INTERVALLES DE TEMPS  
[72] BADA', ANNA MARINA, IT  
[72] CAVALIERE, CHIARA, IT  
[71] SIEMENS MOBILE  
COMMUNICATIONS S.P.A., IT  
[85] 2004-06-28  
[86] 2002-01-21 (PCT/IT2002/000035)  
[87] 2003-07-31 (WO2003/063538)

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[13] A1

[51] Int.Cl. 7A61K 31/715 7C08B 1/00  
7C08B 30/00 7A61F 13/00  
[25] EN  
[54] HEMOSTATIC COMPOSITIONS  
AND METHODS FOR CONTROLLING  
BLEEDING  
[54] COMPOSITIONS  
HEMOSTATIQUES ET PROCEDES  
POUR MAITRISER LES  
HEMORRAGIES  
[72] COCHRUM, KENT C., US  
[72] JEMTRUD, SUSAN, US  
[71] ARES LABORATORIES, LLC, US  
[85] 2004-06-30  
[86] 2002-12-31 (PCT/US2002/041748)  
[87] 2003-07-17 (WO2003/057072)  
[30] US (60/343,247) 2001-12-31  
[30] US (60/354,917) 2002-02-11

[21] 2,471,999  
[13] A1

[51] Int.Cl. 7A23B 7/14 7A23B 7/10 7A23B  
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[25] EN  
[54] COMPOSITIONS FOR THE  
PRESERVATION OF FRUITS AND  
VEGETABLES  
[54] COMPOSITIONS POUR LA  
CONSERVATION DE FRUITS ET  
LEGUMES  
[72] PALIYATH, GOPINADHAN, CA  
[72] MURR, DENNIS P., CA  
[71] UNIVERSITY OF GUELPH, CA  
[85] 2004-06-29  
[86] 2002-12-20 (PCT/CA2002/001976)  
[87] 2003-07-24 (WO2003/059076)  
[30] US (60/345,807) 2002-01-04

[21] 2,472,000  
[13] A1

[51] Int.Cl. 7H04B 7/26 7H04L 1/00  
7H04Q 7/36  
[25] EN  
[54] TRANSPORT FORMAT  
COMBINATION INDICATOR  
SIGNALLING  
[54] SIGNALISATION PAR UN  
INDICATEUR DE LA COMBINAISON  
DU FORMAT DE TRANSPORT  
[72] BYSTED, TOMMY KRISTENSEN, DK  
[72] PEDERSEN, KENT, DK  
[71] NOKIA CORPORATION, FI  
[85] 2004-06-29  
[86] 2002-11-27 (PCT/EP2002/013355)  
[87] 2003-07-10 (WO2003/056722)  
[30] US (10/029,929) 2001-12-31

[21] 2,472,001  
[13] A1

[51] Int.Cl. 7A47C 7/00  
[25] EN  
[54] METHOD FOR FORMING BASES  
FOR ROTATABLE OFFICE CHAIRS  
AND BASE OBTAINED BY THE  
METHOD  
[54] PROCEDE DE FABRICATION DE  
BASES DESTINEES A DES FAUTEUILS  
DE BUREAU ROTATIFS ET BASE  
OBTENUE AU MOYEN DE CE  
PROCEDE  
[72] LIVIERO, STEFANO, IT  
[71] IMARC S.P.A., IT  
[85] 2004-06-29  
[86] 2003-01-17 (PCT/EP2003/000442)  
[87] 2003-07-31 (WO2003/061433)  
[30] IT (VE2002A00005) 2002-01-24

[21] 2,472,002  
[13] A1

[51] Int.Cl. 7A01N 1/02 7G01N 1/42  
[25] EN  
[54] CRYOGENIC STORAGE DEVICE  
COMPRISING A TRANSPOUNDER  
[54] DISPOSITIF DE STOCKAGE  
CRYOGENIQUE POURVU D'UN  
TRANSPOUNDER  
[72] HAGEDORN, ROLF, DE  
[72] FUHR, GUENTHER, DE  
[72] ZIMMERMANN, HEIKO, DE  
[71] FRAUNHOFER-GESELLSCHAFT  
ZUR FOERDERUNG DER  
ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2004-06-29  
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[30] DE (102 02 304.2) 2002-01-22

[21] 2,472,003  
[13] A1

[51] Int.Cl. 7A45F 3/22  
[25] EN  
[54] ASYMMETRICAL HAMMOCK  
[54] HAMAC ASYMETRIQUE  
[72] HENNESSY, THOMAS F., CA  
[71] HENNESSY HAMMOCK COMPANY,  
CA  
[85] 2004-06-29  
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[87] 2003-07-24 (WO2003/059116)  
[30] US (60/344,371) 2002-01-04

[21] 2,472,004  
[13] A1

[51] Int.Cl. 7A61N 7/02  
[25] EN  
[54] DEVICE FOR MINI-INVASIVE  
ULTRASOUND TREATMENT OF AN  
OBJECT BY A HEAT-ISOLATED  
TRANSDUCER  
[54] DISPOSITIF POUR TRAITEMENT  
MINI-INVASIF PAR ULTRASONS D'UN  
OBJET AU MOYEN D'UN  
TRANSDUCTEUR THERMO-ISOLE  
[72] LARSSON, KAJ, SE  
[72] LIDGREN, LARS, SE  
[71] ULTRAZONIX DNT AB, SE  
[85] 2004-06-29  
[86] 2003-01-15 (PCT/SE2003/000046)  
[87] 2003-07-24 (WO2003/059449)  
[30] SE (0200089-1) 2002-01-15

[21] 2,472,005  
[13] A1

[51] Int.Cl. 7B05C 19/06  
[25] EN  
[54] OPEN POWDER BOOTH  
COLLECTION DESIGN  
[54] SYSTEME DE COLLECTE DE  
POUDRE DE CABINE OUVERTE  
[72] COLE, DAVID J., US  
[71] DURR INDUSTRIES, INC., US  
[85] 2004-06-29  
[86] 2002-09-12 (PCT/US2002/028998)  
[87] 2003-07-24 (WO2003/059525)  
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[13] A1

[51] Int.Cl. 7A61F 13/20  
[25] EN  
[54] LATERALLY LOADED  
INSERTION DEVICE  
[54] DISPOSITIF D'INSERTION  
CHARGE LATERALEMENT  
[72] JACKSON, DANE R., US  
[72] EDGETT, KEITH, US  
[72] LEMAY, JESSICA, US  
[71] PLAYTEX PRODUCTS, INC., US  
[85] 2004-06-29  
[86] 2002-11-27 (PCT/US2002/037989)  
[87] 2003-07-24 (WO2003/059230)  
[30] US (10/038,552) 2002-01-04

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[21] 2,472,007  
[13] A1

[51] Int.Cl. 7A61M 5/172  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PROVIDING MEDICAL TREATMENT  
THERAPY BASED ON CALCULATED  
DEMAND  
[54] PROCEDE ET APPAREIL  
PERMETTANT DE FOURNIR UN  
TRAITEMENT MEDICAL SUR LA BASE  
DU CALCUL DE LA DEMANDE  
[72] BUI, TUAN, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2004-06-29  
[86] 2002-12-05 (PCT/US2002/038900)  
[87] 2003-07-24 (WO2003/059421)  
[30] US (10/038,516) 2002-01-03

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[13] A1

[51] Int.Cl. 7A61K 45/06 7A61P 35/00  
7A61K 31/40 7A61K 31/415  
[25] EN  
[54] COMBINED THERAPY AGAINST  
TUMORS COMPRISING SUBSTITUTED  
ACRYLOYL DISTAMYCIN  
DERIVATIVES AND PROTEIN KINASE  
(SERINE/THREONINE KINASE)  
INHIBITORS  
[54] THERAPIE COMBINEE CONTRE  
LES TUMEURS, REPOSANT SUR  
L'UTILISATION DE DERIVES DE  
DISTAMYCINE D'ACRYLOYLE  
SUBSTITUES ET D'INHIBITEURS DE  
PROTEINE KINASE (SERINE/  
THREONINE KINASE)  
[72] COZZI, PAOLO, IT  
[72] FOWST, CAMILLA, IT  
[72] GERONI, MARIA CRISTINA, IT  
[71] PHARMACIA ITALIA SPA, IT  
[85] 2004-06-29  
[86] 2002-12-18 (PCT/EP2002/013092)  
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[13] A1

[51] Int.Cl. 7A61M 5/172  
[25] EN  
[54] MEDICAL APPARATUS WITH  
REMOTE CONTROL  
[54] APPAREIL MEDICAL  
COMMANDE A DISTANCE  
[72] WILSON, LARRY, US  
[72] BUI, TUAN, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2004-06-29  
[86] 2002-12-05 (PCT/US2002/038901)  
[87] 2003-07-24 (WO2003/059422)  
[30] US (10/039,751) 2002-01-03

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[21] 2,472,011  
[13] A1

[51] Int.Cl. 7F16B 19/00 7F16B 39/00  
7F16B 43/00 7F16B 21/18  
[25] EN  
[54] TWO-PART SNAP-TOGETHER  
PANEL FASTENER  
[54] ORGANE D'ASSEMBLAGE DE  
PANNEAUX ENCLIQUETABLE EN  
DEUX PARTIES  
[72] BRUNO, DAVID J., US  
[71] PEM MANAGEMENT, INC., US  
[85] 2004-06-28  
[86] 2003-01-31 (PCT/US2003/002703)  
[87] 2003-08-21 (WO2003/069168)  
[30] US (60/354,920) 2002-02-11

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[13] A1

[51] Int.Cl. 7H04N 5/225 7A61B 1/005  
[25] EN  
[54] IMAGING DEVICE AND RELATED  
METHODS  
[54] DISPOSITIF D'IMAGERIE ET  
PROCEDES ASSOCIES  
[72] CHIN, YEM, US  
[72] CROWLEY, ROBERT J., US  
[72] BARBATO, LOUIS J., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-06-29  
[86] 2002-12-13 (PCT/US2002/040035)  
[87] 2003-07-24 (WO2003/061275)  
[30] US (60/347,391) 2002-01-09  
[30] US (10/195,603) 2002-07-15

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[21] 2,472,013  
[13] A1

[51] Int.Cl. 7H04B 7/26  
[25] EN  
[54] INTERLEAVING FOR  
MULTIPLEXED DATA  
[54] IMBRICATION POUR DONNEES  
MULTIPLEXEES  
[72] PEDERSEN, KENT, DK  
[72] BYSTED, TOMMY KRISTENSEN, DK  
[71] NOKIA CORPORATION, FI  
[85] 2004-06-29  
[86] 2002-12-23 (PCT/EP2002/014725)  
[87] 2003-07-10 (WO2003/056716)  
[30] US (10/029,933) 2001-12-31  
[30] US (10/029,970) 2001-12-31

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[13] A1

[51] Int.Cl. 7A21D 13/08 7A21B 5/02  
7A21C 11/16  
[25] EN  
[54] CONE  
[54] CONE  
[72] GEROMINI, OSVALDO, CH  
[72] NEIDLINGER, SYLKE, CH  
[72] HECK, ERNST, CH  
[71] SOCIETE DES PRODUITS NESTLE  
S.A., CH  
[85] 2004-06-29  
[86] 2002-12-23 (PCT/EP2002/014879)  
[87] 2003-07-10 (WO2003/055317)  
[30] EP (01205185.0) 2001-12-30

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[13] A1

[51] Int.Cl. 7C12N 5/06 7C12Q 1/02  
7C12N 5/10 7C12Q 1/68 7C12N 15/86  
[25] FR  
[54] METHODE D'IDENTIFICATION  
DE SUBSTANCES CAPABLES DE  
MODULER LA DIFFERENCIATION  
ADIPOCYTAIRE  
[54] METHOD AND DEVICE FOR  
IDENTIFYING SUBSTANCES  
CAPABLE OF MODULATING  
ADIPICYTE DIFFERENTIATION  
[72] STAELS, BART, BE  
[71] GENFIT, FR  
[85] 2004-06-28  
[86] 2003-01-17 (PCT/FR2003/000157)  
[87] 2003-07-24 (WO2003/060106)  
[30] FR (02/00582) 2002-01-18

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**[21] 2,472,018**  
[13] A1

[51] Int.Cl. 7G05B 19/40 7H02P 8/00  
7G05B 11/28 7G05B 11/30  
[25] EN  
[54] PULSE OUTPUT FUNCTION FOR  
PROGRAMMABLE LOGIC  
CONTROLLER  
[54] FONCTION DE SORTIE  
D'IMPULSION POUR CONTROLEUR A  
LOGIQUE PROGRAMMABLE  
[72] MCNUTT, ALAN D., US  
[71] SIEMENS ENERGY &  
AUTOMATION, INC., US  
[85] 2004-06-29  
[86] 2002-12-17 (PCT/US2002/040341)  
[87] 2003-07-24 (WO2003/060615)  
[30] US (60/346,488) 2002-01-07  
[30] US (10/309,539) 2002-12-04

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[13] A1

[51] Int.Cl. 7B41M 1/24 7B41C 1/00  
7B41N 1/06 7B41M 3/14  
[25] EN  
[54] STEEL INTAGLIO PRINTING  
METHOD FOR PRODUCING A  
SECURITY DOCUMENT AND STEEL  
INTAGLIO PRINTING PLATE AND  
SEMIFINISHED PRODUCTS  
THEREFOR AND METHOD FOR  
PRODUCTION THEREOF  
[54] PROCEDE D'HELIogravure  
ACIER D'UN DOCUMENT DE  
SECURITE ET PLAQUE  
D'HELIogravure en acier et  
DEMI-PRODUITS UTILISES ET LEUR  
PROCEDE DE PRODUCTION  
[72] BRAUN, ECKHARD, DE  
[72] PLASCHKA, REINHARD, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2004-06-29  
[86] 2003-01-08 (PCT/EP2003/000112)  
[87] 2003-07-17 (WO2003/057494)  
[30] DE (102 01 032.3) 2002-01-11

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[13] A1

[51] Int.Cl. 7C07C 237/42 7A61P 3/10  
7A61K 31/16 7C07D 211/26 7C07C 317/32  
7C07D 333/34 7C07C 233/56 7C07C 255/  
60  
[25] EN  
[54] SUBSTITUTED METHYLENE  
AMIDE DERIVATIVES AS  
MODULATORS OF PROTEIN  
TYROSINE PHOSPHATASES (PTPS)  
[54] DERIVES AMIDES SUBSTITUES  
METHYLENE EN TANT QUE  
MODULATEURS DE PROTEINE  
TYROSINE PHOSPHATASES (PTP)  
[72] GONZALEZ, JEROME, FR  
[72] PITTEL, PIERRE-ANDRE, CH  
[72] GERBER, PATRICK, CH  
[72] BOMBRUN, AGNES, FR  
[72] SWINNEN, DOMINIQUE, CH  
[71] APPLIED RESEARCH SYSTEMS ARS  
HOLDING N.V., AN  
[85] 2004-06-29  
[86] 2003-01-27 (PCT/EP2003/000808)  
[87] 2003-08-07 (WO2003/064376)  
[30] EP (02100078.1) 2002-01-29  
[30] EP (02100410.6) 2002-04-25

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[13] A1

[51] Int.Cl. 7B60J 3/04  
[25] EN  
[54] ACTIVE TYPE SUN LENS AND  
FRAME VEHICLE SUNGLASSES  
[54] LENTILLE SOLAIRE ACTIVE ET  
VISIERE SOLAIRE INTEGREE AU  
VEHICULE  
[72] SHE, XIAO-DONG JACK, CA  
[71] SHE, XIAO-DONG JACK, CA  
[85] 2004-06-08  
[86] 2003-01-10 (PCT/CA2003/000010)  
[87] 2003-10-02 (WO2003/080376)  
[30] CA (2,384,684) 2002-03-26

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[13] A1

[51] Int.Cl. 7A61M 25/01  
[25] EN  
[54] STEERABLE CATHETER O.T.L  
[54] INSTRUMENT MEDICAL  
ALLONGE  
[72] ADAMS, PAULUS G., NL  
[72] SMITS, KAREL F. A. A., NL  
[72] RUTTEN, JEAN J., NL  
[71] MEDTRONIC, INC., US  
[85] 2004-06-29  
[86] 2003-01-09 (PCT/US2003/000672)  
[87] 2003-07-24 (WO2003/059429)  
[30] US (10/045,850) 2002-01-09

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[13] A1

[51] Int.Cl. 7B65B 1/04  
[25] EN  
[54] HYDROGEN FUELING STATION  
[54] STATION-SERVICE  
DISTRIBUANT DE L'HYDROGENE  
[72] MULVENNA, ALAN J., CA  
[72] MUFFORD, WILLIAM E., CA  
[72] HARPER, MATTHEW A., CA  
[72] KO, JAMES, CA  
[72] BORCK, JOACHIM G., CA  
[72] GRAHAM, JOHN D., CA  
[71] GENERAL HYDROGEN CORP., US  
[85] 2004-06-29  
[86] 2003-01-10 (PCT/US2003/000691)  
[87] 2003-07-24 (WO2003/059742)  
[30] US (60/347,324) 2002-01-10

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**[21] 2,472,028**  
[13] A1

[51] Int.Cl. 7A61K 9/16 7A61K 9/14  
[25] EN  
[54] METHOD FOR MAKING HOMOGENEOUS SPRAY-DRIED SOLID AMORPHOUS DRUG DISPERSIONS UTILIZING MODIFIED SPRAY-DRYING APPARATUS  
[54] PROCEDE DE FABRICATION DE DISPERSIONS MEDICAMENTEUSES AMORPHES SOLIDES HOMOGENES SECHEES PAR PULVERISATION AU MOYEN D'UN APPAREIL DE SECHAGE PAR PULVERISATION MODIFIE  
[72] BEYERINCK, RONALD ARTHUR, US  
[72] SETTELL, DANA MARIE, US  
[72] SPENCE, KENNY RAY, US  
[72] DEIBELE, HEATHER LYNN MELCHER, US  
[72] RAY, RODERICK JACK, US  
[72] DOBRY, DANIEL ELMONT, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-06-29  
[86] 2003-01-20 (PCT/IB2003/000144)  
[87] 2003-08-07 (WO2003/063822)  
[30] US (60/354,080) 2002-02-01

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[13] A1

[51] Int.Cl. 7B01L 3/00 7F04B 19/00  
7B03C 5/00 7G02F 1/00  
[25] EN  
[54] METHOD, APPARATUS AND ARTICLE FOR MICROFLUIDIC CONTROL VIA ELECTROWETTING, FOR CHEMICAL, BIOCHEMICAL AND BIOLOGICAL ASSAYS AND THE LIKE  
[54] PROCEDE, APPAREIL ET ARTICLE DE REGULATION MICROFLUIDIQUE PAR ELECTROMOUILLAGE DESTINES A DES ANALYSES CHIMIQUES, BIOCHIMIQUES, BIOLOGIQUES ET ANALOGUES  
[72] STERLING, JAMES D., US  
[71] KECK GRADUATE INSTITUTE, US  
[85] 2004-06-29  
[86] 2002-11-26 (PCT/US2002/038047)  
[87] 2003-06-05 (WO2003/045556)  
[30] US (60/333,621) 2001-11-26

**[21] 2,472,031**  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] MEDICAL DEVICE WITH COATING THAT PROMOTES ENDOTHELIAL CELL ADHERENCE AND DIFFERENTIATION  
[54] DISPOSITIF MEDICAL RECOUVERT D'UN REVETEMENT QUI FACILE LA FIXATION ET LA DIFFERENTIATION DE CELLULES ENDOTHELIALES  
[72] KULISZEWSKI, MICHAEL A., CA  
[72] KUTRYK, MICHAEL J. B., CA  
[72] COTTONE, ROBERT J., JR., US  
[72] ROWLAND, STEPHEN M., US  
[71] ORBUS MEDICAL TECHNOLOGIES INC., US  
[85] 2004-06-29  
[86] 2003-02-06 (PCT/US2003/003645)  
[87] 2003-08-14 (WO2003/065881)  
[30] US (60/354,680) 2002-02-06

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[54] SYSTEME MULTIMEDIA COMPRENANT UN ORDINATEUR PORTATIF, UNE TELEVISION, ET UN TELEPHONE CELLULAIRE  
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[54] PRODUITS FIXATEURS POUR CHEVEUX  
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[25] FR  
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[54] METHOD AND DEVICE FOR COOLING A STREAM OF GASEOUS LIQUID AND A METHOD OF COOLING ARTICLES  
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[54] SEPARATEUR DE MATERIAUX  
[72] MCCLUNG, GUY LAMONT III, US  
[72] ADAMS, THOMAS COLE, US  
[71] VARCO I/P, INC., US  
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[54] INDICATEURS DE PEROXYDE D'HYDROGÈNE ET DE L'ACIDE PERACÉTIQUE ET LEURS PROCÉDÉS D'UTILISATION  
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[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[25] EN  
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[54] COMPOSITIONS DE GUIDE D'ONDES A BASE DE SILICATE PERMETTANT L'AMPLIFICATION DES BANDE L ET BANDE S ELARGIES  
[72] SCHARDT, CRAIG R., US  
[72] BUDD, KENTON D., US  
[72] ONSTOTT, JAMES R., US  
[72] ANDERSON, MARK T., US  
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[54] PROTECTION DE LARGEUR DE BANDE PARTAGEE IMPLICITE POUR LE REACHEMINEMENT RAPIDE  
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[72] GOGUEN, ROBERT JAMES, US  
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[25] EN  
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[54] CEINTURE DE SECURITE A BOUCLE DE PROTECTION A L'EPREUVE DES ENFANTS  
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[25] EN  
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[54] COMPOSITIONS DE GUIDES D'ONDES DE SILICATE EXEMPT DE GERMANIUM POUR LES EMISSIONS EN BANDE S ET BANDE L ET PROCEDE DE FABRICATION  
[72] ANDERSON, MARK T., US  
[72] BUDD, KENTON D., US  
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[72] SCHARDT, CRAIG R., US  
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[54] DISPOSITIF ET PROCEDE POUR IMPLANT DE SOUTIEN MODULAIRE A EFFRACTION MINIMALE  
[72] OHANA, NISSIM, IL  
[72] BEN-ARYE, ASAFA, IL  
[72] SHEZIFI, YUVAL, IL  
[72] GRUNBERG, ILAN, IL  
[71] EXPANDIS LTD., IL  
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[25] EN  
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[54] ADAPTATION DE SIGNAUX DE RAYONNEMENT HAUTE FREQUENCE ET/OU DE CHAMP MAGNETIQUE, ET COMMANDE DE DISPOSITIFS IMPLANTABLES  
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[71] MEDTRONIC, INC., US  
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[54] RESEAU DE LASERS A CAVITE VERTICALE ET A EMISSION PAR LA SURFACE MULTIPLEXES EN LONGUEUR D'ONDE  
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[71] FINISAR CORPORATION, US  
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[54] ISOLATION DE SECURITE POUR MATERIEL DE SOUDAGE A L'ARC  
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[25] EN  
[54] TILT CHAIR HAVING A FLEXIBLE BACK, ADJUSTABLE ARMRESTS AND ASJUSTABLE SEAT DEPTH, AND METHODS FOR THE USE THEREOF  
[54] FAUTEUIL BASCULANT A DOSSIER FLEXIBLE, ACCOUDOIRS REGLABLES ET PROFONDEUR DE SIEGE REGLABLE, ET LEURS PROCEDES D'UTILISATION  
[72] SLAGH, JAMES D., US  
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[71] UNIFRAX CORPORATION, US  
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[54] NUCLEAR MAGNETIC RESONANCE METHOD OF DETECTING AND MONITORING THE FLOCCULATION KINETICS OF HEAVY FRACTIONS OF A COMPLEX FLUID  
[72] FLEURY, MARC, FR  
[72] COHEN ADDAD, JEAN-PIERRE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
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[30] FR (02/00466) 2002-01-16

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[54] COMPOSITIONS ANTI-PERTE DE CIRCULATION  
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[13] A1

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[72] BAKER, MARK R., US  
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[54] UTILISATION DE GLYCOSAMINOGLYCANES SULFATES POUR ETABLIR LE TRAVAIL EFFECTIF CHEZ LA FEMME  
[72] EKMAN-ORDEBERG, GUNVOR, SE  
[72] MALMSTROEM, ANDERS, SE  
[71] DILAFOR AB, SE  
[85] 2004-06-29  
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[30] SE (0200005-7) 2002-01-02

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[25] EN  
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[30] US (10/052,238) 2002-01-16

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[13] A1

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[72] CONROY, JOHN F., US  
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[85] 2004-06-29  
[86] 2002-05-16 (PCT/US2002/015357)  
[87] 2003-08-21 (WO2003/068023)  
[30] US (10/068,983) 2002-02-11

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[13] A1

[51] Int.Cl. 7A61M 16/00  
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[54] APPAREILS ET PROCEDES SERVANT A EVALUER ET A SUIVRE AUTOMATIQUEMENT LA REACTION D'UN PATIENT  
[72] HICKLE, RANDALL S., US  
[71] SCOTT LABORATORIES, INC., US  
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[30] US (60/342,773) 2001-12-28  
[30] US (10/329,763) 2002-12-27

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[13] A1

[51] Int.Cl. 7C09D 7/12  
[25] EN  
[54] POLYUNSATURATED FATTY ACIDS AS PART OF REACTIVE STRUCTURES FOR LATEX PAINTS: THICKENERS, SURFACTANTS AND DISPERSANTS  
[54] ACIDES GRAS POLYINSATURÉS FORMANT PARTIE DE STRUCTURES REACTIVES POUR DES PEINTURES AU LATEX : EPAISSISSANTS, TENSIO-ACTIFS ET PRODUITS DISPERSANTS  
[72] RICH, ARTHUR F., US  
[72] BLOOM, PAUL D., US  
[72] POPPE, GEORGE B., US  
[71] ARCHER-DANIELS-MIDLAND COMPANY, US  
[85] 2004-06-30  
[86] 2002-12-17 (PCT/US2002/039899)  
[87] 2003-07-24 (WO2003/060023)  
[30] US (60/344,044) 2002-01-03

**[21] 2,472,100**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR PAY FOR PERFORMANCE ADVERTISING IN GENERAL MEDIA  
[54] SYSTEME ET PROCEDE DE PUBLICITE REMUNEREE EN FONCTION DU RENDEMENT DANS LES MEDIAS GENERAUX  
[72] RAE, DAVID CLOUSTON, US  
[72] WILLIAMS, JASON BENHARD, US  
[72] GARCIA, ANTHONY ALBERT, US  
[72] THUNE, PHILLIP ROSS, US  
[72] PROTHEROE, ROBERT LLEWELLYN, US  
[72] PISARIS-HENDERSON, CRAIG ALLEN, US  
[72] HART, SEAN PATRICK, US  
[72] NEUMANN, PETER THOMAS, US  
[71] FINDWHAT.COM, US  
[85] 2004-06-28  
[86] 2002-12-30 (PCT/US2002/041707)  
[87] 2003-07-17 (WO2003/058531)  
[30] US (60/344,100) 2001-12-28

**[21] 2,472,103**  
[13] A1

[51] Int.Cl. 7A61K 9/24 7A61K 31/4439  
[25] EN  
[54] TRANSMUCOSAL DELIVERY OF PROTON PUMP INHIBITORS  
[54] ADMINISTRATION PAR VOIE MUQUEUSE D'INHIBITEURS DE LA POMPE A PROTONS  
[72] OLMSTEAD, KAY, US  
[72] WIDDER, KEN, US  
[72] HALL, WARREN, US  
[71] SANTARUS, INC., US  
[85] 2004-06-25  
[86] 2003-01-27 (PCT/US2003/002659)  
[87] 2003-08-07 (WO2003/063840)  
[30] US (60/351,909) 2002-01-25  
[30] US (60/374,761) 2002-04-22

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**[21] 2,472,104**  
[13] A1

[51] Int.Cl. 7H02N 2/00 7H01L 41/09  
[25] EN  
[54] PIEZOELECTRIC MOTOR CONTROL  
[54] REGULATION DE MOTEUR PIEZO-ELECTRIQUE  
[72] VARADI, PETER C., US  
[72] MAGNUSEN, BJORN B., DE  
[72] SCHULER, DIETER A., DE  
[71] ELLIPTEC RESONANT ACTUATOR AKTIENGESELLSCHAFT, DE  
[85] 2004-06-29  
[86] 2003-02-06 (PCT/US2003/003707)  
[87] 2003-08-14 (WO2003/067746)  
[30] US (60/355,172) 2002-02-06

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**[21] 2,472,105**  
[13] A1

[51] Int.Cl. 7E21B 49/10  
[25] EN  
[54] APPARATUS AND METHOD FOR CLEANING AND SEALING A WELL BOREHOLE PORTION FOR FORMATION EVALUATION  
[54] APPAREIL ET PROCEDE PERMETTANT DE NETTOYER ET D'ETANCHEIFIER UNE PARTIE D'UN PUITS DE FORAGE POUR UNE EVALUATION DES COUCHES  
[72] MEISTER, MATTIAS, DE  
[72] KREUGER, SVEN, DE  
[72] HERBERG, WOLFGANG, DE  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-06-25  
[86] 2003-10-24 (PCT/US2003/034103)  
[87] 2004-05-06 (WO2004/038178)  
[30] US (10/279,415) 2002-10-24

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**[21] 2,472,106**  
[13] A1

[51] Int.Cl. 7G02F 1/01 7G02B 6/16  
[25] EN  
[54] POWER EFFICIENT ASSEMBLIES FOR APPLYING A TEMPERATURE GRADIENT TO A REFRACTIVE INDEX GRATING  
[54] ENSEMBLES A FAIBLE CONSOMMATION D'ENERGIE DESTINES A APPLIQUER UN GRADIENT DE TEMPERATURE A UN RESEAU A INDICE DE REFRACTION  
[72] PEPPIN, PHILIPPE, CA  
[72] PELLETIER, FRANCOIS, CA  
[72] LACHANCE, RICHARD, CA  
[72] RUTHERS, TRISTAN, CA  
[71] TERAXION INC, CA  
[85] 2004-06-25  
[86] 2003-02-06 (PCT/CA2003/000167)  
[87] 2003-08-14 (WO2003/067313)  
[30] CA (2,371,106) 2002-02-07  
[30] CA (2,383,807) 2002-04-26

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**[21] 2,472,107**  
[13] A1

[51] Int.Cl. 7C07D 487/06 7A61P 9/10  
7A61K 31/5517  
[25] EN  
[54] DIBENZODIAZEPINE DERIVATES, THEIR PREPARATION AND USE  
[54] DERIVES DE DIBENZODIAZEPINE, LEUR PREPARATION ET LEUR APPLICATION  
[72] MULLER, REINHOLD, DE  
[72] SUBKOWSKI, THOMAS, DE  
[72] WERNET, WOLFGANG, DE  
[72] BRAJE, WILFRIED, DE  
[72] LUBISCH, WILFRIED, DE  
[72] GRANDEL, ROLAND, DE  
[72] DRESCHER, KARLA, DE  
[71] ABBOTT GMBH & CO. KG., DE  
[85] 2004-06-25  
[86] 2003-01-10 (PCT/EP2003/000192)  
[87] 2003-07-17 (WO2003/057699)  
[30] US (10/041,556) 2002-01-10

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**[21] 2,472,114**  
[13] A1

[51] Int.Cl. 7C07H 17/04 7C07H 1/08  
7A61P 17/16 7A23L 1/302 7A61K 7/48  
7C12P 19/60 7A61K 31/7048  
[25] EN  
[54] 2-O-(-D-GLUCOPYRANOSYL)ASCORBIC ACID, PROCESS FOR ITS PRODUCTION, AND FOODS AND COSMETICS CONTAINING COMPOSITIONS COMPRISING IT  
[54] ACIDE 2-O-(-D-GLUCOPYRANOSYL) ASCORBIQUE, PROCEDE DE PRODUCTION, ALIMENTS ET PRODUITS COSMETIQUES CONTENANT DES COMPOSITIONS COMPRENANT CET ACIDE  
[72] NAKAO, MASAHIRO, JP  
[72] FUKAMI, HARUKAZU, JP  
[72] MAEDA, MITSURU, JP  
[71] SUNTORY LIMITED, JP  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/JP2002/013857)  
[87] 2003-07-17 (WO2003/057707)  
[30] JP (2001-400258) 2001-12-28

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**[21] 2,472,116**  
[13] A1

[51] Int.Cl. 7C09D 5/08  
[25] EN  
[54] POLYMER DERIVATIVES FOR THE TREATMENT OF METALS  
[54] DERIVES DE POLYMERES CONCUS TRAITER DES METAUX  
[72] WITTELER, HELMUT, DE  
[72] NEUMANN, PETER, DE  
[72] JAGER, HANS-ULRICH, DE  
[72] FERNANDEZ CONZALES, MONICA, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/EP2002/014784)  
[87] 2003-07-10 (WO2003/056061)  
[30] DE (101 63 892.2) 2001-12-27

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[21] 2,472,117  
[13] A1

[51] Int.Cl. 7H01J 40/14  
[25] EN  
[54] SENSOR CONFIGURATION FOR SUBSTANTIAL SPACING FROM A SMALL APERTURE  
[54] CONFIGURATION DE DETECTION PERMETTANT L'ESPACEMENT SUBSTANIEL PAR RAPPORT A UNE PETITE OUVERTURE  
[72] OCKERSE, HAROLD C., US  
[72] BECHTEL, JON H., US  
[71] GENTEX CORPORATION, US  
[85] 2004-06-25  
[86] 2003-01-24 (PCT/US2003/002193)  
[87] 2003-09-25 (WO2003/078941)  
[30] US (10/068,540) 2002-02-06

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[21] 2,472,120  
[13] A1

[51] Int.Cl. 7C23C 22/05 7C23C 22/06  
7C09D 125/08 7C25D 11/08 7C08G 8/10  
7C23C 18/31 7C23C 18/48 7C25D 3/56  
[25] EN  
[54] POLYMER DERIVATIVES FOR TREATING METALS  
[54] DERIVES DE POLYMERES CONCUS POUR TRAITER DES METAUX  
[72] JAEGER, HANS-ULRICH, DE  
[72] FERNANDEZ GONZALEZ, MONICA, DE  
[72] WITTELER, HELMUT, DE  
[72] NEUMANN, PETER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/EP2002/014786)  
[87] 2003-07-10 (WO2003/056062)  
[30] DE (101 64 671.2) 2001-12-27

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[21] 2,472,121  
[13] A1

[51] Int.Cl. 7A61K 7/48  
[25] FR  
[54] COMPOSITION COMPRENANT AU MOINS UN ALCANOLAMIDE POUR INHIBER LA MIGRATION DES CELLULES DE LANGERHANS, ET SES UTILISATIONS.  
[54] COMPOSITION COMPRISING AT LEAST AN ALCANOLAMIDE FOR INHIBITING LANGERHANS CELL MIGRATION, AND USES THEREOF  
[72] MSIKA, PHILIPPE, FR  
[72] PICCIRILLI, ANTOINE, FR  
[72] PICCARDI, NATHALIE, FR  
[71] LABORATOIRES EXPANSIENCE, FR  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/FR2002/004582)  
[87] 2003-07-10 (WO2003/055462)  
[30] FR (0116916) 2001-12-27

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[21] 2,472,127  
[13] A1

[51] Int.Cl. 7C05F 11/08 7C12N 1/20  
[25] EN  
[54] SULFUR-OXIDIZING BACTERIA FOR PROMOTING PLANT GROWTH  
[54] RHIZOBACTERIES SULFO-OXYDANTES FAVORISANT LA CROISSANCE DES PLANTES POUR AMELIORER LE RENDEMENT DU CANOLA  
[72] BANERJEE, MANAS, RANJAN, CA  
[72] YESMIN, LAILA, CA  
[71] BANERJEE, MANAS, RANJAN, CA  
[71] YESMIN, LAILA, CA  
[85] 2004-06-30  
[86] 2002-12-11 (PCT/CA2002/001897)  
[87] 2003-07-17 (WO2003/057861)  
[30] US (60/344,817) 2002-01-07

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[21] 2,472,129  
[13] A1

[51] Int.Cl. 7F42B 3/087 7F42D 3/04  
7E21C 37/12  
[25] EN  
[54] METHOD OF AND APPARATUS FOR BREAKING ROCK  
[54] PROCEDE ET APPAREIL SERVANT A CASSER LA ROCHE  
[72] VAN DYK, ANDRE, ZA  
[71] NXCO INTERNATIONAL LIMITED, BS  
[85] 2004-06-30  
[86] 2002-12-17 (PCT/ZA2002/000208)  
[87] 2003-07-24 (WO2003/060419)  
[30] ZA (2001/5457) 2002-01-03  
[30] ZA (2001/5464) 2002-01-03  
[30] ZA (2001/5459) 2002-01-03  
[30] ZA (2001/5460) 2002-01-03

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[21] 2,472,124  
[13] A1

[51] Int.Cl. 7A61K 47/48  
[25] FR  
[54] COMPOSES AMPHIPHILES A USAGE PHARMACEUTIQUE OU COSMETIQUE  
[54] AMPHIPHILIC COMPOUNDS FOR PHARMACEUTICAL OR COSMETIC USE  
[72] CALVET, NICOLAS, FR  
[71] PHYSICA S.A.R.L., FR  
[85] 2004-06-25  
[86] 2002-12-24 (PCT/FR2002/004561)  
[87] 2003-07-10 (WO2003/055528)  
[30] FR (01/16936) 2001-12-27

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**[21] 2,472,133**  
[13] A1

[51] Int.Cl. 7C07C 311/18 7C07C 303/36  
7C07C 303/40 7C07C 311/41 7C07C 303/  
44  
[25] EN  
[54] PROCESS FOR PRODUCING  
CRYSTAL OF  
BENZENESULFONAMIDE  
DERIVATIVE, AND NOVEL CRYSTAL  
OF INTERMEDIATE THEREFOR AND  
PROCESS FOR PRODUCING THE  
SAME  
[54] PROCEDE DE PRODUCTION D'UN  
CRISTAL D'UN DERIVE DE  
BENZENESULFONAMIDE, ET  
NOUVEAU CRISTAL D'UN PRODUIT  
INTERMEDIAIRE DE CE DERIVE ET  
SON PROCEDE DE PRODUCTION  
[72] HIROSE, NAOKO, JP  
[72] OHNISHI, TOMOYUKI, JP  
[72] KURODA, SHINJI, JP  
[72] HAMADA, TAKAYUKI, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2004-06-25  
[86] 2002-12-27 (PCT/JP2002/013849)  
[87] 2003-07-17 (WO2003/057665)  
[30] JP (2001/401270) 2001-12-28  
[30] JP (2002/69171) 2002-03-13

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**[21] 2,472,135**  
[13] A1

[51] Int.Cl. 7C08F 259/08  
[25] EN  
[54] CORE-SHELL FLUOROPOLYMER  
DISPERSIONS  
[54] DISPERSIONS DE  
FLUOROPOLYMERES A COEUR ET A  
COQUE  
[72] KRAKOWIAK, WALTER, US  
[72] JONES, CLAY WOODWARD, US  
[71] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 2004-06-29  
[86] 2002-03-13 (PCT/US2002/009018)  
[87] 2003-07-31 (WO2003/062291)  
[30] US (60/345,299) 2002-01-04

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**[21] 2,472,139**  
[13] A1

[51] Int.Cl. 7E04H 4/16  
[25] EN  
[54] AUTOMATIC POOL CLEANER  
WITH FLIP FLOP VALVE  
[54] NETTOYEUR DE PISCINE  
AUTOMATIQUE A VANNE VA-ET-  
VIENT  
[72] BALINT, ZOLTAN, AU  
[71] ZOLTANS POOL PRODUCTS PTY  
LTD, AU  
[85] 2004-06-29  
[86] 2002-03-06 (PCT/AU2002/000253)  
[87] 2002-09-12 (WO2002/070837)  
[30] AU (PR 3584) 2001-03-07

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**[21] 2,472,145**  
[13] A1

[51] Int.Cl. 7B65D 83/14  
[25] EN  
[54] PRESSURE REGULATING DEVICE  
FOR A PRESSURISED DISPENSING  
VESSEL  
[54] DISPOSITIF REGULATEUR DE  
PRESSION DANS UN RECIPIENT DE  
DISTRIBUTION COMPRIME  
[72] FRASER-EASTON, GILBERT, AU  
[71] PRIMEPAK PTY LTD., AU  
[85] 2004-06-29  
[86] 2003-01-30 (PCT/AU2003/000092)  
[87] 2003-08-07 (WO2003/064286)  
[30] AU (PS 0237) 2002-01-31

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**[21] 2,472,142**  
[13] A1

[51] Int.Cl. 7C11D 17/04 7B08B 1/00  
7C11D 1/14 7A47L 13/16 7C11D 1/72  
7C11D 1/75 7C11D 1/83  
[25] EN  
[54] IMPROVEMENTS IN AND  
RELATING TO CLEANING  
IMPLEMENT  
[54] OUTILS DE NETTOYAGE  
AMELIORES  
[72] COOK, ANDREW DAVID, US  
[72] COONEY, EDWARD MATHEW, US  
[72] MONTICELLO, MICHAEL VINCENT,  
US  
[71] RECKITT BENCKISER INC., US  
[85] 2004-06-29  
[86] 2003-01-16 (PCT/GB2003/000206)  
[87] 2003-07-31 (WO2003/062365)  
[30] GB (0201002.3) 2002-01-17

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**[21] 2,472,146**  
[13] A1

[51] Int.Cl. 7A61M 5/142 7A61M 39/08  
7B65H 75/34 7B67D 5/365 7B65H 75/38  
[25] EN  
[54] VARIABLE LENGTH FLEXIBLE  
CONDUIT FEEDER  
[54] DISPOSITIF DE DISTRIBUTION  
DE CONDUITS FLEXIBLES A  
LONGUEUR VARIABLE  
[72] KILISZEWSKI, LAWRENCE C., US  
[72] MOLINA, ADAM H., US  
[72] MCCONNELL, SUSAN, US  
[71] MEDTRONIC MINIMED, INC., US  
[85] 2004-06-25  
[86] 2002-12-19 (PCT/US2002/041024)  
[87] 2003-07-17 (WO2003/057028)  
[30] US (10/033,993) 2001-12-28

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**[21] 2,472,144**  
[13] A1

[51] Int.Cl. 7H02P 9/10 7H02P 7/635  
[25] EN  
[54] CIRCUIT TO BE USED IN A WIND  
POWER PLANT  
[54] CIRCUIT CONCU POUR ETRE  
UTILISE DANS UNE INSTALLATION  
D'ENERGIE EOLIENNE  
[72] FEDDERSEN, LORENZ, DE  
[71] VESTAS WIND SYSTEMS A/S, DK  
[85] 2004-06-30  
[86] 2003-01-23 (PCT/DE2003/000172)  
[87] 2003-08-07 (WO2003/065567)  
[30] DE (102 03 468.0) 2002-01-29  
[30] DE (102 06 828.3) 2002-02-18

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**[21] 2,472,147**  
[13] A1

[51] Int.Cl. 7B01J 20/18 7F25B 43/00  
7B01D 53/04 7B01J 20/26 7B01D 53/28  
7B01J 20/28 7C02F 1/42  
[25] EN  
[54] ADSORBING MATERIAL  
COMPRISSE OF POROUS  
FUNCTIONAL SOLID  
INCORPORATED IN A POLYMER  
MATRIX  
[54] MATERIAU ADSORBANT  
COMPRENANT DES CONSTITUANTS  
SOLIDES FONCTIONNELS POREUX  
INCOPRORES DANS UNE MATRICE  
POLYMER  
[72] FRITZ, HANS-G., DE  
[72] HAMMER, JOCHEN, DE  
[72] HOEFER, HANS H., DE  
[71] GRACE GMBH & CO. KG, DE  
[85] 2004-06-30  
[86] 2002-12-20 (PCT/EP2002/014666)  
[87] 2003-07-10 (WO2003/055593)  
[30] EP (01131056.2) 2001-12-31

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[21] **2,472,149**  
[13] A1

[51] Int.Cl. 7C07D 451/12 7A61P 1/06  
7A61P 11/06 7A61P 13/06 7A61K 31/439  
[25] EN  
[54] NEW FLUORENECARBOXYLIC ACID ESTERS, PROCESS FOR THE MANUFACTURE THEREOF AND USE THEREOF AS MEDICAMENTS  
[54] NOUVEAUX ESTERS D'ACIDE CARBOXYLIQUE DE FLUORENE, PROCEDE PERMETTANT DE LES PRODUIRE ET LEUR UTILISATION COMME MEDICAMENTS  
[72] PESTEL, SABINE, DE  
[72] REICHL, RICHARD, DE  
[72] POHL, GERALD, DE  
[72] MEISSNER, HELMUT, DE  
[72] SPECK, GEORG, DE  
[72] MORSCHHAEUSER, GERD, DE  
[72] GERMEYER, SABINE, DE  
[72] PIEPER, MICHAEL P., DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
[85] 2004-06-29  
[86] 2003-01-21 (PCT/EP2003/000534)  
[87] 2003-08-07 (WO2003/064419)  
[30] DE (102 03 741.8) 2002-01-31

[21] **2,472,155**  
[13] A1

[51] Int.Cl. 7C25D 11/00 7C25D 11/02  
7C25D 11/26  
[25] EN  
[54] METHODS OF ANODIZING SINTERED VALVE METAL ANODES  
[54] PROCEDES D'ANODISATION D'ANODES EN METAL DE VALVE FRITTE  
[72] HOSSICK-SCHOTT, JOACHIM, US  
[71] MEDTRONIC, INC., US  
[85] 2004-06-29  
[86] 2003-01-27 (PCT/US2003/002300)  
[87] 2003-08-07 (WO2003/064731)  
[30] US (10/058,437) 2002-01-28

[21] **2,472,156**  
[13] A1

[51] Int.Cl. 7A61B 5/00  
[25] EN  
[54] SYSTEM AND METHOD OF ASSESSMENT OF NEUROLOGICAL CONDITIONS USING EEG BISPECTRUM  
[54] SYSTEME ET PROCEDE D'EVALUATION D'ETATS NEUROLOGIQUES AU MOYEN DE BISPECTRE DE SIGNAUX ELECTROENCEPHALOGRAPHIQUES (EEG)  
[72] SMITH, CHARLES P., US  
[72] SIGL, JEFFREY C., US  
[72] DEVLIN, PHILIP H., US  
[72] GREENWALD, SCOTT D., US  
[71] ASPECT MEDICAL SYSTEMS, INC., US  
[85] 2004-06-29  
[86] 2003-01-06 (PCT/US2003/000292)  
[87] 2003-07-17 (WO2003/057029)  
[30] US (60/345,433) 2002-01-04

[21] **2,472,157**  
[13] A1

[51] Int.Cl. 7A61B 10/00  
[25] EN  
[54] SYSTEM AND METHOD FOR CAPTURING BODY TISSUE SAMPLES  
[54] SYSTEME ET PROCEDE DE PRELEVEMENT D'ECHANTILLONS DE TISSUS CORPORELS  
[72] GONZALEZ, HUGO X., US  
[71] SPIRATION, INC., US  
[85] 2004-06-29  
[86] 2003-01-02 (PCT/US2003/000131)  
[87] 2003-07-17 (WO2003/057043)  
[30] US (10/039,104) 2002-01-04

[21] **2,472,159**  
[13] A1

[51] Int.Cl. 7D21H 19/18 7D21H 17/60  
[25] EN  
[54] REPULPABLE WAX  
[54] CIRE POUVANT ETRE REMISE EN PATE  
[72] BORSINGER, GREGORY, US  
[72] HASSAN, ABBAS, US  
[72] HASSAN, AZIZ, US  
[71] MARCUS OIL AND CHEMICAL CORP., US  
[85] 2004-06-29  
[86] 2003-01-02 (PCT/US2003/000121)  
[87] 2003-07-17 (WO2003/057983)  
[30] US (60/345,915) 2002-01-04  
[30] US (10/137,689) 2002-05-03

[21] **2,472,160**  
[13] A1

[51] Int.Cl. 7A61K 31/517 7A61P 35/00  
7C07D 239/88  
[25] EN  
[54] QUINAZOLINONE COMPOUNDS IN COMBINED MODALITIES FOR IMPROVED CANCER TREATMENT  
[54] COMPOSES DE QUINAZOLINONE DANS DES FORMES COMBINEES POUR UN TRAITEMENT DE CANCER AMELIORE  
[72] VLODAVSKY, ISRAEL, IL  
[72] PINES, MARK, IL  
[72] NAGLER, ARNON, IL  
[72] YARKONI, SHAI, IL  
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL  
[71] COLLGARD BIOPHARMACEUTICALS LTD., IL  
[71] INSTITUTE OF ANIMAL SCIENCE, AGRICULTURAL RESEARCH ORG., IL  
[85] 2004-06-29  
[86] 2002-12-30 (PCT/IL2002/001055)  
[87] 2003-07-24 (WO2003/059355)  
[30] IL (147416) 2001-12-31

[21] **2,472,162**  
[13] A1

[51] Int.Cl. 7B65D 75/34 7A61J 7/04  
[25] EN  
[54] BLISTER PACKAGE WITH ELECTRONIC CONTENT MONITORING SYSTEM  
[54] EMBALLAGE ALVEOLE A SYSTEME ELECTRONIQUE DE CONTROLE DU CONTENU  
[72] WILSON, ALLAN, CA  
[72] PETERSEN, MICHAEL, CA  
[71] INTELLIGENT DEVICES INC., BB  
[85] 2004-06-29  
[86] 2002-12-30 (PCT/CA2002/002023)  
[87] 2003-07-10 (WO2003/055769)  
[30] CA (2,366,887) 2001-12-31

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**[21] 2,472,165**  
[13] A1

[51] Int.Cl. 7C07D 237/22 7A61P 35/00  
7C07D 403/12 7C07D 405/12 7C07D 409/  
12 7C07D 417/12 7A61K 31/501  
[25] EN  
[54] 3,4-DI-SUBSTITUTED  
PYRIDAZINEDIONES AS CXC  
CHEMOKINE RECEPTOR  
ANTAGONISTS  
[54] 3,4-DI-SUBSTITUTES  
PYRIDAZINEDIONES UTILISES EN  
TANT QU'ANTAGONISTES DU  
RECEPTEUR DE CHIMIOKINES CXC  
[72] LI, GE, CN  
[72] MERRITT, ROBERT J., US  
[72] BALDWIN, JOHN J., US  
[72] TAVERAS, ARTHUR G., US  
[72] DWYER, MICHAEL, US  
[72] CHAO, JIANPING, US  
[72] YU, YOUNGONG, US  
[72] CHAO, JIANHUA, US  
[71] SCHERING CORPORATION, US  
[71] PHARMACOPEIA, INC., US  
[85] 2004-06-25  
[86] 2003-01-03 (PCT/US2003/000299)  
[87] 2003-07-17 (WO2003/057676)  
[30] US (60/346,248) 2002-01-04  
[30] US (10/335,789) 2003-01-02

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**[21] 2,472,166**  
[13] A1

[51] Int.Cl. 7F16J 15/34 7F04D 29/10  
[25] EN  
[54] EXTERNALLY MOUNTABLE  
SPIRAL ADAPTOR  
[54] ADAPTATEUR EN SPIRALE  
POUVANT ETRE MONTE DE MANIERE  
EXTERNE  
[72] HUGHES, PAUL, CA  
[71] ENVIROSEAL ENGINEERING  
PRODUCTS, LTD., CA  
[85] 2004-06-29  
[86] 2002-12-24 (PCT/CA2002/002002)  
[87] 2003-07-10 (WO2003/056218)  
[30] CA (2,366,696) 2002-01-03

**[21] 2,472,168**  
[13] A1

[51] Int.Cl. 7A61K 31/415 7A61P 9/00  
7A61P 29/00 7A61P 35/00 7A61K 31/216  
7A61P 25/28  
[25] EN  
[54] COMBINATIONS OF  
PEROXISOME PROLIFERATOR-  
ACTIVATED RECEPTOR-ALPHA  
AGONISTS AND CYCLOOXYGENASE-  
2 SELECTIVE INHIBITORS AND  
THERAPEUTIC USES THEREFOR  
[54] COMBINAISONS D'AGONISTES  
DU RECEPTEUR ALPHA ACTIVATEUR  
DE LA PROLIFERATION DES  
PEROXISOMES ET D'INHIBITEURS  
SELECTIFS DE LA  
CYCLOOXYGENASE-2 ET LEURS  
UTILISATIONS THERAPEUTIQUES  
[72] OBUKOWICZ, MARK G., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-06-29  
[86] 2003-01-14 (PCT/US2003/000956)  
[87] 2003-07-24 (WO2003/059294)  
[30] US (60/348,297) 2002-01-14  
[30] US (10/341,217) 2003-01-13

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**[21] 2,472,170**  
[13] A1

[51] Int.Cl. 7A61K 48/00 7A61K 47/32  
7A61K 47/34  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS COMPRISING  
POLYANIONIC POLYMERS AND  
AMPHIPHILIC BLOCK COPOLYMERS  
AND METHODS OF USE THEREOF TO  
IMPROVE GENE EXPRESSION  
[54] COMPOSITIONS  
PHARMACEUTIQUES ET PROCEDES  
D'UTILISATION DE CES  
COMPOSITIONS COMPORTANT DES  
POLYMERES POLYANIONIQUES ET  
DES COPOLYMERES SEQUENCES  
AMPHIPHILES DESTINES A  
L'AMELIORATION D'UNE  
EXPRESSION GENIQUE  
[72] GOYTE, PHILIPPE, CA  
[72] LEMIEUX, PIERRE, CA  
[71] SUPRATEK PHARMA INC., CA  
[85] 2004-06-25  
[86] 2002-12-26 (PCT/IB2002/005614)  
[87] 2003-07-24 (WO2003/059382)  
[30] US (60/344,075) 2001-12-28  
[30] US (10/329,646) 2002-12-26

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**[21] 2,472,172**  
[13] A1

[51] Int.Cl. 7C07C 51/12 7C07C 69/01  
7C07C 67/04 7C08F 8/12 7C07C 69/14  
7C07C 67/48 7C07C 67/54 7C07C 51/56  
[25] EN  
[54] INTEGRATED PROCESS FOR  
PRODUCING CARBONYLATION  
ACETIC ACID, ACETIC ANHYDRIDE,  
OR COPRODUCTION OF EACH FROM  
A METHYL ACETATE BY-PRODUCT  
STREAM  
[54] PROCEDE INTEGRE  
PERMETTANT LA PRODUCTION  
D'ACIDE ACETIQUE, D'ANHYDRIDE  
ACETIQUE PAR CARBONYLATION,  
OU LEUR COPRODUCTION A PARTIR  
D'UN FLUX DE SOUS-PRODUIT  
D'ACETATE DE METHYLE  
[72] SCATES, MARK O., US  
[72] USREY, DUANE LYLE, US  
[72] WEBB, STEPHEN CHARLES, US  
[72] PICARD, WAYNE DAVID, US  
[71] CELANESE INTERNATIONAL  
CORPORATION, US  
[85] 2004-06-29  
[86] 2003-01-07 (PCT/US2003/000416)  
[87] 2003-07-24 (WO2003/059860)  
[30] US (60/347,532) 2002-01-11  
[30] US (10/324,648) 2002-12-19

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**[21] 2,472,174**  
[13] A1

[51] Int.Cl. 7B65G 27/20 7B06B 1/16  
7B65G 27/26  
[25] EN  
[54] EXCITER MASS ASSEMBLY FOR  
A VIBRATORY DEVICE  
[54] ENSEMBLE MASSE  
D'EXCITATION POUR DISPOSITIF  
VIBRATOIRE  
[72] KRAUS, RICHARD B., US  
[72] DAWSON, DAVID A., US  
[72] STEFFES, EDWARD JR., US  
[71] GENERAL KINEMATICS  
CORPORATION, US  
[85] 2004-06-29  
[86] 2002-11-15 (PCT/US2002/036948)  
[87] 2003-05-22 (WO2003/042076)  
[30] US (60/335,921) 2001-11-15

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**[21] 2,472,175**  
[13] A1

[51] Int.Cl. 7C08J 3/03 7C08F 259/08  
7C08L 27/18  
[25] EN  
[54] CONCENTRATED FLUOROPOLYMER DISPERSIONS  
[54] DISPERSIONS DE FLUOROPOLYMERES CONCENTREES  
[72] TREAT, THEODORE A., US  
[72] THOMAS, PHILIPPE ANDRE FERNAND, BE  
[72] LEVY, DANIEL N., CH  
[72] KONABE, KAZUO, JP  
[72] CAVANAUGH, ROBERT JOHN, US  
[72] JONES, CLAY WOODWARD, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-06-29  
[86] 2002-03-13 (PCT/US2002/009055)  
[87] 2003-07-24 (WO2003/059992)  
[30] US (60/345,300) 2002-01-04

**[21] 2,472,179**  
[13] A1

[51] Int.Cl. 7F01L 13/00  
[25] EN  
[54] DEVICE FOR VARIABLY ACTUATING THE GAS EXCHANGE VALVES IN RECIPROCATING ENGINES  
[54] DISPOSITIF PERMETTANT D'ACTIONNER DE MANIERE VARIABLE LES SOUPAPES DE CHANGEMENT DES GAZ DANS DES MOTEURS A PISTONS ALTERNATIFS  
[72] SCHON, HELMUT, AT  
[72] KUHN, PETER, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2004-06-29  
[86] 2002-12-19 (PCT/DE2002/004681)  
[87] 2003-07-17 (WO2003/058039)  
[30] DE (101 64 493.0) 2001-12-29

**[21] 2,472,182**  
[13] A1

[51] Int.Cl. 7B65H 45/28  
[25] EN  
[54] TRANSVERSE FOLDING APPARATUS  
[54] APPAREIL DE PLIAGE TRANSVERSAL  
[72] KRAUSERT, KENNETH A., US  
[72] JOHNSON, GARY E., US  
[72] WILSON, ROBERT W., US  
[71] PAPER CONVERTING MACHINE COMPANY, US  
[85] 2004-06-29  
[86] 2003-03-18 (PCT/US2003/008386)  
[87] 2003-10-16 (WO2003/084849)  
[30] US (10/115,518) 2002-04-03

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[13] A1

[51] Int.Cl. 7H04R 1/28 7H04R 25/00  
[25] EN  
[54] WIDEBAND LOW-NOISE IMPLANTABLE MICROPHONE ASSEMBLY  
[54] ENSEMBLE MICROPHONE LARGE BANDE FAIBLE BRUIT IMPLANTABLE  
[72] KUZMA, JANUSZ A., US  
[72] SOKOLICH, GARY W., US  
[71] ADVANCED BIONICS CORPORATION, US  
[85] 2004-06-29  
[86] 2002-12-20 (PCT/US2002/041346)  
[87] 2003-07-24 (WO2003/061335)  
[30] US (10/038,041) 2002-01-02

**[21] 2,472,181**  
[13] A1

[51] Int.Cl. 7B29C 59/02 7B29C 71/00  
7C08J 5/12  
[25] EN  
[54] SHAPED BODIES WITH SELF-CLEANING PROPERTIES AND METHOD FOR THE PRODUCTION OF SUCH SHAPED BODIES  
[54] CORPS MOULE AYANT DES PROPRIETES AUTONETTOYANTES ET PROCEDE DE REALISATION D'UN CORPS MOULE DE CE TYPE  
[72] OLES, MARKUS, DE  
[72] NUN, EDWIN, DE  
[71] CREALVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE  
[85] 2004-06-29  
[86] 2003-01-11 (PCT/EP2003/000201)  
[87] 2003-08-21 (WO2003/068486)  
[30] DE (102 05 783.4) 2002-02-13

**[21] 2,472,183**  
[13] A1

[51] Int.Cl. 7C11D 3/39  
[25] EN  
[54] LIQUID CLEANING COMPOSITIONS  
[54] COMPOSITIONS DE NETTOYAGE LIQUIDES  
[72] VAN DEN BERGH, CARLO JOHANNES, IT  
[72] SCHIAVINA, ANNALISA, IT  
[72] ASHCROFT, ALEXANDER THOMAS, GB  
[71] UNILEVER PLC, GB  
[85] 2004-06-29  
[86] 2003-01-31 (PCT/EP2003/000988)  
[87] 2003-09-04 (WO2003/072689)  
[30] EP (02251405.3) 2002-02-28

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[13] A1

[51] Int.Cl. 7C08K 3/18  
[25] EN  
[54] MAGNETICALLY DETECTABLE LATEX ARTICLES  
[54] ARTICLES EN LATEX DETECTABLES PAR VOIE MAGNETIQUE  
[72] LOO, LIONG YU, MY  
[72] BARCLAY, JAMES JR., US  
[72] LUCAS, DAVID MARK, US  
[72] LAI, HEE MENG, MY  
[72] WONG, SIAU WOON, MY  
[71] ANSELL HEALTHCARE PRODUCTS INC., US  
[85] 2004-06-29  
[86] 2003-01-14 (PCT/US2003/001098)  
[87] 2003-09-18 (WO2003/076476)  
[30] US (60/348,960) 2002-01-14

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[21] 2,472,185  
[13] A1

[51] Int.Cl. 7B32B 15/00 7C30B 29/22  
7H01L 39/24  
[25] EN  
[54] METAL STRIP FOR EPITAXIAL COATING AND METHOD FOR PRODUCTION THEREOF  
[54] BANDE DE METAL POUR REVETEMENTS EPITAXIAUX ET PROCEDE PERMETTANT DE LA PRODUIRE  
[72] KLOEWER, JUTTA, DE  
[72] VADLAMANI, SARMA, DE  
[72] DE BOER, BERND, DE  
[71] THYSSENKRUPP VDM GMBH, DE  
[71] LEIBNIZ-INSTITUT FUER FESTKOERPER- UND WERKSTOFFFORSCHUNG E.V., DE  
[85] 2004-06-29  
[86] 2002-12-15 (PCT/DE2002/004663)  
[87] 2003-07-24 (WO2003/060203)  
[30] DE (102 00 445.5) 2002-01-02

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[21] 2,472,187  
[13] A1

[51] Int.Cl. 7G01S 5/02 7H04B 7/185  
[25] EN  
[54] INDIVIDUALIZED, LOCATION SPECIFIC WEATHER FORECASTING SYSTEM  
[54] SYSTEME DE PREVISIONS METEOROLOGIQUES INDIVIDUALISEES ET SPECIFIQUES A UN EMPLACEMENT  
[72] SCHWOEGLER, BRUCE, US  
[71] MYSKY COMMUNICATIONS, INC., US  
[85] 2004-06-29  
[86] 2001-12-20 (PCT/US2001/050096)  
[87] 2002-07-11 (WO2002/054113)  
[30] US (09/752,347) 2000-12-29

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[21] 2,472,188  
[13] A1

[51] Int.Cl. 7A61K 9/00 7A61K 45/06  
7A61K 47/48  
[25] EN  
[54] POLYMERIC GEL SYSTEM FOR THE CONTROLLED DELIVERY OF CODRUGS  
[54] SYSTEME DE GEL POLYMERIQUE POUR ADMINISTRATION REGULEE DE MEDICAMENTS COMBINES  
[72] CHEN, JIANBING, US  
[72] ASHTON, PAUL, US  
[71] CONTROL DELIVERY SYSTEMS, INC., US  
[85] 2004-06-29  
[86] 2003-01-21 (PCT/US2003/001906)  
[87] 2003-07-31 (WO2003/061626)  
[30] US (60/349,241) 2002-01-18

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[21] 2,472,189  
[13] A1

[51] Int.Cl. 7C11D 3/39 7C11D 3/386  
[25] EN  
[54] BLEACH CATALYST ENHANCEMENT  
[54] AMELIORATION D'UN CATALYSEUR DE BLANCHIMENT  
[72] HAGE, RONALD, NL  
[72] KLUGKIST, JAN, NL  
[72] SWARTHOFF, TON, NL  
[71] UNILEVER PLC, GB  
[85] 2004-06-29  
[86] 2003-02-03 (PCT/EP2003/000989)  
[87] 2003-09-04 (WO2003/072690)  
[30] GB (0204822.1) 2002-02-28  
[30] GB (0212754.6) 2002-05-31

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[21] 2,472,191  
[13] A1

[51] Int.Cl. 7G02B 6/00  
[25] EN  
[54] ILLUMINATION DEVICE  
[54] DISPOSITIF D'ECLAIRAGE  
[72] REID, THOMAS J., US  
[72] UHL, GERALD L., US  
[72] GOZUM, JOHN E., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-29  
[86] 2002-12-11 (PCT/US2002/039608)  
[87] 2003-07-17 (WO2003/058301)  
[30] US (10/039,970) 2001-12-31

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[21] 2,472,192  
[13] A1

[51] Int.Cl. 7A47L 15/44 7B01F 15/04  
[25] EN  
[54] AUTOMATIC DETERGENT DISPENSING SYSTEM FOR A WAREWASHER  
[54] SYSTEME DE DISTRIBUTION AUTOMATIQUE POUR UN LAVE-VAISSELLE  
[72] UHEN, DAVID A., US  
[72] REICHOLD, KURT A., US  
[71] U.S. CHEMICAL CORPORATION, US  
[85] 2004-06-29  
[86] 2002-12-12 (PCT/US2002/039704)  
[87] 2003-07-24 (WO2003/059143)  
[30] US (10/040,512) 2002-01-08

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[21] 2,472,195  
[13] A1

[51] Int.Cl. 7G06K 19/04 7G06K 19/06  
[25] EN  
[54] SYSTEM AND METHOD OF READING A SECURITY CLEARANCE CARD  
[54] SYSTEME ET PROCEDE PERMETTANT DE LIRE UNE CARTE D'HABILITATION DE SECURITE  
[72] REGISTER, ARTHUR FREDERICK JR., US  
[72] CAMPER, FRANK J., US  
[71] DIGITAL DATA RESEARCH COMPANY, US  
[85] 2004-06-29  
[86] 2002-12-20 (PCT/US2002/041123)  
[87] 2003-07-17 (WO2003/058548)  
[30] US (60/344,658) 2001-12-31  
[30] US (60/361,458) 2002-03-04  
[30] US (60/365,068) 2002-03-14  
[30] US (10/272,464) 2002-10-16

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[21] 2,472,196  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] PHARMACEUTICAL COMPOUNDING INFORMATION MANAGEMENT SYSTEM  
[54] SYSTEME DE GESTION D'INFORMATIONS RELATIVES A LA FORMULATION PHARMACEUTIQUE  
[72] PIERCE, RICHARD F., US  
[72] DIGIANFILIPPO, ALEANDRO, US  
[71] B. BRAUN MEDICAL, INC., US  
[85] 2004-06-29  
[86] 2002-12-31 (PCT/US2002/041759)  
[87] 2003-07-17 (WO2003/058507)  
[30] US (60/344,869) 2001-12-31

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**[21] 2,472,197**  
[13] A1

[51] Int.Cl. 7A61B 6/00  
[25] EN  
[54] APPARATUS AND METHOD FOR SPECTROSCOPIC EXAMINATION OF THE COLON  
[54] APPAREIL ET PROCEDE D'EXAMEN SPECTROSCOPIQUE DU COLON  
[72] BELSON, AMIR, US  
[71] NEOGUIDE SYSTEMS, INC., US  
[85] 2004-06-30  
[86] 2002-12-20 (PCT/US2002/041340)  
[87] 2003-07-24 (WO2003/059150)  
[30] US (60/347,695) 2002-01-09

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**[21] 2,472,198**  
[13] A1

[51] Int.Cl. 7A61K 31/435 7A61L 31/16  
7A61L 27/54 7A61K 31/57  
[25] EN  
[54] DRUG DELIVERY SYSTEMS FOR THE PREVENTION AND TREATMENT OF VASCULAR DISEASES  
COMPRISING RAPAMYCIN AND DERIVATIVES THEREOF  
[54] SYSTEMES DE LIBERATION DE MEDICAMENT POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES VASCULAIRES, COMPRENANT DE LA RAPAMYCINE ET DES DERIVES DE CELLE-CI  
[72] SCHULER, WALTER, DE  
[72] PRESCOTT, MARGARET FORNEY, US  
[71] NOVARTIS AG, CH  
[85] 2004-06-30  
[86] 2003-01-09 (PCT/EP2003/000153)  
[87] 2003-07-17 (WO2003/057218)  
[30] US (60/347,264) 2002-01-10

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**[21] 2,472,199**  
[13] A1

[51] Int.Cl. 7A61K 31/425 7A61K 31/41  
7A61K 31/42  
[25] EN  
[54] TREATMENT INVOLVING PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR-GAMMA AGONIST AND CYCLOOXYGENASE-2 SELECTIVE INHIBITORS  
[54] COMPOSITIONS ET PROCEDES DE TRAITEMENT COMPRENANT DES AGONISTES GAMMA DU RECEPTEUR ACTIVE DU PROLIFERATEUR DU PEROXYSOME ET DES INHIBITEURS SELECTIFS DE LA CYCLOOXYGENASE 2.

[72] NEEDLEMAN, PHILIP, US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-06-29  
[86] 2003-01-14 (PCT/US2003/001099)  
[87] 2003-07-24 (WO2003/059271)  
[30] US (60/348,298) 2002-01-14  
[30] US (10/341,174) 2003-01-13

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**[21] 2,472,200**  
[13] A1

[51] Int.Cl. 7H04M 11/04 7H04M 3/30  
[25] EN  
[54] CONNECTION ARCHITECTURE FOR XDSL NETWORKS AND INTERMEDIATE DISTRIBUTION FRAME REQUIRED BY SAID ARCHITECTURE  
[54] ARCHITECTURE DE CONNEXION POUR RESEAUX XDSL ET REPARTITEUR INTERMEDIAIRE REQUIS POUR CETTE ARCHITECTURE  
[72] JORDE, JOSE MANUEL, ES  
[72] ARIAS, JUAN TOMAS, ES  
[71] TYCO ELECTRONICS RAYCHEM SA, ES  
[85] 2004-06-30  
[86] 2003-01-15 (PCT/GB2003/000193)  
[87] 2003-07-31 (WO2003/063460)  
[30] ES (200200130) 2002-01-22

**[21] 2,472,201**  
[13] A1

[51] Int.Cl. 7B65D 5/42  
[25] EN  
[54] PACKAGE WITH ADHESIVE HANGING MEANS  
[54] EMBALLAGE DOTE DE MOYENS DE SUSPENSION ADHESIFS  
[72] JOHANSSON, RONALD C., US  
[72] HAMERSKI, MICHAEL D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-29  
[86] 2003-01-08 (PCT/US2003/000448)  
[87] 2003-09-04 (WO2003/072443)  
[30] US (10/083,091) 2002-02-26

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**[21] 2,472,202**  
[13] A1

[51] Int.Cl. 7A01H 1/06 7A01G 7/00  
7A01H 4/00  
[25] EN  
[54] METHOD OF CONSTRUCTING CHIMERIC PLANT BY HEAVY ION BEAM IRRADIATION  
[54] PROCEDE DE CONSTRUCTION DE PLANTE CHIMERE AU MOYEN D'IRRADIATION PAR UN FAISCEAU D'IONS LOURDS  
[72] FUKUNISHI, NOBUHISA, JP  
[72] SUZUKI, KEN-ICHI, JP  
[72] YOSHIDA, SHIGEO, JP  
[72] ABE, TOMOKO, JP  
[72] YANO, YASUSHIGE, JP  
[71] RIKEN, JP  
[85] 2004-06-30  
[86] 2002-07-23 (PCT/JP2002/007417)  
[87] 2003-07-17 (WO2003/056905)  
[30] JP (2002-993) 2002-01-08

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**[21] 2,472,204**  
[13] A1

[51] Int.Cl. 7C07D 241/22 7A61P 29/00  
7C07D 403/04 7C07D 413/04 7A61P 11/06  
7C07D 401/12 7C07D 403/12 7C07D 405/  
12 7C07D 409/12 7C07D 413/12 7A61K 31/  
4965  
[25] EN  
[54] N-PYRAZINYL-  
PHENYLSULPHONAMIDES AND  
THEIR USE IN THE TREATMENT OF  
CHEMOKINE MEDIATED DISEASES  
[54] N-PYRAZINYL-  
PHENYLSULPHONAMIDES ET LEUR  
UTILISATION DANS LE TRAITEMENT  
DE MALADIES INDUITES PAR DES  
CHIMIOKINES  
[72] ROBERTS, BRYAN, GB  
[72] BAXTER, ANDREW, GB  
[72] STOCKS, MICHAEL, GB  
[72] JOHNSON, TIMOTHY, GB  
[72] KINDON, NICHOLAS, GB  
[71] ASTRAZENECA AB, SE  
[85] 2004-06-30  
[86] 2003-01-14 (PCT/SE2003/000041)  
[87] 2003-07-24 (WO2003/059893)  
[30] SE (0200119-6) 2002-01-16  
[30] SE (0201857-0) 2002-06-17

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**[21] 2,472,205**  
[13] A1

[51] Int.Cl. 7C07D 491/04 7C07D 209/00  
7C07D 317/00 7C07D 209/42  
[25] EN  
[54] INTERMEDIATES FOR  
PREPARING GLYCOGEN  
PHOSPHORYLASE INHIBITORS  
[54] PROCEDES ET INTERMEDIAIRES  
DESTINES A PREPARER DES  
INHIBITEURS DE PHOSPHORYLASE  
GLYCOGENE  
[72] ORRILL, SUSAN LEE, US  
[72] WITHBROE, GREGORY JOHN, US  
[72] COUTURIER, MICHEL ANDRE, US  
[72] BUSCH, FRANK ROBERT, US  
[72] BARRILA, MARK THOMAS, US  
[72] TICKNER, DEREK LAWRENCE, US  
[72] TOBIASSEN, HARRY ODD, US  
[72] ROSE, PETER ROBERT, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-06-30  
[86] 2003-01-06 (PCT/IB2003/000034)  
[87] 2003-07-24 (WO2003/059910)  
[30] US (60/349,647) 2002-01-18

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**[21] 2,472,207**  
[13] A1

[51] Int.Cl. 7A61B 17/08  
[25] EN  
[54] APPARATUS AND METHOD FOR  
ENDOSCOPIC COLECTOMY  
[54] APPAREIL ET PROCEDE POUR  
COLECTOMIE ENDOSCOPIQUE  
[72] BELSON, AMIR, US  
[71] NEOGUIDE SYSTEMS, INC., US  
[85] 2004-06-30  
[86] 2002-12-20 (PCT/US2002/041358)  
[87] 2003-07-24 (WO2003/059151)  
[30] US (60/347,674) 2002-01-09

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**[21] 2,472,209**  
[13] A1

[51] Int.Cl. 7C07D 209/08 7C07D 209/12  
7A61K 31/19 7C07D 213/20 7C07D 277/20  
7A61K 31/215 7C07D 213/30 7C07D 277/  
34 7A61K 31/427 7C07C 271/48 7C07C  
271/58 7C07C 235/60 7C07C 233/66  
7C07C 69/734 7C07C 217/76

[25] EN  
[54] PHENY(ALKYL)CARBOXYLIC  
ACID DERIVATIVES AND DIONIC  
PHENYLALKYLHETEROCLIC  
DERIVATIVES AND THEIR USE AS  
MEDICINES WITH SERUM GLUCOSE  
AND/OR SERUM LIPID LOWERING  
ACTIVITY

[54] DERIVES D'ACIDE  
PHENY(ALKYL)CARBOXYLIQUE ET  
DERIVES  
PHENYLALKYLHETEROCLIQUES  
DIONIQUES ET LEUR UTILISATION  
COMME MEDICAMENTS A ACTIVITE  
D'ABAISSEMENT DE NIVEAU DE  
GLUCOSE SERIQUE ET/OU LIPIDES  
SERIQUES

[72] TASSONI, EMANUELA, IT  
[72] DELL'UOMO, NATALINA, IT  
[72] BRUNETTI, TIZIANA, IT  
[72] TINTI, MARIA ORNELLA, IT  
[72] ARDUINI, ARDUINO, IT  
[72] GIANNESCI, FABIO, IT  
[72] PEZZOTTO, POMPEO, IT  
[71] SIGMA-TAU INDUSTRIE  
FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2004-06-29  
[86] 2003-01-13 (PCT/IT2003/000007)  
[87] 2003-07-24 (WO2003/059864)  
[30] IT (RM2002A000016) 2002-01-15

**[21] 2,472,210**  
[13] A1

[51] Int.Cl. 7C21C 5/52 7C21C 5/46  
[25] EN  
[54] METHOD FOR THE  
PYROMETALLURGICAL  
TREATMENT OF METALS, METAL  
MELTS AND/OR SLAGS AND  
INJECTION DEVICE  
[54] PROCEDE POUR LE  
TRAITEMENT  
PYROMETALLURGIQUE DE METAUX,  
DE BAINS DE FUSION ET/OU DE  
SCORIES ET DISPOSITIF  
D'INJECTION  
[72] SCHOLZ, REINHARD, DE  
[72] MEYN, MATTHIAS, DE  
[72] MONHEIM, PETER, DE  
[71] SMS DEMAG  
AKTIENGESELLSCHAFT, DE  
[85] 2004-06-30  
[86] 2003-01-13 (PCT/EP2003/000237)  
[87] 2003-07-24 (WO2003/060169)  
[30] DE (102 01 108.7) 2002-01-15

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**[21] 2,472,211**  
[13] A1

[51] Int.Cl. 7B01D 21/02  
[25] EN  
[54] SIMPLIFIED LAMELLAR  
CLARIFIER, AND METHOD FOR  
CLEANING SAME  
[54] DECANTEUR LAMELLAIRE  
SIMPLIFIE, ET PROCEDE DE  
NETTOYAGE DE CE DECANTEUR  
[72] BOULANT, ALAIN, FR  
[71] INNOVA ENVIRONNEMENT, FR  
[85] 2004-06-29  
[86] 2003-01-08 (PCT/FR2003/000036)  
[87] 2003-09-25 (WO2003/078019)  
[30] FR (02/00156) 2002-01-08

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**[21] 2,472,213**  
[13] A1

[51] Int.Cl. 7A61M 29/00  
[25] EN  
[54] NASAL DEVICES INCLUDING DILATION AND USER COMMUNICATION AND METHODS OF USING SAME  
[54] DISPOSITIFS POUR LE NEZ PERMETTANT LA DILATATION D'UN TISSU ET L'ETABLISSEMENT D'UNE COMMUNICATION AVEC L'UTILISATEUR, ET PROCEDES D'UTILISATION DESDITS DISPOSITIFS  
[72] FENTON, GUSTAV R., US  
[71] CNS, INC., US  
[85] 2004-06-30  
[86] 2002-12-27 (PCT/US2002/041505)  
[87] 2003-07-17 (WO2003/057304)  
[30] US (60/346,071) 2001-12-31

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**[21] 2,472,218**  
[13] A1

[51] Int.Cl. 7A61N 1/05 7A61N 1/375  
[25] EN  
[54] MEDICAL LEAD AND LEAD CONNECTOR SYSTEM  
[54] FIL MEDICAL ET SYSTEME DE CONNEXION DE FIL  
[72] SOMMER, JOHN L., US  
[72] SCHRODER, HARRY, US  
[72] RIES, ANDREW J., US  
[72] HONECK, JORDON D., US  
[72] BJORKLUND, VICKI L., US  
[72] HOLLEMAN, TIMOTHY W., US  
[72] STREIN, PAUL M., US  
[71] MEDTRONIC, INC., US  
[85] 2004-06-30  
[86] 2002-12-18 (PCT/US2002/040454)  
[87] 2003-07-24 (WO2003/059439)  
[30] US (10/040,143) 2002-01-03

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**[21] 2,472,219**  
[13] A1

[51] Int.Cl. 7G03B 42/00  
[25] EN  
[54] PROTOTILE MOTIF FOR ANTI-SCATTER GRIDS  
[54] MOTIF DE PAVE PRIMITIF POUR GRILLES ANTI-DIFFUSION  
[72] DAVIS, JAMES E., US  
[71] DIRECT RADIOGRAPHY CORP., US  
[85] 2004-06-29  
[86] 2003-02-13 (PCT/US2003/004393)  
[87] 2003-08-28 (WO2003/071838)  
[30] US (10/079,303) 2002-02-19

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**[21] 2,472,220**  
[13] A1

[51] Int.Cl. 7A61B 5/05 7G06T 11/00  
7G01N 27/02  
[25] EN  
[54] ELECTRICAL IMPEDANCE TOMOGRAPHY  
[54] TOMOGRAPHIE D'IMPEDANCE ELECTRIQUE  
[72] YIN, WULIANG, GB  
[72] WANG, MI, GB  
[71] UNIVERSITY OF LEEDS, GB  
[85] 2004-06-29  
[86] 2001-12-28 (PCT/GB2001/005636)  
[87] 2002-07-11 (WO2002/053029)  
[30] GB (0031854.3) 2000-12-30  
[30] GB (0120772.9) 2001-08-25

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**[21] 2,472,221**  
[13] A1

[51] Int.Cl. 7B65D 47/08 7B65D 47/10  
[25] EN  
[54] METHOD FOR PROVIDING A HINGED GUARANTEE CLOSURE, A HINGED GUARANTEE CLOSURE AND CONTAINER WITH A HINGED GUARANTEE CLOSURE  
[54] PROCEDE DE PRODUCTION D'UNE FERMETURE DE SECURITE A CHARNIERES, FERMETURE DE SECURITE A CHARNIERES ET RECEPTEACLE POURVU D'UNE FERMETURE DE SECURITE A CHARNIERES  
[72] MYHRE, SVEIN, NO  
[71] MYHRE, SVEIN, NO  
[85] 2004-06-30  
[86] 2003-01-17 (PCT/NO2003/000015)  
[87] 2003-07-24 (WO2003/059772)  
[30] NO (20020277) 2002-01-18

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**[21] 2,472,222**  
[13] A1

[51] Int.Cl. 7A47C 7/02  
[25] EN  
[54] CELLULAR CHAIR CONSTRUCTION  
[54] CONSTRUCTION DE CHAISE CELLULAIRE  
[72] CARUSO, STEVEN JEROME, US  
[72] CARUSO, JEROME CARMEL, US  
[71] HERMAN MILLER, INC., US  
[85] 2004-06-25  
[86] 2002-01-03 (PCT/US2002/000024)  
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[13] A1

[51] Int.Cl. 7C07C 323/52 7C07D 209/08  
7A61P 9/10 7A61K 31/19 7A61K 31/215  
7C07D 307/68 7C07C 69/712 7C07D 209/86  
[25] EN  
[54] DERIVATIVES OF .ALPHA.-PHENYLTHIOCARBOXYLIC AND .ALPHA.-PHENYLOXY-CARBOXYLIC ACIDS USEFUL FOR THE TREATMENT OF DISEASES RESPONDING TO PPAR.ALPHA. ACTIVATION  
[54] DERIVES D'ACIDES \$G(A)-PHENYLTHIOCARBOXYLIQUE ET \$G(A)-PHENYLOXY-CARBOXYLIQUE CONVENANT BIEN POUR LE TRAITEMENT DE MALADIES REPONDANT A UNE ACTIVATION DE PPAR\$G(A)  
[72] TASSONI, EMANUELA, IT  
[72] TINTI, MARIA ORNELLA, IT  
[72] SCIARRONI, ANNA, FLORIANA, IT  
[72] DELL'UOMO, NATALINA, IT  
[72] ARDUINI, ARDUINO, IT  
[72] PESSOTTO, POMPEO, IT  
[72] BANDERA, MONICA, IT  
[72] GIANNESI, FABIO, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2004-06-30  
[86] 2003-01-15 (PCT/IT2003/000011)  
[87] 2003-07-24 (WO2003/059875)  
[30] IT (RM02A000014) 2002-01-15

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[13] A1

[51] Int.Cl. 7E04C 1/39 7B28B 7/00  
[25] EN  
[54] MASONRY BLOCK AND METHOD OF MAKING SAME  
[54] BLOC DE MACONNERIE ET SON PROCEDE DE FABRICATION  
[72] SCHERER, RONALD J., US  
[72] LACROIX, DAVID MATTHEW, US  
[72] BOLLES, GLENN CLARKE, US  
[71] ANCHOR WALL SYSTEMS, INC., US  
[85] 2004-06-30  
[86] 2002-12-27 (PCT/US2002/041543)  
[87] 2003-07-24 (WO2003/060251)  
[30] US (10/038,639) 2002-01-04

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[13] A1

[51] Int.Cl. 7E21B 33/14  
[25] EN  
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[54] TETE DE PUITS SOUS-MARINE A ORIFICES  
[72] BUCKLE, KEVIN G., GB  
[72] MASSIE, ALFRED, GB  
[72] OSBORNE, JOHN H., GB  
[72] HUMPREY, BERNARD, GB  
[72] CLARK, ALAN MURRAY, GB  
[71] ABB VETCO GRAY INC., US  
[85] 2004-06-30  
[86] 2002-12-13 (PCT/US2002/039832)  
[87] 2003-07-24 (WO2003/060279)  
[30] US (10/037,532) 2002-01-04

[21] 2,472,226  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] SYSTEMS AND METHODS FOR MEDICATION MONITORING  
[54] SYSTEMES ET PROCEDES DE SURVEILLANCE DE MEDICATION  
[72] VRIJENS, BERNARD, BE  
[72] URQUHART, JOHN, US  
[72] DE KLERK, ERIK, NL  
[72] METRY, JEAN-MICHEL, CH  
[71] HEXALOG SA, CH  
[85] 2004-06-30  
[86] 2003-01-13 (PCT/US2003/001201)  
[87] 2003-07-24 (WO2003/060808)  
[30] US (60/348,578) 2002-01-11

[21] 2,472,233  
[13] A1

[51] Int.Cl. 7G01N 33/58 7B82B 1/00  
7G01N 33/50 7G01N 33/68  
[25] EN  
[54] PROCESS FOR PRODUCING LABELED NUCLEIC ACID OR PROTEIN  
[54] PROCEDE POUR PRODUIRE UN ACIDE NUCLEIQUE MARQUE OU UNE PROTEINE MARQUEE  
[72] OONO, KIYOHARU, JP  
[72] TAKAIWA, FUMIO, JP  
[72] KOMATSU, SETSUKO, JP  
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP  
[85] 2004-06-29  
[86] 2002-12-10 (PCT/JP2002/012917)  
[87] 2004-05-13 (WO2004/040315)  
[30] JP (2002-314658) 2002-10-29

[21] 2,472,236  
[13] A1

[51] Int.Cl. 7F02B 31/00  
[25] EN  
[54] WING STRUCTURE OF AIR SWIRLING DEVICE FOR INTERNAL COMBUSTION ENGINE  
[54] STRUCTURE D'AILE POUR UN DISPOSITIF A TURBULENCE D'AIR DESTINE A UN MOTEUR A COMBUSTION INTERNE  
[72] KIM, SEI-YOUNG, KR  
[71] KIM, SEI-YOUNG, KR  
[85] 2004-06-29  
[86] 2003-01-22 (PCT/KR2003/000133)  
[87] 2003-08-07 (WO2003/064832)  
[30] KR (20-2002-0002634) 2002-01-28

[21] 2,472,237  
[13] A1

[51] Int.Cl. 7A61K 9/16  
[25] EN  
[54] MULTI-STAGE ORAL DRUG CONTROLLED-RELEASE SYSTEM  
[54] SYSTEME DE LIBERATION CONTROLEE D'UN MEDICAMENT ORAL A ETAPES MULTIPLES  
[72] KIM, JUNG JU, KR  
[72] PARK, JIN WOO, KR  
[72] BAE, JOON HO, KR  
[71] PACIFIC CORPORATION, KR  
[85] 2004-06-30  
[86] 2003-01-29 (PCT/KR2003/000200)  
[87] 2003-08-07 (WO2003/063834)  
[30] KR (10-2002-0005858) 2002-02-01

[21] 2,472,238  
[13] A1

[51] Int.Cl. 7A61K 31/4172 7A61P 7/02  
7C07D 403/12 7A61K 31/4174 7A61K 31/4178 7C07D 233/54  
[25] EN  
[54] 3-(IMIDAZOLYL)-2-ALKOXYPROPANOIC ACIDS AS TAFIA INHIBITORS  
[54] ACIDES 3-(IMIDAZOLYL)-2-ALKOXYPROPANOIQUES SERVANT D'INHIBITEURS TAFIA  
[72] BULL, DAVID JOHN, GB  
[72] ALLERTON, CHARLOTTE MOIRA NORFOR, GB  
[72] STEELE, JOHN, GB  
[72] BUNNAGE, MARK EDWARD, GB  
[72] MAGUIRE, ROBERT JOHN, GB  
[71] PFIZER INC., US  
[85] 2004-06-30  
[86] 2003-01-10 (PCT/IB2003/000060)  
[87] 2003-07-31 (WO2003/061652)  
[30] GB (0201389.4) 2002-01-22  
[30] GB (0202027.9) 2002-01-29

[21] 2,472,239  
[13] A1

[51] Int.Cl. 7A61K 31/4178 7A61P 7/02  
7C07D 401/06 7C07D 403/06  
[25] EN  
[54] 3-(IMIDAZOLYL)-2-AMINOPROPANOIC ACIDS FOR USE AS TAFI-A INHIBITORS FOR THE TREATMENT OF THROMBOTIC DISEASES  
[54] ACIDES 3-(IMIDAZOLYL)-2-AMINOPROPANOIQUES SERVANT D'INHIBITEURS TAFIA POUR TRAITER DES MALADIES THROMBOTIQUES  
[72] ALLERTON, CHARLOTTE MOIRA NORFOR, GB  
[72] BUNNAGE, MARK EDWARD, GB  
[72] STEELE, JOHN, GB  
[71] PFIZER INC., US  
[85] 2004-06-30  
[86] 2003-01-13 (PCT/IB2003/000058)  
[87] 2003-07-31 (WO2003/061653)  
[30] GB (0201387.8) 2002-01-22  
[30] GB (0201911.5) 2002-01-28

[21] 2,472,240  
[13] A1

[51] Int.Cl. 7A61K 31/57 7A61P 15/00  
7A61P 15/12  
[25] EN  
[54] TIBOLONE IN THE TREATMENT OF COMPLAINTS ASSOCIATED WITH THE ADMINISTRATION OF DRUGS WHICH PREVENT THE SYNTHESIS OF ENDOGENOUS ESTROGEN  
[54] TIBOLONE UTILISE DANS LE TRAITEMENT D'AFFECTIONS ASSOCIEES A L'ADMINISTRATION DE MEDICAMENTS QUI EMPECHENT LA SYNTHESE D'OESTROGENE ENDOGENE  
[72] BUNDRED, NIGEL, GB  
[72] KLOOSTERBOER, HELENUS JAN, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2004-06-30  
[86] 2003-01-16 (PCT/EP2003/000373)  
[87] 2003-07-31 (WO2003/061665)  
[30] EP (02075235.8) 2002-01-22

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[13] A1

[51] Int.Cl. 7A61K 9/52  
[25] EN  
[54] CYCLOSPORIN-CONTAINING SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION  
[54] COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE CONTENANT DE LA CYCLOSPORINE  
[72] YANG, JEONG HWA, KR  
[72] KIM, JUNG JU, KR  
[72] PARK, HAM YONG, KR  
[72] LIM, DONG WOO, KR  
[71] PACIFIC CORPORATION, KR  
[85] 2004-06-30  
[86] 2003-01-22 (PCT/KR2003/000138)  
[87] 2003-08-07 (WO2003/063841)  
[30] KR (2002/5856) 2002-02-01

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**[21] 2,472,243**  
[13] A1

[51] Int.Cl. 7H04L 1/06  
[25] EN  
[54] HIGH RATE TRANSMIT DIVERSITY TRANSMISSION AND RECEPTION  
[54] EMISSION ET RECEPTION A DIVERSITE D'EMISSION HAUT DEBIT  
[72] TIRKKONEN, OLAV, FI  
[72] HOTTINEN, ARI, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-06-30  
[86] 2003-01-03 (PCT/FI2003/000004)  
[87] 2003-07-10 (WO2003/056742)  
[30] US (60/346,482) 2002-01-04

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**[21] 2,472,244**  
[13] A1

[51] Int.Cl. 7H04N 5/91  
[25] EN  
[54] TRICK MODES FOR COMPRESSED VIDEO STREAMS  
[54] MODES EXPLORATION POUR FLUX VIDEO COMPRESSES  
[72] CHAN, PETER, US  
[72] NAIR, AJITH N., US  
[72] NALLUR, RAMESH, US  
[72] RODRIGUEZ, ARTURO A., US  
[72] HOPPER, JEFFREY C., US  
[71] SCIENTIFIC-ATLANTA, INC., US  
[85] 2004-06-30  
[86] 2002-12-20 (PCT/US2002/040828)  
[87] 2003-07-17 (WO2003/058955)  
[30] US (10/038,943) 2001-12-31

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**[21] 2,472,245**  
[13] A1

[51] Int.Cl. 7B01J 37/00 7B01J 37/16  
[25] EN  
[54] FISCHER-TROPSCH SUPPORTED CATALYST ACTIVATION  
[54] ACTIVATION D'UN CATALYSEUR SUPPORTE FISCHER-TROPSCH  
[72] CLARK, JANET RENEE, US  
[72] KOEAL, RUSSELL JOHN, US  
[72] DAAGE, MICHEL, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-06-30  
[86] 2003-01-03 (PCT/US2003/000191)  
[87] 2003-08-21 (WO2003/068396)  
[30] US (10/059,918) 2002-01-29

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**[21] 2,472,246**  
[13] A1

[51] Int.Cl. 7C13D 3/14 7C13K 13/00  
[25] EN  
[54] METHOD FOR THE RECOVERY OF SUGARS  
[54] PROCEDE DE RECUPERATION DE SUCRES  
[72] NURMI, JUHA, FI  
[72] HEIKKILAE, HEIKKI, FI  
[72] KAIRA, MIKKA, FI  
[72] RAVANKO, VILI, US  
[72] ENNELIN, ANU, FI  
[72] JUMPPANEN, JUHO, GB  
[71] DANISCO SWEETENERS OY, FI  
[85] 2004-06-30  
[86] 2002-12-30 (PCT/FI2002/001059)  
[87] 2003-07-10 (WO2003/056038)  
[30] FI (20012605) 2001-12-31

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**[21] 2,472,247**  
[13] A1

[51] Int.Cl. 7G05D 19/02 7B63H 21/30  
[25] EN  
[54] DAMPING OF VIBRATIONS  
[54] AMORTISSEMENT DE VIBRATIONS  
[72] EMERY, PHILIP ANTHONY, GB  
[72] PEARSON, JOHN BARRINGTON, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2004-06-30  
[86] 2003-01-24 (PCT/GB2003/000277)  
[87] 2003-08-07 (WO2003/065142)  
[30] GB (0202348.9) 2002-02-01

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**[21] 2,472,248**  
[13] A1

[51] Int.Cl. 7B61K 3/00  
[25] EN  
[54] RAILROAD RAIL LUBRICATING APPARATUS  
[54] DISTRIBUTEUR DE GRAISSE POUR RAIL DE VOIE CHEMIN DE FER  
[72] DICARLO, LEONARD J., US  
[71] LINCOLN INDUSTRIAL CORPORATION, US  
[85] 2004-06-29  
[86] 2003-01-27 (PCT/US2003/002308)  
[87] 2003-08-07 (WO2003/064233)  
[30] US (10/059,718) 2002-01-29

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**[21] 2,472,249**  
[13] A1

[51] Int.Cl. 7A61K 47/18 7A61K 38/05  
7A61K 38/06  
[25] EN  
[54] PHARMACEUTICAL COMPOSITIONS FOR HEPATITIS C VIRAL PROTEASE INHIBITORS  
[54] COMPOSITIONS PHARMACEUTIQUES POUR INHIBITEURS DE PROTEASE VIRALE DE L'HEPATITE C  
[72] CHEN, SHIRLYNN, US  
[72] MEI, XIAOHUI, US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 2004-06-30  
[86] 2003-02-05 (PCT/US2003/003380)  
[87] 2003-08-14 (WO2003/066103)  
[30] US (60/355,694) 2002-02-07

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[13] A1

[51] Int.Cl. 7B63B 39/06  
[25] EN  
[54] WATERCRAFT  
[54] NAVIRE  
[72] CLAUGHTON, ANDREW, GB  
[72] CLARKE, REGINALD, GB  
[72] CHESNEY, JOHN, GB  
[71] COMPASS MARINE DEVELOPMENTS LIMITED, GB  
[85] 2004-06-30  
[86] 2003-01-29 (PCT/GB2003/000373)  
[87] 2003-08-07 (WO2003/064247)  
[30] GB (0202142.6) 2002-01-30

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[13] A1

[51] Int.Cl. 7F16D 3/78  
[25] EN  
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**PIECES D'ACCOUPLEMENT FLEXIBLES**  
[72] BYERLY, DUANE V., US  
[72] OLSON, STEWART A., US  
[71] REXNORD CORPORATION, US  
[85] 2004-06-30  
[86] 2003-01-01 (PCT/IB2003/000007)  
[87] 2003-07-10 (WO2003/056199)  
[30] US (10/033,794) 2002-01-03  
[30] GB (0207565.3) 2002-04-02

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[21] 2,472,254  
[13] A1

[51] Int.Cl. 7A61K 7/48  
[25] EN  
**TOPICAL SKIN AND/OR HAIR COMPOSITIONS CONTAINING AN HYDROLYSED PROTEIN**  
**COMPOSITIONS CONTENANT UNE PROTEINE HYDROLYSEE POUR SOINS TOPIQUES DE LA PEAU ET/OU DES CHEVEUX**  
[72] PHILLIPS, JENNIFER ELIZABETH, US  
[72] RESCH, BRADLEY STEVEN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-07-02  
[86] 2002-12-20 (PCT/US2002/041139)  
[87] 2003-08-07 (WO2003/063816)  
[30] US (10/061,039) 2002-01-30

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[21] 2,472,257  
[13] A1

[51] Int.Cl. 7A61N 1/05  
[25] EN  
**METHOD AND APPARATUS FOR SHIELDING AGAINST MRI DISTURBANCES**  
**PROCEDE ET APPAREIL DE BLINDAGE DE REVETEMENT POUR SYSTEMES A ELECTRODES RESISTANT A L'IRM**  
[72] ZEIJEMAKER, VOLKERT A., NL  
[71] MEDTRONIC, INC., US  
[85] 2004-07-02  
[86] 2003-01-27 (PCT/US2003/002259)  
[87] 2003-08-07 (WO2003/063952)  
[30] US (10/059,509) 2002-01-29

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[21] 2,472,258  
[13] A1

[51] Int.Cl. 7F02M 31/04 7F02B 51/00  
**7F02M 23/12 7F02M 31/12**  
[25] EN  
**FUEL SUPPLY SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**  
**SYSTEME D'ALIMENTATION EN CARBURANT DESTINE A UN MOTEUR A COMBUSTION INTERNE**  
[72] GLEW, WAYNE, K., AU  
[71] GLEW, WAYNE, K., AU  
[85] 2004-07-02  
[86] 2003-01-03 (PCT/AU2003/000005)  
[87] 2003-07-10 (WO2003/056165)  
[30] AU (PR 9832) 2002-01-04

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[21] 2,472,259  
[13] A1

[51] Int.Cl. 7H02K 41/00 7H02K 7/09  
[25] EN  
**BEARING SURFACE LAYER FOR MAGNETIC MOTOR**  
**COUCHE DE SURFACE PORTANTE POUR MOTEUR MAGNETIQUE**  
[72] ELLARD, JAMES CARL, US  
[72] LINDBERG, PAUL M., US  
[72] HOLLINGSWORTH, PHILIP G., US  
[72] WEDMAN, LEONARD N., US  
[71] CALIFORNIA LINEAR DEVICES, INC., US  
[85] 2004-06-30  
[86] 2002-01-25 (PCT/US2002/002300)  
[87] 2003-08-07 (WO2003/065554)

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[21] 2,472,263  
[13] A1

[51] Int.Cl. 7B01J 38/12 7B01J 38/08  
**7B01J 20/34**  
[25] EN  
**SUPPORTED CATALYST TREATMENT**  
**TRAITEMENT DE CATALYSEURS SUPPORTES**  
[72] KOEAL, RUSSELL JOHN, US  
[72] DAAGE, MICHEL, US  
[72] CLARK, JANET RENEE, US  
[72] MARLER, DAVID OWEN, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-06-30  
[86] 2002-12-27 (PCT/US2002/041513)  
[87] 2003-08-07 (WO2003/064040)  
[30] US (10/059,928) 2002-01-29

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[21] 2,472,264  
[13] A1

[51] Int.Cl. 7A61N 1/05  
[25] EN  
**CONDITIONING OF COUPLED ELECTROMAGNETIC SIGNALS ON A LEAD**  
**CONDITIONNEMENT DE SIGNAUX ELECTROMAGNETIQUES COUPLES SUR UNE DERIVATION**  
[72] VILLASECA, EDUARDO H., US  
[72] DUBLIN, GARRY L., US  
[72] HAUBRICH, GREGORY J., US  
[71] MEDTRONIC, INC., US  
[85] 2004-07-02  
[86] 2003-01-27 (PCT/US2003/002435)  
[87] 2003-08-07 (WO2003/063954)  
[30] US (10/059,598) 2002-01-29  
[30] US (10/136,798) 2002-04-30

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[21] 2,472,267  
[13] A1

[51] Int.Cl. 7A61K 7/32  
[25] EN  
**ANTIPERSPIRANT COMPOSITIONS CONTAINING PETROLATUM**  
**COMPOSITIONS ANTITRANSPIRATION CONTENANT DU PETROLATUM**  
[72] SCAVONE, TIMOTHY ALAN, US  
[72] CASSIERE, KELLY LYNN, US  
[72] ERTEL, KEITH DAVID, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-07-02  
[86] 2003-01-17 (PCT/US2003/001644)  
[87] 2003-08-07 (WO2003/063813)  
[30] US (10/057,182) 2002-01-25

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[21] 2,472,268  
[13] A1

[51] Int.Cl. 7G06F 12/14 7H04L 9/00  
[25] EN  
**AUTOMATED COMPUTER VULNERABILITY RESOLUTION SYSTEM**  
**SYSTEME AUTOMATIQUE DE RESOLUTION DE DEFAILLANCE INFORMATIQUE**  
[72] BANZHOF, CARL E., US  
[71] CITADEL SECURITY SOFTWARE INC., US  
[85] 2004-06-30  
[86] 2002-12-31 (PCT/US2002/041819)  
[87] 2003-07-17 (WO2003/058457)  
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[13] A1

[51] Int.Cl. 7H01J 49/16  
[25] EN  
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[54] ACQUISITION SIMULTANEE D'INFORMATIONS CHIMIQUES  
[72] HIEFTJE, GARY M., US  
[72] RAY, STEVEN J., US  
[71] ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC., US  
[85] 2004-06-30  
[86] 2003-01-02 (PCT/US2003/000072)  
[87] 2003-07-17 (WO2003/058204)  
[30] US (60/345,634) 2002-01-03

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**[21] 2,472,293**  
[13] A1

[51] Int.Cl. 7A61K 31/517 7A61P 11/00  
7A61P 29/00 7A61P 1/04 7A61K 39/395  
7A61K 31/519 7A61K 31/7088  
[25] EN  
[54] USE OF TYROSINE KINASE INHIBITORS FOR THE TREATMENT OF INFLAMMATORY PROCESSES  
[54] UTILISATION D'INHIBITEURS DE TYROSINE KINASE POUR TRAITER DES PROCESSUS INFLAMMATOIRES  
[72] JUNG, BIRGIT, DE  
[72] PUESCHNER, HUBERT, DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
[85] 2004-07-02  
[86] 2003-01-28 (PCT/EP2003/000814)  
[87] 2003-08-14 (WO2003/066060)  
[30] DE (102 04 462.7) 2002-02-05

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**[21] 2,472,300**  
[13] A1

[51] Int.Cl. 7E04F 13/02 7E04G 23/02  
[25] EN  
[54] EXTERIOR WALL RESTORATION SYSTEM AND CONSTRUCTION METHOD  
[54] SYSTEME DE RESTAURATION DE MUR EXTERIEUR ET PROCEDE DE CONSTRUCTION  
[72] PECK, DICK, US  
[71] STUCCO RESTORATION SYSTEMS, INC., US  
[85] 2004-07-05  
[86] 2002-12-10 (PCT/US2002/039550)  
[87] 2003-07-24 (WO2003/060255)  
[30] US (10/038,300) 2002-01-04

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**[21] 2,472,302**  
[13] A1

[51] Int.Cl. 7B60K 41/26 7B60K 41/28  
[25] EN  
[54] IMPROVED PARK POSITION LOCKING SYSTEM FOR AUTOMATIC TRANSMISSION SHIFTER  
[54] SYSTEME AMELIORE DE VERROUILLAGE DE LA POSITION DE PARC DU LEVIER DE LA TRANSMISSION AUTOMATIQUE  
[72] LINDSEY, AARON D., US  
[72] DOWNES, TREVOR T., US  
[72] FLEMING, WILLIAM R., US  
[72] LAHR, JEREMY A., US  
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
[85] 2004-06-30  
[86] 2003-01-22 (PCT/US2003/001897)  
[87] 2003-08-07 (WO2003/064886)  
[30] US (10/060,598) 2002-01-30

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[13] A1

[51] Int.Cl. 7C10M 169/04 7C10M 101/02  
7C10M 107/02 7C10M 129/06 7C10M 133/  
56 7C10M 129/76  
[25] EN  
[54] LUBRICATING OIL COMPOSITIONS WITH IMPROVED FRICTION PROPERTIES  
[54] COMPOSITIONS D'HUILES LUBRIFIANTES AUX PROPRIETES DE FRICTION AMELIOREES  
[72] DECKMAN, DOUGLAS EDWARD, US  
[72] MAXWELL, WILLIAM L., US  
[72] BUCK, WILLIAM H., US  
[72] BAILLARGEON, DAVID J., US  
[72] WINEMILLER, MARK D., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-06-30  
[86] 2003-01-31 (PCT/US2003/002938)  
[87] 2003-08-07 (WO2003/064573)  
[30] US (60/353,738) 2002-01-31  
[30] US (10/354,595) 2003-01-30

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[13] A1

[51] Int.Cl. 7G06K 5/00  
[25] EN  
[54] POINT-OF-SALE ACTIVATION AND SUBSEQUENT REGISTRATION OF PRODUCTS  
[54] ACTIVATION DE POINTS DE VENTE ET ENREGISTREMENT CONSECUTIF DE PRODUITS  
[72] FIALA, BARRY J., US  
[72] HODES, MARK B., US  
[71] RIVERBORNE COMMUNICATIONS, LLC, US  
[85] 2004-07-05  
[86] 2002-01-08 (PCT/US2002/000934)  
[87] 2003-07-24 (WO2003/060815)

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[13] A1

[51] Int.Cl. 7C10M 159/20 7C10M 159/22  
7C10M 159/24  
[25] EN  
[54] MIXED TBN DETERGENTS ADDITIVE COMPOSITION FOR LUBRICATING OILS  
[54] COMPOSITION D'ADDITIFS DETERGENTS A INDICES DE BASICITE MELANGES POUR HUILES LUBRIFIANTES  
[72] WINEMILLER, MARK D., US  
[72] DECKMAN, DOUGLAS EDWARD, US  
[72] MAXWELL, WILLIAM L., US  
[72] BUCK, WILLIAM H., US  
[72] BAILLARGEON, DAVID J., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-06-30  
[86] 2003-01-31 (PCT/US2003/002993)  
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[30] US (10/353,170) 2003-01-28

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[13] A1

[51] Int.Cl. 7G08G 5/04 7G01S 13/74  
7G01S 13/76 7G01S 13/78 7G01S 13/93  
[25] EN  
[54] AIRBORNE COLLISION  
AVOIDANCE SYSTEM AND METHOD  
OF DETERMINING RADIO  
FREQUENCY LINK RELIABILITY FOR  
AIRCRAFT TRACKING  
[54] SYSTEME ANTI-COLLISION  
AERIENNE ET PROCEDE DE  
DETERMINATION DE FIABILITE DE  
LIAISON RADIOELECTRIQUE POUR  
LA POURSUITE D'AERONEF  
[72] JOHNSON, DAVID J., US  
[72] YBARRA, KATHRYN W., US  
[71] AVIATION COMMUNICATION &  
SURVEILLANCE SYSTEMS LLC, US  
[85] 2004-07-05  
[86] 2002-12-18 (PCT/US2002/040381)  
[87] 2003-07-24 (WO2003/060854)  
[30] US (10/038,134) 2002-01-03

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**[21] 2,472,307**  
[13] A1

[51] Int.Cl. 7D21F 3/02 7D21G 1/00  
7D21H 25/06  
[25] EN  
[54] PROCESSING DEVICE AND  
METHOD OF OPERATING THE  
DEVICE FOR PROCESSING A COATED  
OR UNCOATED FIBROUS WEB  
[54] DISPOSITIF DE TRAITEMENT ET  
PROCEDE D'EXPLOITATION DU  
DISPOSITIF POUR TRAITER UNE  
BANDE FIBREUSE COUCHEE OU NON  
COUCHEE  
[72] SUTTI, RISTO, FI  
[72] KOIVUKUNNAS, PEKKA, FI  
[72] NISSINEN, VILHO, FI  
[72] LIPPONEN, JUHA, FI  
[72] VAITTINEN, HENRI, FI  
[72] PIETIKAINEN, REIJO, FI  
[72] VILJANMAA, MIKA, FI  
[72] HASANEN, KARI, FI  
[71] METSO PAPER, INC., FI  
[85] 2004-07-02  
[86] 2003-01-29 (PCT/FI2003/000068)  
[87] 2003-08-07 (WO2003/064762)  
[30] FI (20020159) 2002-01-29

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[13] A1

[51] Int.Cl. 7B27L 11/00 7B27G 13/10  
[25] EN  
[54] KNIFE ASSEMBLY FOR A  
CHIPPER  
[54] ENSEMBLE DE COUTEAUX POUR  
DECHIQUETEUSE  
[72] HAAPASALO, PAULI, FI  
[71] RUMMAKKO OY, FI  
[85] 2004-07-02  
[86] 2003-02-13 (PCT/FI2003/000111)  
[87] 2003-08-21 (WO2003/068467)  
[30] FI (20025006) 2002-02-15

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**[21] 2,472,314**  
[13] A1

[51] Int.Cl. 7B24B 13/02 7B24D 9/08  
[25] FR  
[54] OUTIL POUR LE SURFACAGE  
D'UNE SURFACE OPTIQUE  
[54] TOOL FOR SURFACE  
TREATMENT OF AN OPTICAL  
SURFACE  
[72] HUGUET, JOEL, FR  
[71] ESSILOR INTERNATIONAL  
(COMPAGNIE GENERALE D'OPTIQUE),  
FR  
[85] 2004-06-28  
[86] 2003-01-06 (PCT/FR2003/000010)  
[87] 2003-07-24 (WO2003/059572)  
[30] FR (02/00483) 2002-01-16

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**[21] 2,472,315**  
[13] A1

[51] Int.Cl. 7G03F 7/24 7G03F 7/18 7G03F  
7/20  
[25] FR  
[54] PROCEDE DE FABRICATION  
D'UNE PLAQUE DE FLEXOGRAPHIE  
ET PLAQUE DE FLEXOGRAPHIE  
OBTENUE PAR CE PROCEDE  
[54] METHOD FOR THE PRODUCTION  
OF A FLEXOGRAPHIC PLATE AND  
FLEXOGRAPHIC PLATE OBTAINED  
ACCORDING TO SAID METHOD  
[72] RICH, GERARD, FR  
[72] KUCZYNSKI, JERZY, FR  
[71] MACDERMID GRAPHIC ARTS S.A.,  
FR  
[85] 2004-07-02  
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[87] 2003-07-17 (WO2003/058349)  
[30] FR (02/00329) 2002-01-11

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**[21] 2,472,318**  
[13] A1

[51] Int.Cl. 7D21H 27/02 7B29C 59/04  
7B31F 1/07  
[25] FR  
[54] FEUILLE DE PAPIER ABSORBANT  
GAUFRE, CYLINDRE POUR LE  
GAUFRAGE ET SON PROCEDE DE  
MISE EN OEUVRE  
[54] ABSORBENT EMBOSED PAPER  
SHEET, EMBOSsing CYLINDER, AND  
METHOD FOR THE PRODUCTION  
THEREOF  
[72] GRAFF, PIERRE, FR  
[72] LAURENT, PIERRE, FR  
[71] GEORGIA-PACIFIC FRANCE, FR  
[85] 2004-07-05  
[86] 2003-01-24 (PCT/FR2003/000229)  
[87] 2003-07-31 (WO2003/062530)  
[30] EP (02290181.3) 2002-01-25

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**[21] 2,472,319**  
[13] A1

[51] Int.Cl. 7H04L 17/00  
[25] EN  
[54] DETECTING AND MEASURING  
INTERFERENCE CONTAINED WITHIN  
A DIGITAL CARRIER  
[54] DETECTION ET MESURE DES  
INTERFERENCES CONTENUES DANS  
UNE PORTEUSE NUMERIQUE  
[72] DOWNEY, MICHAEL L., US  
[72] CHU, JEFFREY C., US  
[71] GLOWLINK COMMUNICATIONS  
TECHNOLOGY, INC., US  
[85] 2004-06-25  
[86] 2003-02-26 (PCT/US2003/005823)  
[87] 2003-09-18 (WO2003/077488)  
[30] US (60/361,493) 2002-03-04  
[30] US (10/375,221) 2003-02-26

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[13] A1

[51] Int.Cl. 7H04J 14/02  
[25] EN  
[54] NOISE REDUCTION IN OPTICAL  
COMMUNICATIONS NETWORKS  
[54] REDUCTION DU BRUIT DANS DES  
RESEAUX DE COMMUNICATION  
OPTIQUES  
[72] CLARINGBURN, HARRY RICHARD,  
GB  
[72] SHERRATT, MICHAEL, GB  
[71] MARCONI UK INTELLECTUAL  
PROPERTY LIMITED, GB  
[85] 2004-07-02  
[86] 2002-12-17 (PCT/GB2002/005721)  
[87] 2003-07-10 (WO2003/056738)  
[30] GB (0200177.4) 2002-01-04

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**[21] 2,472,325**  
[13] A1

[51] Int.Cl. 7B01D 63/12 7B01D 61/18  
[25] EN  
[54] A SPIRAL WOUND MEMBRANE ELEMENT AND A PROCESS FOR PREVENTING TELESCOPING OF THE FILTER ELEMENT  
[54] ELEMENT DE MEMBRANE SPIRALE ET PROCEDE POUR EMPECHER LE TELESCOPAGE DE L'ELEMENT FILTRE  
[72] MOLLER, JENS KLOPPENBORG, DK  
[71] ENVIRO HOLDING A/S, DK  
[85] 2004-06-29  
[86] 2002-12-03 (PCT/DK2002/000816)  
[87] 2003-07-10 (WO2003/055580)  
[30] DK (PA 2002 00008) 2002-01-04

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**[21] 2,472,326**  
[13] A1

[51] Int.Cl. 7C01B 3/38 7C10G 2/00  
[25] EN  
[54] PROCESS FOR THE PRODUCTION OF HYDROCARBONS  
[54] PROCEDE DE PRODUCTION D'HYDROCARBURES  
[72] FERNIE, MARTIN JOHN, GB  
[72] ABBOTT, PETER EDWARD JAMES, GB  
[71] JOHNSON MATTHEY PLC, GB  
[85] 2004-07-02  
[86] 2002-12-23 (PCT/GB2002/005905)  
[87] 2003-07-31 (WO2003/062142)  
[30] GB (0200891.0) 2002-01-16

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**[21] 2,472,327**  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] METHOD AND SYSTEM FOR FACILITATING SERVICES IN A COMMUNICATION NETWORK THROUGH DATA-PUBLICATION BY A SIGNALING SERVER  
[54] PROCEDE ET SYSTEME PERMETTANT DE FACILITER DES SERVICES DANS UN RESEAU DE COMMUNICATION A TRAVERS LA PUBLICATION DE DONNES PAR UN SERVEUR DE SIGNALISATION  
[72] MCCONNELL, VON K., US  
[72] SANTHARAM, ARUN, US  
[71] SPRINT SPECTRUM, L.P., US  
[85] 2004-07-05  
[86] 2002-11-12 (PCT/US2002/036055)  
[87] 2003-08-14 (WO2003/067363)  
[30] US (10/071,833) 2002-02-07

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[13] A1

[51] Int.Cl. 7C07C 7/12 7C10G 25/02  
7B01J 41/04 7B01J 41/14  
[25] EN  
[54] SULPHIDED ION EXCHANGE RESINS  
[54] RESINES ECHANGEUSES D'IONS SULFUREES  
[72] WOOD, PETER, GB  
[72] YOUNG, NICOLA, GB  
[72] CARNELL, PETER JOHN HERBERT, GB  
[71] JOHNSON MATTHEY PLC, GB  
[85] 2004-07-02  
[86] 2003-01-17 (PCT/GB2003/000184)  
[87] 2003-07-31 (WO2003/062176)  
[30] GB (0201457.9) 2002-01-23  
[30] GB (0201461.1) 2002-01-23

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[13] A1

[51] Int.Cl. 7A61L 2/26 7A01M 17/00  
7A01M 19/00 7A61L 2/20 7A23L 3/3409  
[25] EN  
[54] FLEXIBLE WALK-IN ENVIRONMENTAL ENCLOSURE  
[54] PETITE CHAMBRE D'ISOLEMENT FLEXIBLE  
[72] KARLE, DAVID A., US  
[71] STERIS INC., US  
[85] 2004-07-05  
[86] 2003-01-16 (PCT/US2003/001289)  
[87] 2004-04-29 (WO2004/035094)  
[30] US (60/349,046) 2002-01-16

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**[21] 2,472,331**  
[13] A1

[51] Int.Cl. 7C07D 405/12  
[25] EN  
[54] PROCESS AND INTERMEDIATES FOR PYRIDAZINONE ANTIDIABETIC AGENTS  
[54] PROCEDE ET INTERMEDIAIRES POUR AGENTS ANTIDIABETIQUES PYRIDAZINONE  
[72] TOM, NORMA JACQUELINE, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-07-05  
[86] 2003-01-03 (PCT/IB2003/000013)  
[87] 2003-07-17 (WO2003/057691)  
[30] US (60/347,679) 2002-01-09

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**[21] 2,472,334**  
[13] A1

[51] Int.Cl. 7B66F 9/075  
[25] EN  
[54] FOUR-DIRECTIONAL FORKLIFT TRUCK  
[54] CHARIOT ELEVATEUR A FOURCHE QUADRI-DIRECTIONNEL  
[72] MCVICAR, MARTIN, IE  
[72] MOFFETT, ROBERT, IE  
[71] COMBILIFT RESEARCH & DEVELOPMENT LIMITED, IE  
[85] 2004-07-02  
[86] 2002-01-02 (PCT/IE2002/000004)  
[87] 2003-07-24 (WO2003/059799)

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[13] A1

[51] Int.Cl. 7C07C 233/05 7A61P 35/00  
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7C07C 237/06 7C07C 233/09 7A61K 31/16  
7A61K 31/19 7C07C 237/20 7C07C 403/20  
7C07C 237/42 7C07C 233/49 7C07C 323/59 7C07C 323/60 7A61K 31/7008 7A61K 31/7012 7C07C 235/74  
[25] EN  
[54] GERANYL COMPOUNDS  
[54] COMPOSES DE GERANYLE  
[72] AKIYAMA, KIYOSHI, JP  
[71] OHGEN RESEARCH LABORATORIES LTD., JP  
[85] 2004-07-05  
[86] 2002-12-26 (PCT/JP2002/013615)  
[87] 2003-07-24 (WO2003/059866)  
[30] JP (2002-4123) 2002-01-11  
[30] JP (2002-4131) 2002-01-11  
[30] JP (2002-4136) 2002-01-11  
[30] JP (2002-283644) 2002-09-27

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[13] A1

[51] Int.Cl. 7H05K 1/02 7H05K 1/18  
[25] EN  
[54] TECHNIQUE FOR ACCOMMODATING ELECTRONIC COMPONENTS ON A MULTILAYER SIGNAL ROUTING DEVICE  
[54] TECHNIQUE POUR LOGER DES COMPOSANTS ELECTRONIQUES SUR UN DISPOSITIF DE ROUTAGE DE SIGNAL MULTICOUCHE  
[72] MARCANTI, LARRY, US  
[72] DIFILIPPO, LUIGI G., CA  
[72] DUXBURY, GUY M., CA  
[72] KWONG, HERMAN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2004-07-05  
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DETECTION AND RESPONSE  
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[72] JOHNSTON, TODD, US  
[72] KHALAF, JOHN, US  
[72] LINEHAN, THOMAS, US  
[72] SCHROEDER, FRED, US  
[71] D-M-E COMPANY, US  
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[87] 2004-06-10 (WO2004/049518)  
[30] US (10/301,228) 2002-11-21

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SELECTING SYSTEM AND METHOD  
THEREOF  
[54] SYSTEME ET PROCEDE DE  
SELECTION DES LUNETTES ET DES  
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[72] TOSHIMA, AKIO, JP  
[72] YOSHIDA, TAKEHIKO, JP  
[71] VISION OPTIC CO., LTD., JP  
[85] 2004-07-02  
[86] 2003-01-06 (PCT/JP2003/000003)  
[87] 2003-07-17 (WO2003/057038)  
[30] JP (2002/200) 2002-01-04

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[54] AGENT ANTI-HIV  
[72] SAKAMOTO, TAKASHI, JP  
[72] KESHI, HIROYUKI, JP  
[72] OHTANI, KATSUKI, JP  
[72] KISHI, YUICHIRO, JP  
[72] WAKAMIYA, NOBUTAKA, JP  
[71] FUSO PHARMACEUTICAL  
INDUSTRIES, LTD., JP  
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[87] 2004-01-08 (WO2004/002511)  
[30] JP (2002-189534) 2002-06-28

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[51] Int.Cl. 7C09K 17/00 7E02D 3/12  
[25] EN  
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PARTICULATE MATERIAL USING  
WOOL GREASE  
[54] STABILISATION DE MATERIAUX  
PARTICULAIRES AU MOYEN DE  
SUINT  
[72] RYAN, DOUGLAS, AU  
[72] MACKENZIE, KENNETH ALLAN,  
AU  
[72] HEYDEN, GARY STUART, AU  
[71] RYAN, DOUGLAS, AU  
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[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS COMPRISING  
VALSARTAN AND NEP INHIBITORS  
[54] COMPOSITIONS  
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VALSARTAN ET D'INHIBITEURS NEP  
[72] KSANDER, GARY MICHAEL, US  
[72] WEBB, RANDY LEE, US  
[71] NOVARTIS AG, CH  
[85] 2004-07-02  
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[30] US (60/349,660) 2002-01-17

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HIGHSPEED AND BULK BACKUP  
[54] SYSTEME ET PROCEDE  
PERMETTANT DE REALISER UNE  
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[72] PARK, SUNG WON, KR  
[71] NCERTI CO., LTD., KR  
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OPTOMETRIC METHOD, AND  
OPTOMETRIC SERVER  
[54] APPAREIL, PROCEDE ET  
SERVEUR OPTOMETRIQUES  
[72] YOSHIDA, TAKEHIKO, JP  
[72] TOSHIMA, AKIO, JP  
[71] VISION OPTIC CO., LTD., JP  
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[13] A1

[51] Int.Cl. 7C21B 13/10  
[25] EN  
[54] PROCESS FOR PRODUCING  
MOLTEN IRON  
[54] PROCEDE DE PRODUCTION DE  
FER FONDU  
[72] TANAKA, HIDETOSHI, JP  
[72] MIYAHARA, ITSUO, JP  
[72] TOKUDA, KOJI, JP  
[72] KOBAYASHI, ISAO, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO  
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[85] 2004-07-02  
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[13] A1

[51] Int.Cl. 7A61M 25/10 7A61F 2/06  
[25] EN  
[54] MULTIPLE-WING BALLOON  
CATHETER TO REDUCE DAMAGE TO  
COATED EXPANDABLE MEDICAL  
IMPLANTS  
[54] SONDE A BALLONNET A  
PLUSIEURS AILETTES CONCUE POUR  
REDUIRE L'ENDOMMAGEMENT  
CAUSE A DES IMPLANTS MEDICAUX  
A REVETEMENT POUVANT ETRE  
DILATES  
[72] MCRAE, TOM, IE  
[72] WEBER, JAN, US  
[72] O'CONNOR, TIMOTHY, IE  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-07-02  
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**[54] COMBINAISON HAUTE SECURITE DE SERRURE ET DE LAME DE CLE**  
[72] WIDEN, BO, SE  
[71] WINLOC AG, CH  
[85] 2004-07-02  
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**[54] METHODE DE STIMULATION DES SINUS VENEUX DURAUX ET DURE-MERE ADJACENTE DESTINEE AU TRAITEMENT D'ETATS PATHOLOGIQUES**  
[72] ANSARINIA, MEHDI, M., US  
[71] ANSARINIA, MEHDI, M., US  
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[25] EN  
**[54] COIN-DISCRIMINATOR ANTI-COUNTERFEITING METHOD AND APPARATUS**  
**[54] PROCEDE ET APPAREIL ANTI-CONTREFAYON DE CONTROLE DE MONNAIE**  
[72] BROWN, DAVID J., US  
[72] GEIGER, STEVEN, US  
[72] MANION, TIMOTHY, US  
[72] SCHERER, SCOTT, US  
[71] COINSTAR, INC., US  
[85] 2004-07-02  
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[25] EN  
**[54] A RETAINER FOR BUTTRESSING AN ELEMENT AND A METHOD FOR PRODUCING THE RETAINER**  
**[54] ORGANE DE RETENUE DESTINE A ETAYER UN ELEMENT ET PROCEDE DE PRODUCTION DE CET ORGANE DE RETENUE**  
[72] PFEFFERLE, WILLIAM C., US  
[72] ROYCHOUDHURY, SUBIR, US  
[72] SMITH, WARREN F., US  
[72] LOW, KEVIN J., US  
[71] PRECISION COMBUSTION, INC., US  
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[25] EN  
**[54] MODULE WITH SELF-SUPPORTING SHEET MEMBRANES**  
**[54] MODULE COMPORTANT DES MEMBRANES EN FEUILLES AUTOPOORTANTES**  
[72] KOPP, CLINT, US  
[71] TRIPLE I, US  
[85] 2004-07-02  
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[87] 2003-07-24 (WO2003/059494)  
[30] US (60/345,296) 2002-01-02

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[72] THOMPSON, MARK, US  
[72] FRAZIER, PATRICIA A., US  
[72] JERONIMUS, MIKE, US  
[72] SEIFERT, DEAN A., US  
[72] MICHELSSEN, MIKE, US  
[72] HANSEN, KURT, US  
[71] FIRST DATA CORPORATION, US  
[85] 2004-07-02  
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[87] 2003-07-24 (WO2003/060635)  
[30] US (10/037,827) 2002-01-03  
[30] US (10/040,568) 2002-01-04  
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**[54] VANNE PAPILLON**  
[72] BAUMANN, HANS D., US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2004-07-02  
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[51] Int.Cl. 7A62B 7/10  
[25] EN  
**[54] BREATHABLE NON-WETTABLE MELT-BLOWN NON-WOVEN MATERIALS AND PRODUCTS EMPLOYING THE SAME**  
**[54] NONTISSES DE FUSION-SOUFLAGE HYDROFUGES ET PERMEABLES A L'AIR ET ARTICLES UTILISANT DE TELS MATERIAUX**  
[72] McDONOGH, RICHARD M., US  
[72] KHAN, AHAMAD Y. A., US  
[72] WANG, I-FAN, US  
[72] RUDOLPH, JAMES E., JR., US  
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**[54] MULTIPLY TISSUE PRODUCT**  
**[54] PRODUIT DE PAPIER MENAGER MULTICOUCHE**  
[72] VON HEIMBURG, JOACHIM, CH  
[72] REINHEIMER, HORST ALFRED, DE  
[72] CHATTERJEE, ANIRUDDHA, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-07-02  
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[13] A1

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[54] COMBINED DISSECTING,  
CAUTERIZING, AND STAPLING  
DEVICE  
[54] DISPOSITIF COMBINE DE  
DISSECTION, DE CAUTERISATION ET  
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[72] MOLLENAUER, KENNETH, US  
[71] STARION INSTRUMENTS  
CORPORATION, US  
[85] 2004-07-02  
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[87] 2003-07-17 (WO2003/057058)  
[30] US (10/037,625) 2002-01-03

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[13] A1

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[54] MULTIPLE INITIAL SEARCH  
METHOD FOR CDMA AND GPS  
SYSTEM  
[54] PROCEDE DE RECHERCHE  
INITIALE MULTIPLE DESTINE A DES  
SYSTEMES AMRC ET GPS  
[72] POON, WANG PAUL, US  
[72] ZOU, QIUZHEN, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-07-02  
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[30] US (10/041,205) 2002-01-07

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[13] A1

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[25] EN  
[54] INFUSED SAKE AND PROCESS  
FOR MAKING SAME  
[54] SAKE INFUSE ET PROCEDE DE  
FABRICATION CORRESPONDANT  
[72] KAWA, ADRIAN, US  
[72] NATHAN, ALLAN, US  
[72] POSNIAK, ANTON, US  
[72] RAVID, GUY, US  
[71] KINTARO SAKE COMPANY, LLC,  
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[85] 2004-07-02  
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[30] US (10/038,296) 2002-01-02

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[54] REGISTRATION OF  
SEPARATIONS  
[54] REPERAGE DE TIRAGES PAR  
EXTRACTION  
[72] WANG, ERIC, US  
[72] PERLMUTTER, SHARON M., US  
[72] PERLMUTTER, KEREN O., US  
[72] Klammer, PAUL R., US  
[71] AMERICA ONLINE, INC., US  
[71] TIME WARNER ENTERTAINMENT  
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[85] 2004-07-02  
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[30] US (10/035,337) 2002-01-04

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[54] VALVE MANIFOLD ASSEMBLY  
[54] ENSEMBLE COLLECTEUR DE  
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[72] PIETRANTONI, DENNIS P., US  
[71] SCOTT TECHNOLOGIES, INC., US  
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[87] 2003-07-17 (WO2003/057562)  
[30] US (60/346,397) 2002-01-07

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[54] MEDIA HOLDING PACKAGE  
[54] CONDITIONNEMENT DE  
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[72] ROSSITER, SHANE P, US  
[71] MEADWESTVACO CORPORATION,  
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[85] 2004-07-02  
[86] 2003-01-06 (PCT/US2003/000225)  
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[54] SHIPPING AND DISPLAY CASE  
[54] CONTENEUR DE PRESENTATION  
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[72] WARDOUR, JASON E., US  
[72] HEARNE, DARYL, US  
[71] STONE CONTAINER  
CORPORATION, US  
[85] 2004-07-02  
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[87] 2003-09-04 (WO2003/072448)  
[30] US (10/083,308) 2002-02-26

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[13] A1

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[54] 5-HT2B RECEPTOR  
ANTAGONISTS  
[54] ANTAGONISTES DU RECEPTEUR  
5-HT2B  
[72] COLEMAN, ROBERT ALEXANDER,  
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[72] CLARK, KENNETH LYLE, GB  
[72] BORMAN, RICHARD ANTHONY, GB  
[72] OXFORD, ALEXANDER WILLIAM,  
GB  
[71] PHARMAGENE LABORATORIES  
LIMITED, GB  
[85] 2004-07-19  
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[87] 2003-08-21 (WO2003/068227)  
[30] GB (0203413.0) 2002-02-13  
[30] US (60/358,716) 2002-02-25

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[13] A1

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[25] EN  
[54] CONTAINER FOR VIAL OF  
RADIOPHARMACEUTICAL AND SET  
FOR ITS INFUSION IN A PATIENT OR  
FOR ITS TRANSFER ELSEWHERE  
[54] RECIPIENT POUR FLACON DE  
PRODUIT RADIOPHARMACEUTIQUE  
ET NECESSAIRE POUR PERFUSER CE  
PRODUIT A UN PATIENT OU POUR LE  
TRANSFERER VERS UN AUTRE LIEU  
[72] PAGANELLI, GIOVANNI, IT  
[72] CHINOL, MARCO, IT  
[71] SIGMA-TAU INDUSTRIE  
FARMACEUTICHE RIUNITE, S.P.A., IT  
[85] 2004-07-16  
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[25] EN  
[54] PROCESS FOR INTRODUCING AN INSULATING SYSTEM IN AN INTERSPACE  
[54] PROCEDE D'INTRODUCTION D'UN SYSTEME ISOLANT DANS UN INTERSTICE  
[72] DI GREGORIO, PIERATTILIO, IT  
[72] TIBERI, RUGGERO, IT  
[72] MANINI, PAOLO, IT  
[71] SAES GETTERS S.P.A., IT  
[85] 2004-07-13  
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[30] IT (MI2002A000255) 2002-02-11

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[25] EN  
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[54] MATERIAUX CONTENANT PLUSIEURS COUCHES DE VESICULES  
[72] KOTOV, NICHOLAS, US  
[72] LALLY, JOHN MARTIN, US  
[71] NOVARTIS AG, CH  
[85] 2004-07-07  
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[87] 2003-09-18 (WO2003/075888)  
[30] US (60/364,192) 2002-03-13

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7C07J 71/00 7C07D 303/06  
[25] EN  
[54] METHOD FOR THE PREPARATION OF 6-ALPHA-FLUORO CORTICOSTEROIDS  
[54] PROCEDE RELATIF A L'ELABORATION DE 6-ALPHA-FLUOROCORTICOSTEROIDES  
[72] GUTMAN, DANIELLA, IL  
[72] CHERNYAK, SHIMON, IL  
[72] ZARBOV, MARTIN, IL  
[71] TARO PHARMACEUTICALS U.S.A., INC., US  
[85] 2004-05-06  
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[30] US (60/333,752) 2001-11-29

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[25] EN  
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[54] MULTIPLEXAGE PAR MODULATION  
[72] WEI, YONGBIN, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-06-08  
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[13] A1

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[25] EN  
[54] SPECIES OF FUNGI AND THEIR USE IN PEST AND DISEASE CONTROL  
[54] NOUVELLE ESPECES DE CHAMPIGNONS ET LEUR UTILISATION DANS LA LUTTE CONTRE LES RAVAGEURS ET LA MALADIE  
[72] GERSON, URI, IL  
[72] SZTEJNBERG, ABRAHAM, IL  
[72] GAFNI, AVIVA, IL  
[71] YISSUM RESEARCH AND DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, IL  
[85] 2004-07-21  
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[30] IL (147835) 2002-01-24

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7G01N 33/543  
[25] EN  
[54] METHOD FOR IDENTIFYING INHIBITORS OF G PROTEIN COUPLED RECEPTOR SIGNALING  
[54] PROCEDE D'IDENTIFICATION D'INHIBITEURS DE SIGNALISATION DU RECEPTEUR COMPLEXE A LA PROTEINE G  
[72] GILCHRIST, ANNIE, US  
[72] HAMM, HEIDI E., US  
[71] CUE BIOTECH, US  
[85] 2003-09-08  
[86] 2002-03-14 (PCT/US2002/007561)  
[87] 2002-09-19 (WO2002/072778)  
[30] US (60/275,472) 2001-03-14  
[30] US (09/852,910) 2001-05-11

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**[21] 2,475,270**  
[13] A1

[51] Int.Cl. 7H02K 21/22 7H02K 1/27  
[25] EN  
[54] ELECTRIC MOTOR HAVING MAGNETICALLY ISOLATED STATOR AND ROTOR GROUPS  
[54] MOTEUR ELECTRIQUE ROTATIF POSSEDEANT DES GROUPES STATOR ET ROTOR MAGNETIQUEMENT ISOLES  
[72] MASLOV, BORIS A., US  
[72] PYNTIKOV, ALEXANDER, US  
[71] WAVECREST LABORATORIES, LLC, US  
[85] 2004-08-27  
[86] 2002-03-29 (PCT/US2002/009622)  
[87] 2003-10-16 (WO2003/085806)

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[21] 2,451,308  
[13] A1

[51] Int.Cl. 7A23L 1/29 7A23L 1/164  
[25] EN  
[54] LOW GLYCEMIC INDEX FOOD  
[54] ALIMENT A FAIBLE INDICE  
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[72] KATZ, SAUL, CA  
[72] PRICE, VALERIE GRACE, CA  
[71] ADVANCED NUTRI-TECH  
SYSTEMS INC., CA  
[22] 2003-11-28  
[41] 2004-05-28  
[30] US (60/319,742) 2002-11-28

[21] 2,468,449  
[13] A1

[51] Int.Cl. 7A61K 31/55 7A61K 31/551  
7A61K 31/5513  
[25] EN  
[54] IMPROVEMENTS IN  
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[54] AMELIORATIONS DU  
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CHOLINESTERASE  
[72] SNORRASON, ERNIR, IS  
[71] SNORRASON, ERNIR, IS  
[22] 1992-05-14  
[41] 1992-11-26  
[62] 2,103,022  
[30] IS (3706) 1991-07-31  
[30] DK (0182/92) 1992-02-13  
[30] IS (3706) 1991-05-14

[21] 2,473,995  
[13] A1

[51] Int.Cl. 7A23L 2/44 7A23L 3/375  
[25] EN  
[54] METHOD AND APPARATUS FOR  
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[54] METHODE ET APPAREIL POUR  
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[72] ROBEY, RAYMOND J., US  
[72] FORBES, JAMES, US  
[72] WILDASIN, RICHARD E., US  
[71] THE UNIVERSITY OF FLORIDE  
RESEARCH FOUNDATION, US  
[22] 1999-08-10  
[41] 2000-02-10  
[62] 2,280,240  
[30] US (60/095,967) 1998-08-10  
[30] US (09/314,945) 1999-05-20

[21] 2,474,211  
[13] A1

[51] Int.Cl. 7C07D 239/88 7A61P 35/00  
7A61K 31/517  
[25] EN  
[54] ANTIPIROLIFERATIVE  
QUINAZOLINES  
[54] QUINAZOLINES  
ANTIPIROLIFERATIVES  
[72] JONES, TERENCE R., US  
[72] VARNEY, MICHAEL D., US  
[72] WEBBER, STEPHEN E., US  
[72] BLECKMAN, TED M., US  
[72] ATTARD, JOHN, US  
[71] AGOURON PHARMACEUTICALS,  
INC., US  
[22] 1993-03-26  
[41] 1993-10-14  
[62] 2,132,514  
[30] US (07/861,030) 1992-03-31

[21] 2,474,220  
[13] A1

[51] Int.Cl. 7G06F 17/30 7H04L 12/16  
7G06F 13/38  
[25] EN  
[54] APPARATUS AND METHOD FOR  
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[54] APPAREIL ET METHODE DE  
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[72] YACH, DAVID, CA  
[72] LITTLE, HERB A., CA  
[72] MOUSSEAU, GARY, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2000-11-24  
[41] 2001-06-06  
[62] 2,326,875  
[30] US (09/455,211) 1999-12-06

[21] 2,474,224  
[13] A1

[51] Int.Cl. 7B32B 27/28 7B29C 73/02  
7B44F 9/02 7B32B 5/18  
[25] EN  
[54] ARTICLES OF COMPOSITE  
STRUCTURE HAVING APPEARANCE  
OF WOOD  
[54] ARTICLES EN STRUCTURE  
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DU BOIS  
[72] DOMAS, TOMMY L., US  
[72] LIITSCHWAGER, TOMMY L., US  
[72] MCCLEERY, TIM, US  
[72] ALBRIGHT, DENNIS W., US  
[71] JELD-WEN, INC, US  
[22] 2001-02-08  
[41] 2002-08-07  
[62] 2,334,589  
[30] US (09/779199) 2001-02-07

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[13] A1

[51] Int.Cl. 7A61K 31/498 7A61P 27/02

[25] EN

[54] COMPOSITIONS CONTAINING  
ALPHA-2-ADRENERGIC AGONIST  
COMPONENTS

[54] COMPOSITIONS CONTENANT  
DES COMPOSANTS AGONISTES  
ALPHA-2 ADRENERGIQUES

[72] KERSLAKE, EDWARD D. S., US

[72] OLEJNIK, OREST, US

[71] ALLERGAN SALES, INC., US

[22] 2001-07-09

[41] 2002-01-24

[62] 2,402,405

[30] US (60/218,200) 2000-07-14

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**[21] 2,474,282**

[13] A1

[51] Int.Cl. 7B01D 39/04 7A62B 23/00

**7D04H 1/54**

[25] EN

[54] ELECTRET FILTER MEDIA

[54] MEDIA FILTRANT ELECTRETES

[72] ANGADJIVAND, SEYED A., US

[72] JONES, MARVIN E., US

[72] MEYER, DANIEL E., US

[71] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US

[22] 1994-08-17

[41] 1995-02-23

[62] 2,168,126

[30] US (08/107,517) 1993-08-17

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		BOUSSE, LUC J.	2,300,075	CHUANG, LOCUS YAW-JEN	2,232,835
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THAKUR, NEELESH M.	2,287,096	USKALI, ROBERT G.	2,408,615	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2,449,653
THE BOC GROUP, INC.	2,312,214	VALEMBOIS, GUY	2,148,815	YORK INTERNATIONAL CORPORATION	2,191,088
THE DOW CHEMICAL COMPANY	2,194,243	VALLAURI, UBALDO	2,211,766	YOSHIDA, HIDEAKI	2,368,589
THE GATES RUBBER COMPANY	2,192,422	VANACKEREN, TIMOTHY J.	2,188,350	YOSHIKAWA, KAZUHIRO	2,359,521
THE GILLETTE COMPANY	2,278,765	VEENEMA, PETER	2,309,580	ZAMAN, KAMRAN U.	2,163,613
THE GILLETTE COMPANY	2,288,101	VELTMAN, JEROME J.	2,280,035	ZASSI MEDICAL EVOLUTIONS, INC.	2,313,656
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE CRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2,147,838	VENOLIA, DANIEL S.	2,102,910	ZEILER, JOHN F.	2,406,881
THE HOLMES GROUP, INC.	2,340,219	VENTANA MEDICAL SYSTEMS, INC.	2,321,836	ZIMMER, MICHAEL	2,326,877
THE TEXAS A&M UNIVERSITY SYSTEM	2,177,267	VERTELNEY, LAURIE J.	2,102,910	ZIMMERMANN, MANFRED	2,348,592
THE UNIVERSITY OF BRITISH COLUMBIA	2,167,268	VIAM-ALL RUSSIAN INSTITUT OF AVIATION MATERIALS	2,142,738	ZUCCHI, GIUSEPPE	2,190,505
THE WHITAKER CORPORATION	2,099,535	VIDAL, CHRISTINE L.	2,094,063		2,140,529
THONDROND, JEAN-FRANCOIS	2,093,174	VIFA-SPEAK A/S	2,173,466		
THOMAS, MICHAEL	2,141,684	VOITH TURBO GMBH & CO. KG	2,317,014		
THOMAS, RICHARD RONALD	2,234,370	VON ALPEN, ULRICH	2,134,283		
THOMAS, ROGER	2,275,038	VON DRASEK, WILLIAM A.	2,082,405		
THOMAS, ROGER	2,276,293	VON DYCK, PETER M.	2,406,881		
THOMPSON, RICHARD J.	2,330,606	VOSS, HENRY	2,296,384		
THOMPSON-ROHRlich, JOHN A.	2,102,910	W.R. GRACE & CO.-CONN.	2,348,865		
THOMSEN, OVE LYCK	2,155,525	WACTLAR, HOWARD D.	2,202,539		
THOMSON-CSF	2,242,225	WAJIMA, KIYOSHI	2,280,523		
		WANDSCHNEIDER, GUIDO	2,259,394		
		WANDSCHNEIDER, INGEBORG	2,259,394		
		WEBER, ERHARD	2,190,505		
		WEBER, TOBIAS	2,298,709		
		WEEKS, GREGORY PAUL	2,309,580		
		WEI, PAUL	2,354,586		
		WEINBERG, WALDEMAR	2,348,592		
		WEINER, AMY J.	2,162,557		
		WENSTROM, RICHARD F. JR.	2,089,624		
		WESTPORT RESEARCH INC.	2,441,775		
		WESZLING, BERNHARD	2,126,330		
		WHANG, PETER	2,126,330		
		WHETSEL, LARRY E.	2,114,885		

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ACH, ERNST	2,459,504	BELL, DAVID	2,421,321	CHAM MANUFACTURING	2,460,378
ACRES GAMING		BELLEMARE, SERGE	2,421,613	INC.	2,428,711
INCORPORATED	2,456,579	BELLS, MATTHEW	2,421,656	CHAN, ALVIN C.	2,420,997
ADJEMIAN, KEVORK TRO	2,459,474	BENOIST GIRARD SAS	2,460,294	CHANG, GIN-SUNG	2,458,511
AIRBUS FRANCE	2,456,674	BERG, RICHARD	2,459,905	CHANG, KAO-WEN	2,421,977
AIRBUS FRANCE	2,458,947	BES TOOL & DIE LTD.	2,431,468	CHAPDELAINE, JOHN F.	2,421,342
ALBERTA RESEARCH		BESSEY & SOHN GMBH &		CHELLO BROADBAND NV	2,456,356
COUNCIL INC.	2,421,373	CO.	2,458,897	CHEN, BIN-KEN	2,456,356
ALGONQUIN AUTOMOTIVE	2,459,630	BETH-EL ZIKHRON-		CHEN, SHAN-CHIUNG	2,459,104
ALLEN, STEVE	2,421,341	YA'AQOV INDUSTRIES		CHEVRON ORONITE	2,428,711
ALLIN, JOHN M.	2,424,413	LTD.	2,460,277	COMPANY LLC	2,460,457
AMADE, VINCENT	2,458,947	BEVERIDGE, JOHN	2,420,812	CHOW, CHING KUANG	2,459,679
AMIEL, DAVID	2,459,896	BIOFLASH INC.	2,422,906	CHUPP, BRADLEY S.	2,442,163
AMORT, HOLGER ERNST	2,456,224	BJ SERVICES COMPANY	2,459,672	COLANGELO III, LOUIS J.	2,459,512
ANDERSON, ROBERT PAUL	2,425,752	BLANCHET, RONALD	2,422,869	COLANGELO, LOUIS J., III	2,459,104
ANDRITZ AG	2,458,100	BLILEY, RICHARD GERALD	2,459,652	COLMAN, RENEE	2,457,423
ANGLEHART, JAMES	2,459,948	BLILEY, RICHARD GERALD	2,459,659	CONSORTIUM FUR	2,457,615
AOKI, NOBUHIRO	2,459,665	BLISS, JOHN C.	2,460,373	ELEKTROCHEMISCHE	2,458,359
ARACHEQUESNE, PATRICK	2,458,412	BLUME, JOSEPH A.	2,451,937	INDUSTRIE GMBH	2,458,055
ARCHAMBAULT, MARC		BOCQUET, PHILIPPE	2,456,674	COOPER BRANDS, INC.	2,421,440
ANTOINE	2,421,244	BOFFA, ALEXANDER B.	2,459,104	CORMIER, DAVID G.	2,460,451
ARCTIC MANUFACTURING		BOMBARDIER		CORNIBERT, JACQUES	2,438,808
LTD.	2,421,419	RECREATIONAL		CORNIBERT, JACQUES	2,421,632
ARILLA, JEAN BAPTISTE	2,459,473	PRODUCTS INC.	2,458,960	CORREIA, HORACIO	2,421,376
ARTHUR, ALAN R.	2,448,677	BOMBARDIER		CORREIA, HORACIO	2,459,896
ATOFINA CHEMICALS, INC.	2,456,224	RECREATIONAL		COSMODA CONCEPT	2,421,330
ATOFINA CHEMICALS, INC.	2,459,474	PRODUCTS INC.	2,458,971	CORPORATION	2,438,036
AUDET, MATHIEU	2,458,960	BOUCHARD, GEORGES	2,420,345	COSTALL, DOUGLAS	2,461,041
AUDET, MATHIEU	2,458,971	BOUCHARD, GEORGES	2,460,050	COTRON CORPORATION	2,454,876
AUDET, PAUL	2,421,457	BOURASSA, MARTIAL G.	2,458,288	COUCH, SHERMAN	2,422,132
AUGER, GUILLAUME	2,458,960	BOWMAN, DON	2,421,602	COUGHLAN, CHRISTOPHER	2,420,294
AVENTIS BEHRING GMBH	2,459,644	BOYD, SCOTT	2,456,579	COUTTS, RICHARD DAVID	2,424,413
AVENTIS BEHRING GMBH	2,459,649	BRADSEN, ROSS	2,459,630	COUZENS, SANDY	2,459,672
BACHINSKI, THOMAS J.	2,459,420	BRANTFORD CHEMICALS		COUZENS, WAYNE	2,459,659
BACHINSKI, THOMAS J.	2,459,898	INC.	2,421,550	COX, MICHAEL A.	2,459,363
BACHINSKI, THOMAS J.	2,459,905	BREUKER, RAYMOND	2,422,100	CREO INC.	2,452,457
BAILEY, ROBERT W.	2,456,458	BROWN, JEFF	2,460,469	CRERAR, ANTONIETA	2,459,652
BAILEY, WILLIAM ANDREW	2,459,190	BURKE TRUCK &		CREST PRODUCTS, INC.	2,459,863
BAKER, GEORGE WILLIAM		EQUIPMENT, INC.	2,457,267	CRITELLI, JAMES M.	2,459,277
JR.	2,421,977	BURLAK, GARY	2,460,457	CRITTENDEN, DAVID E.	2,459,474
BALLARD POWER SYSTEMS		BUSSE, OLAF	2,459,214	CUEILLE, CHRISTOPHE	2,459,677
INC.	2,459,808	BUTLER, LAWRENCE	2,459,190	CULP, THOMAS DUDLEY	2,455,363
BALLY, MARCEL	2,421,316	CAIRNS, EWA	2,421,321	DAIMLERCHRYSLER	2,459,659
BARTON, RUSSELL H.	2,459,808	CAMOPLAST INC.	2,421,387	CORPORATION	2,459,652
BASLER, MICHEL	2,458,952	CANNON, WILLIAM J.	2,455,479	DALLAS, L. MURRAY	2,459,659
BATEMAN, ROBERT		CARL FREUDENBERG KG	2,450,998	DALLAS, L. MURRAY	2,459,659
HAROLD	2,460,469	CARL FREUDENBERG KG	2,457,185	DAVIDSON, KEITH JAMES	2,459,863
BAY WEST PAPER		CARMICHAEL, BEVERLY J.	2,421,130	DAWSON, JEFFREY C.	2,459,863
CORPORATION	2,451,937	CAUFIELD, JOHN D.	2,421,334	DE LUCENA, WALDIR	2,459,863
BAYER		CEDOLA, KENT D.	2,456,952	PEREIRA	2,459,863
AKTIENGESELLSCHAFT	2,459,658	CELATOR TECHNOLOGIES		DEAN, JASON ARTHUR	2,459,863
BAYER, REINHOLD	2,460,277	INC.	2,421,316	DEAN, JASON ARTHUR	2,459,863
BEAUDOIN, ADRIEN	2,422,906	CEM CORPORATION	2,459,792	DECKER, ISABELLE	2,459,863
BEJAN, ELENA	2,421,550	CHAI, WEIZHEN	2,421,259	DEERE & COMPANY	2,459,863

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DELOGE, NICOLAS	2,460,294	GENERAL ELECTRIC COMPANY	2,459,597	HON TECHNOLOGY INC.	2,459,420
DELORME, JOHN D.	2,460,228	GENERAL ELECTRIC COMPANY	2,459,652	HON TECHNOLOGY INC.	2,459,898
DENTON, DONALD R.	2,459,397	GENERAL ELECTRIC COMPANY	2,459,659	HON TECHNOLOGY INC.	2,459,905
DESA FMI, LLC	2,459,521	GENERAL ELECTRIC COMPANY	2,459,659	HON TECHNOLOGY INC.	2,459,911
DIMAGGIO, PHILLIP J.	2,460,363	GEORGIA-PACIFIC FRANCE	2,458,952	HONDA MOTOR CO., LTD.	2,459,439
DIONNE, CARL	2,459,694	GERBASI, RAPHAEL	2,459,314	HONDA MOTOR CO., LTD.	2,460,314
DOFASCO INC.	2,421,143	GERKIS, ANTHONY	2,421,578	H-P PRODUCTS, INC.	2,460,077
DOMENZ, MERYLDINE	2,460,113	GERLICH, TORSTEN	2,450,998	HUANG, CHAO-MING	2,460,365
DONELSON, STEPHEN E.	2,457,615	GIGNAC, JACQUES R.	2,423,815	HUANG, CHAO-MING	2,459,879
DOYON, PIERRE	2,421,606	GIRGENTI, DARRELL	2,458,493	HUARD, THIERRY	2,458,511
DRANE, MARK R.	2,457,508	GORTON-HUELGERTH, ANDREAS	2,458,100	HUBER, JR., HOWARD E.	2,458,962
DREISINGER, DAVID B.	2,459,680	GRABNER, MARTIN	2,459,216	HUSKIE TOOLS, INC.	2,459,685
DUCHARME, ANIQUE	2,458,288	GRAVEN, ERICK PAUL	2,459,597	HUSS, TIMOTHY L.	2,450,339
DUMONT, GILLES	2,421,389	GREAT AMERICAN DUCK		HUSTED, MARTIN D.	2,459,486
DUMONT, GILLES	2,460,465	RACES, INC. DBA GREAT AMERICAN MERCHANDISING AND EVE NTS	2,458,359	HYDRIE, AAMER	2,459,521
DYER, MICHAEL C.	2,449,258	GRINBAUM, BARUCH	2,459,680	HYPERTRONICS	2,456,952
EARLY, THOMAS ALFRED	2,459,316	GUILLERME, CELINE	2,457,185	ICHI SOLUTIONS INC.	2,461,041
EATON CORPORATION	2,459,441	GYSLING, DANIEL L.	2,460,079	ILLINOIS TOOL WORKS INC.	2,421,384
ELLECI S.P.A.	2,457,741	HABETS, DANNY	2,455,467	ILLINOIS TOOL WORKS INC.	2,454,442
ELLIOTT, WILFRED J.	2,420,982	HADEN SCHWEITZER		ILLINOIS TOOL WORKS INC.	2,454,810
ELM, RAINER	2,459,595	CORPORATION	2,459,620	ILLINOIS TOOL WORKS INC.	2,454,811
ELMS, ROBERT T.	2,459,441	HALLIBURTON ENERGY SERVICES, INC.	2,458,493	ILLINOIS TOOL WORKS INC.	2,454,876
ELWARD SYSTEMS CORPORATION	2,459,662	HARDING, PHILIP H.	2,448,677	ILLINOIS TOOL WORKS INC.	2,458,701
ERA-CONTACT GMBH	2,447,176	HARGETT, WYATT P., JR.	2,459,792	INFINEUM INTERNATIONAL LIMITED	2,460,400
ERA-CONTACT GMBH	2,447,177	HARLAMOVS, JURIS R.	2,459,680	INGERSOLL-RAND COMPANY	2,459,512
EXOPACK, LLC	2,459,657	HARRIS, STEVE	2,460,400	INGERSOLL-RAND COMPANY	2,459,679
EZ STAIRS, INC.	2,421,669	HARRISON, RONALD	2,462,302	INGERSOLL-RAND COMPANY	2,460,103
FALLE, DAVID E.	2,422,409	HARTLEY, ROLFE J.	2,460,400	INSTITUT DE CARDIOLOGIE DE MONTREAL / MONTREAL HEART INSTITUTE	2,458,288
FALLE, MARLEEN G.	2,422,409	HAUGEN, DAVID M.	2,459,839	INSTITUT FRANCAIS DU PETROLE	2,458,962
FARRINGTON, SIMON	2,459,808	HAUZIE, EUGENE JR.	2,421,025	INTERNATIONAL THERMAL INVESTMENTS LTD.	2,421,664
FERGUSON, STUART E.	2,460,079	HEDHLI, LOTFI	2,456,224	INVENTIO AG	2,459,447
FERNANDEZ RODRIGUEZ, JESUS	2,459,690	HEDHLI, LOTFI	2,459,474	INVENTIO AG	2,459,504
FIGIEL, JANUSZ	2,454,876	HENRY, DANIEL S.	2,459,911	INVENTIO AG	2,459,997
FINSCHI, LUKAS	2,459,997	HERAEUS ELECTRO-NITE INTERNATIONAL N.V.	2,455,467	IRVINE, RICHARD S.	2,456,361
FITZGIBBON, JAMES J.	2,460,113	HERRERA, PATRICIO S.	2,421,002	ISHIZAWA, TAKU	2,459,616
FOLEY, BRENDAN A.	2,459,441	HERRICK, DOUGLAS E.	2,459,397	ISSLER, DAVID C.	2,460,369
FOSHAG, SIEGFRIED	2,458,897	HERSHKOVITZ, SHMUEL	2,420,923	ITRICH, TODD J.	2,450,339
FOSTER, ROBERT JOSEPH	2,421,376	HERTL, ERWIN	2,459,948	IYER, JYOSTNA	2,456,224
FRANZ, MARCUS	2,460,356	HERZHAFT, BENJAMIN	2,458,100	IZUMI PRODUCTS COMPANY	2,459,678
FRASER, ROD S.	2,460,457	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,458,962	JANSEN, HUBERT	2,459,644
FREUDENBERG-NOK GENERALPARTNERSHIP	2,459,691	HILL, JONATHAN	2,448,677	JANSEN, HUBERT	2,459,649
FREUND, RICHARD C.	2,438,036	HIRTH, DAVID E.	2,421,321	JANSEN, STEVE J.	2,451,937
FUCHS, ALBRECHT	2,460,277	HITZSCHKE, LOTHAR	2,460,219	JEANNOT, SEBASTIEN	2,458,952
FUJI JUKOGYO KABUSHIKI KAISHA	2,459,446	HO, WENDY WAN YAN	2,459,817	JEUTTER, SCOTT STEPHEN	2,459,905
GABL, HELMUTH	2,458,100	HODGE, JOHN S.	2,459,808	JOHNSON, JEFFREY C.	2,459,620
GABOURY, SCOTT RICHARD	2,456,224	HODGSON, STANLEY RAYMOND, SR.	2,456,361	JOHNSON, LOUIS B.	2,459,824
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KONEFAL, ROBERT S.	2,460,231	MEDEMBLIK, JOHN J.	2,461,687	PAD PERIPHERAL ADVANCED DESIGN INC.	2,421,132
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KWON, SOON-HYUN	2,460,110	MEYER, MARTIN WOLFGANG	2,447,176	PARSADAYAN, WALTER	2,459,397
LAEMMERHIRT, KLAUS	2,459,519	MEYER, MARTIN WOLFGANG	2,447,177	PARSADAYAN, WALTER	2,459,804
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LAVOIE, MARTIN	2,459,694	MITCHELL, JED D.	2,456,952	PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,459,214
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BAUDRY, JEAN	2,467,050	BOLLMANN, ANNETTE	2,470,885	BUGNON, PHILIPPE	2,467,785
BAUMANN, HANS D.	2,472,494	BOLTON, ANTHONY E.	2,471,740	BUI, TUAN	2,472,007
BAXTER INTERNATIONAL INC.	2,472,007	BOMBRUN, AGNES	2,472,021	BUI, TUAN	2,472,009
BAXTER INTERNATIONAL INC.	2,472,009	BORCK, JOACHIM G.	2,472,027	BULL, DAVID JOHN	2,472,238
BAXTER, ANDREW	2,472,204			BULLOCK, WILLIAM	2,471,880
BAYER HEALTHCARE AG	2,471,236			BULTO CARULLA, VICTOR	2,470,897
BAYER HEALTHCARE AG	2,471,593			BULUSU, MURTY	2,471,883
BAYER PHARMACEUTICALS CORPORATION	2,471,880			BUNDRED, NIGEL	2,472,240

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BUSCH, FRANK ROBERT	2,472,205	CHERNYAK, YURI B.	2,471,655	COOK, ANDREW DAVID	2,472,142
BUTLER, BRYAN VIRGE	2,466,467	CHESNEY, JOHN	2,472,250	COOMBS, JAMES HOWARD	2,468,245
BYERLY, DUANE V.	2,472,251	CHEVALLIER, YVONICK	2,471,416	COONEY, EDWARD MATHEW	2,472,142
BYSTED, TOMMY KRISTENSEN	2,472,000	CHIANG, PO-CHANG	2,470,912	COOPER TECHNOLOGY SERVICES, LLC.	2,472,083
BYSTED, TOMMY KRISTENSEN	2,472,013	CHIANG, SHU-JEN	2,471,874	COOPER, GARTH JAMES SMITH	
CADOU, SEVERINE	2,471,350	CHIN, YEM	2,472,012		2,471,833
CALDWELL, DAVID W.	2,467,902	CHINOL, MARCO	2,472,777	COORS BREWING COMPANY	2,471,632
CALIFORNIA LINEAR DEVICES, INC.	2,472,259	CHOI, HYOUNG-SONG	2,471,605	CORMIER, JOEL MATTHEW	2,472,045
CALLAWAY GOLF COMPANY	2,469,003	CHOI, KWANG-SOO	2,471,605	CORNELIUS, JOHN	2,471,895
CALVET, NICOLAS	2,472,124	CHOI, SOONGYU	2,471,880	CORTEZ-RETAMOZO, VIRNA	2,471,645
CAMPER, FRANK J.	2,472,195	CHOI, SOONGYU	2,471,885	COTTONE, ROBERT J., JR.	2,472,031
CANSWERS LLC	2,471,725	CHOPP, MICHAEL	2,471,147	COUILLET, ISABELLE	2,471,340
CAPELLA PHOTONICS, INC.	2,471,553	CHORDIA, MAHENDRA D.	2,471,989	COULTER, THOMAS	2,469,042
CAPET, MARC	2,469,349	CHU, JEFFREY C.	2,472,319	COUTELLE, HELMUT	2,471,597
CARL FREUDENBERG KG	2,466,754	CHUDZIC, STEPHEN J.	2,471,103	COURTIER, MICHEL ANDRE	2,472,205
CARNELL, PETER JOHN HERBERT	2,472,329	CHUNG, DAVID Y.	2,467,920	COWLES, RONALD D.	2,471,946
CARPENTER, JAMES B.	2,471,014	CHUNG, JOO YOUNG	2,471,878	COX, JOHN R.	2,471,349
CARPENTIER, ALAIN F.	2,471,197	CIBA SPECIALITY CHEMICALS HOLDING INC.	2,467,785	COZZI, PAOLO	2,472,008
CARPENTIER, SOPHIE M.	2,471,197	CIBA SPECIALITY CHEMICALS HOLDING INC.	2,471,810	CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH	
CARRILLO, OSCAR	2,467,990	CIOMEL, MARINA	2,471,910	CRIVELLA, ARTHUR RAY	2,472,181
CARROLL, PHILLIP PATRICK III	2,472,045	CISCO TECHNOLOGY, INC.	2,472,044	CROMMEN, JAN HERBERT	2,471,845
CARUSO, JEROME CARMEL	2,472,222	CITADEL SECURITY SOFTWARE INC.	2,472,268	LILIANE	2,471,510
CARUSO, STEVEN JEROME	2,472,222	CLARIANT INTERNATIONAL LTD	2,471,751	CROWLEY, ROBERT J.	2,472,012
CASANOVA, ROBERT	2,470,457	CLARINGBURN, HARRY RICHARD	2,471,848	CUE BIOTECH	2,473,979
CASETTA, PAOLO	2,471,798	CLARINGBURN, HARRY RICHARD	2,472,322	CUTLER, GENE	2,471,465
CASPER, ROBERT	2,470,707	CLARK, ALAN MURRAY	2,472,225	CYTRON, SAMUEL	2,471,904
CASSIERE, KELLY LYNN	2,472,267	CLARK, JANET RENEE	2,471,477	CZEBOTAR, MARTIN	2,471,931
CASTELHANO, ARLINDO L.	2,471,098	CLARK, JANET RENEE	2,472,245	DAAGE, MICHEL	2,471,477
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CAULFIELD, THOMAS	2,469,349	CLARK, KENNETH LYLE	2,472,763	DACH, ROLF	2,472,263
CAVALIERE, CHIARA	2,471,991	CLARK, ALLAN J.	2,471,948	DADDONA, PETER E.	2,471,730
CAVANAUGH, ROBERT JOHN	2,472,175	CLARKE, REGINALD	2,472,250	DAIICHI PHARMACEUTICAL CO., LTD.	2,471,096
CELANESE INTERNATIONAL CORPORATION	2,472,172	CLAUGHTON, ANDREW	2,472,250	DANISCO SWEETENERS OY	2,471,943
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CERDAN, CARINE	2,468,988	CNS, INCORPORATED	2,471,844	DAUSCH, WILMA M.	2,470,461
CERRETO, MATTHEW ROBERT	2,471,598	COCHRUM, KENT C.	2,471,994	DAVID, JOHN R.	2,472,033
CERRI, ALESSANDRO	2,472,035	COHEN ADDAD, JEAN-PIERRE	2,472,087	DAVIES, MARK	2,471,767
CHAMBERS, ROBERT JAMES	2,471,646	COHEN, RAKEFET	2,471,715	DAVIS, ANDREW THOMAS	2,470,881
CHAN, PETER	2,472,244	COINSTAR, INC.	2,472,487	DAVIS, JAMES E.	2,471,855
CHANAY, ADAM	2,471,634	COISH, PHILIP	2,471,885	DAVIS, REGINALD J.	2,472,219
CHANG, CHIEN-HSING KEN	2,471,868	COISH, PHILLIP	2,471,880	DAWSON, DAVID A.	2,471,382
CHAO, ANTHONY C.	2,471,096	COLE, DAVID J.	2,472,005	DE BAETSELIER, PATRICK	2,472,174
CHAO, JIANHUA	2,472,165	COLEMAN, ROBERT ALEXANDER	2,472,763	DE BOER, BERND	2,471,645
CHAO, JIAPING	2,472,165	COLLGARD BIOPHARMACEUTICALS LTD.		DE CLERK, ERIK	2,472,185
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CHAPMAN, GREGORY J.	2,470,850	COMBILIFT RESEARCH & DEVELOPMENT LIMITED	2,471,097	DE LUCA, GIAMPIERO	2,470,837
CHAPPA, RALPH A.	2,471,103	COMMSCOPE, INC. OF NORTH CAROLINA	2,472,334	DE POTZOLLI, BERND	2,471,586
CHAREST, PATRICK	2,471,395	COMPASS MARINE DEVELOPMENTS LIMITED	2,467,823	DEAN, RICHARD F.	2,472,033
CHARNY, ANNA	2,472,044	CONOCOPHILIPS COMPANY	2,472,250	DECKMAN, DOUGLAS EDWARD	2,467,822
CHATTERJEE, ANIRUDDHA	2,472,519	CONOCOPHILLIPS COMPANY	2,471,832	DECKMAN, DOUGLAS EDWARD	2,471,886
CHEN, JIABING	2,472,188	CONROY, JEFFREY	2,471,489	DECKMAN, DOUGLAS EDWARD	2,472,305
CHEN, JINSHAN	2,471,880	CONROY, JOHN F.	2,471,842	DEDE, KARSTEN	2,471,776
CHEN, JINSHAN	2,471,885	CONSTANTINESCU, EUGEN	2,472,096	DEFENSE GROUP INC.	2,471,372
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DEKA PRODUCTS LIMITED PARTNERSHIP	2,472,071	ECKEL, JACOB ECKERMAN, SCOTT	2,471,830 2,471,482	MAURIZIO IANNUCCI FABCON, INC.	
DELCHECCOLO, MICHAEL J. DELL'UOMO, NATALINA DELL'UOMO, NATALINA	2,466,087 2,472,209 2,472,223	EDDY, DAVID EDGEITT, KEITH EDWARDS LIFESCIENCES CORPORATION	2,470,733 2,472,006 2,465,923	FABRISTEEL PRODUCTS INCORPORATED FACHINGER, VOLKER	
DELWARE CAPITAL FORMATION, INC. DEMPSTER, PHILIP T. DENES, LASZLO DENKINGER, PETER DESHPANDE, PRAMOD NARAYAN	2,471,526 2,471,944 2,471,752 2,472,035 2,471,310 2,471,939 2,471,942	EDWARDS LIFESCIENCES CORPORATION EDWARDS, D. CRAIG EIKOS, INC. EKMAN-ORDEBERG, GUNVOR ELGNER, ROGER ELLARD, JAMES CARL ELLIPTEC RESONANT ACTUATOR AKTIENGESELLSCHAFT	2,471,197 2,466,276 2,471,842 2,472,093 2,471,535 2,472,259 2,472,104	FAGAN, RICHARD JOSEPH FAGAN, RICHARD JOSEPH FAIRCLOUGH, COLETTE MARIE FAKTOR, OURIEL FALSAFI, AFSHIN FANNIE MAE FANNIE MAE FARER, RAOUL FARLEY, BRIAN FEDDERSEN, LORENZ FEISTNER, HANS-JOACHIM	
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FUHR, GUENTHER	2,472,002	GIRAUT, CHRISTEL	2,471,895	HALL, RONALD W.
FUJISAWA PHARMACEUTICAL CO., LTD.	2,471,348	GITTINGS, DAVE	2,471,842	HALL, WARREN
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FURUYA, SHUICHI	2,471,754	GOLIATH LLC	2,467,855	HAMMER, JOCHEN
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HOGREFE, HOLLY	2,471,473	INTERDIGITAL TECHNOLOGY CORPORATION		JUMPPANEN, JUHO	2,472,246
HOHNEKER, JOHN ARTHUR	2,471,509	INTERDIGITAL TECHNOLOGY CORPORATION		JUNG, BIRGIT	2,472,293
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HOLLEMAN, TIMOTHY W.	2,472,218	INTERDIGITAL TECHNOLOGY CORPORATION		K. W. MCCARTHY & PARTNERS PTY LTD	2,471,905
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HONEYWELL INTERNATIONAL INC.	2,466,518	INTERNATIONAL BUSINESS MACHINES		KALE, ZEB LEONARD	2,470,733
HONEYWELL INTERNATIONAL INC.	2,470,850	CORPORATION		KALISZEK, ANDREW	2,467,823
HONEYWELL INTERNATIONAL INC.	2,471,770	INTERNATIONAL BUSINESS MACHINES	2,471,584	KAMBAYASHI, JUN-ICHI	2,471,846
HONEYWELL INTERNATIONAL INC.	2,471,864	CORPORATION		KAMINO, ROBERT SENJI	2,467,960
HONG, DOHY	2,466,314	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY,	2,471,594	KANEKO, JIRO	2,471,811
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HUANG, JUAN	2,467,833	ITURRALDE, CAROL	2,472,044	KHALAF, JOHN	2,472,337
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MEDTRONIC, INC.	2,471,850	MONTGOMERY, DAVID B.	2,467,833	NEUMANN, PETER THOMAS	2,472,120
MEDTRONIC, INC.	2,472,025	MONTICELLO, MICHAEL VINCENT	2,472,142	NEW SYSTEM S.R.L.	2,472,100
				NGUYEN, VU A.	2,471,759
				NIEDZWIECKI, ALEKSANDRA	2,471,932
				NIELAND, JOHN	2,466,530
				NIPPON LIGHT METAL COMPANY, LTD.	2,471,815
				NIR, ZOHAR	2,467,056

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NISHIDA, RYOICHI	2,471,603	OTSUKA PHARMACEUTICAL CO., LTD.	2,471,846	PFIZER INC.	2,472,239
NISHIHASHI, YOICHIRO	2,471,751	OVERHULTZ, GARY L.	2,467,855	PFIZER PRODUCTS INC.	2,471,646
NISHIMOTO, TSUYOSHI	2,471,815	OXFORD, ALEXANDER		PFIZER PRODUCTS INC.	2,472,028
NISHIMURA, TORU	2,471,823	WILLIAM	2,472,763	PFIZER PRODUCTS INC.	2,472,205
NISHINO, HITOSHI	2,471,603	OXMAN, JOEL D.	2,471,776	PFIZER PRODUCTS INC.	2,472,331
NISSINEN, VILHO	2,472,307	PACIFIC CORPORATION	2,472,237	PFRENGLE, WALDEMAR	2,471,755
NOKIA CORPORATION	2,472,000	PACIFIC CORPORATION	2,472,242	PHAN, BRIGITTE CHAU	2,468,245
NOKIA CORPORATION	2,472,013	PAGANELLI, GIOVANNI	2,472,777	PHARMACIA AB	2,471,906
NOKIA CORPORATION	2,472,243	PALIYATH, GOPINADHAN	2,471,999	PHARMACIA CORPORATION	2,470,912
NORLIN, CARL-OLOF	2,471,613	PALL CORPORATION	2,472,516	PHARMACIA CORPORATION	2,471,951
NORMAN, DALE	2,471,614	PALOMBINI, GUGLIELMO	2,471,543	PHARMACIA CORPORATION	2,472,168
NORTEL NETWORKS LIMITED	2,472,336	PAN, FENG	2,471,708	PHARMACIA ITALIA SPA	2,471,910
NOVARTIS AG	2,471,509	PAOLUCCI, DORA M.	2,471,014	PHARMACIA ITALIA SPA	2,472,008
NOVARTIS AG	2,471,856	PAPADOPOULAS, JEREMY	2,471,612	PHARMACOPEIA, INC.	2,472,165
NOVARTIS AG	2,471,883	JAMES MICHAEL		PHARMAGENE	
NOVARTIS AG	2,471,964	PAPER CONVERTING	2,471,612	LABORATORIES LIMITED	2,472,763
NOVARTIS AG	2,471,974	MACHINE COMPANY	2,471,612	PHELPS, ANDREW WELLS	2,472,069
NOVARTIS AG	2,472,198	PAPER CONVERTING		PHELPS, CHRISTOPHER	
NOVARTIS AG	2,472,399	MACHINE COMPANY	2,472,182	BENJAMIN	2,471,297
NOVARTIS AG	2,472,782	PARIKH, JAY	2,471,855	PHELPS, CHRISTOPHER	
NOVOTNY, JOSEPH	2,470,849	PARK, HAM YONG	2,472,242	BENJAMIN	2,471,306
NOWLIN, THOMAS E.	2,466,612	PARK, JIN WOO	2,472,237	PHILLIPS, JENNIFER	
NUN, EDWIN	2,472,181	PARK, SUNG WON	2,472,443	ELIZABETH	2,472,254
NUOVO PIGNONE HOLDING S.P.A.	2,471,654	PARK, YONG CHEOL	2,471,523	PHYSICA S.A.R.L.	2,472,124
NURMI, JUHA	2,472,246	PARKER, ANDREW PHILIP	2,471,623	PICARD, WAYNE DAVID	2,472,172
NUZZI, JOSEPH P.	2,471,799	PARKER, JOHN M.	2,471,824	PICCARDI, NATHALIE	2,472,121
NXCO INTERNATIONAL LIMITED	2,471,460	PARKER, MICHAEL F.	2,471,099	PICCIRILLI, ANTOINE	2,472,121
NXCO INTERNATIONAL LIMITED	2,471,716	PARRIS, JUANITA	2,471,930	PICHAI, SRINIVASAN	2,471,855
NXCO INTERNATIONAL LIMITED	2,472,129	PARRISH, JAMES K.	2,471,725	PICHE, JOSEPH W.	2,471,842
NYE, S. CURTIS	2,471,433	PARSONS, NATAN E.	2,471,734	PIEPER, MICHAEL P.	2,472,149
OAKWOOD ENERGY MANAGEMENT, INC.	2,472,045	PASSONI, GIUSEPPE	2,471,798	PIERCE, MICHAEL J.	2,467,824
OBUKOWICZ, MARK G.	2,472,168	PATTENDEN, CHRISTOPHER	2,471,835	PIERCE, PHILLIPPI R.	2,467,792
OCHEA, CARIOS, M.	2,466,109	PAUL, BRAJESWAR	2,471,988	PIERCE, RICHARD F.	2,472,196
OCKERSE, HAROLD C.	2,472,117	PAULEY, WILLIAM E.	2,471,507	PIERRE FABRE MEDICAMENT	2,470,545
O'CONNOR, KEVIN	2,467,960	PAWLUCZYK, ROMUALD	2,471,583	PIETIKAINEN, REJO	2,472,307
O'CONNOR, TIM	2,471,772	PAX SCIENTIFIC, INC.	2,471,816	PIETRANTONI, DENNIS P.	2,472,525
O'CONNOR, TIMOTHY	2,472,451	PAX SCIENTIFIC, INC.	2,471,818	PILAKOUTAS, KYPROS	2,471,608
OHANA, NISSIM	2,472,059	PEARSON, JOHN BARRINGTON	2,472,247	PINES, MARK	2,472,160
OHASHI, NORIHIRO	2,471,823	PECHINEY EMBALLAGE		PISARIS-HENDERSON, CRAIG	
OHGEN RESEARCH LABORATORIES LTD.	2,472,335	FLEXIBLE EUROPE	2,471,956	ALLEN	2,472,100
OHKAWA, SHIGENORI	2,471,531	PECHINEY PLASTIC		PITTET, PIERRE-ANDRE	2,472,021
OHNISHI, TOMOYUKI	2,472,133	PACKAGING INC.	2,472,047	PLADDY, CHRISTOPHER J.	2,471,626
OHTANI, KATSUKI	2,472,438	PECK, DICK	2,472,300	PLASCHKA, REINHARD	2,472,020
OKIMI, KATSUHIDE	2,471,603	PEDERSEN, KENT	2,472,000	PLAYTEX PRODUCTS, INC.	2,472,006
OLES, MARKUS	2,472,181	PELLETIER, FRANCOIS	2,472,013	PLIKAT, CLAUDIA	2,472,070
OLMSTEAD, KAY	2,472,103	PELLETIER, JACQUES	2,472,106	POHL, GERALD	2,472,149
OLSON, STEWART A.	2,472,251	PELLICONI, ANTEO	2,470,446	POLLARD, CHRISTOPHER A.	2,465,059
OMDAHL, RANDALL J.	2,472,091	PEM MANAGEMENT, INC.	2,467,812	POLYNKIN, PAVEL G.	2,471,553
ONSTOTT, JAMES R.	2,472,043	PEPIN, PHILIPPE	2,472,011	POON, WANG PAUL	2,472,522
ONSTOTT, JAMES R.	2,472,053	PERCY, R. CAMERON	2,472,106	POPPE, GEORGE B.	2,472,099
OONO, KIYOHARU	2,472,233	PERCY, ROGER D.	2,471,710	PORTER, TINA	2,471,854
ORBUŠ MEDICAL TECHNOLOGIES INC.	2,472,031	PERKOWSKI, RANDY M.	2,471,710	POSNER, MARI F.	2,466,517
ORCHID CHEMICALS AND PHARMACEUTICALS LIMITED	2,471,310	PERLMUTTER, KEREN O.	2,472,068	POSNIAK, ANTON	2,472,523
ORRILL, SUSAN LEE	2,472,205	PERLMUTTER, SHARON M.	2,472,524	POTTS, BRIAN	2,472,064
ORSONI, SANDRINE	2,466,321	PERMUT, RON M.	2,465,059	POWER, CHRISTINE	2,471,297
OSAKA GAS COMPANY LIMITED	2,471,603	PERRE, CHAD M.	2,471,956	POWER, CHRISTINE	2,471,306
OSBORNE, JOHN H.	2,472,225	PERRIER, MICHEL	2,471,395	POWERS, SCOTT	2,471,465
OSI PHARMACEUTICALS, INC.	2,471,098	PESSOTTO, POMPEO	2,472,209	PPG INDUSTRIES OHIO, INC.	2,471,094
OTSUKA CHEMICAL CO., LTD.	2,471,741	PESSOTTO, POMPEO	2,472,223	PPG INDUSTRIES OHIO, INC.	2,471,522
		PESTEL, SABINE	2,472,149	PPG INDUSTRIES OHIO, INC.	2,471,739
		PETERSEN, MICHAEL	2,472,162	PRECISION COMBUSTION, INC.	2,472,489
		PETYR, STEFAN	2,471,601	PRESCOTT, MARGARET	
		PETTERSSON, ROLAND	2,471,508	FORNEY	2,472,198
		PETTIS, RONALD J.	2,471,493	PREVOST, GREGOIRE	2,471,713
		PFANNKUCHE, HANS-JUERGEN	2,471,964	PRIMEPAK PTY LTD.	2,472,145
		PFEFFERLE, WILLIAM C.	2,472,489	PRION DEVELOPMENTAL	
		PFIZER INC.	2,472,238	LABORATORIES, INC.	2,467,082
				PROTEMIX CORPORATION	
				LIMITED	2,471,833

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PUCHAULT, GERARD	2,470,447	COMMUNICATIONS, LLC	2,472,304	SATO, MASA-AKI	2,471,746
PUESCHNER, HUBERT	2,472,293	ROAD RUNNER	2,471,878	SAUER, RALF	2,471,350
PURI, RAJ	2,466,443	ROBERT BOSCH GMBH	2,471,728	SAUERBIER, CHARLES E.	2,470,714
PYNTIKOV, ALEXANDER	2,475,270	ROBERTS, BRYAN	2,472,204	SCATES, MARK O.	2,472,172
QIU, YANPING	2,466,455	ROBERTS, SIMON VINCENT		SCAVONE, TIMOTHY ALAN	2,472,267
QUALCOMM INCORPORATED	2,467,822	HARBY	2,472,046	SCHALL, NORBERT	2,471,597
QUALCOMM INCORPORATED	2,467,905	ROBERTSON, LAWRENCE V., III	2,471,725	SCHARDT, CRAIG R.	2,472,043
QUALCOMM INCORPORATED	2,472,522	ROCABAYERA BONVILA, XAVIER	2,471,896	SCHARDT, CRAIG R.	2,472,053
QUALCOMM INCORPORATED	2,473,943	RODRIGUEZ, ARTURO A.	2,472,244	SCHAUER, THADEUS	2,471,597
QUATTROPANI, ANNA	2,469,042	ROECKER, DAVID W.	2,465,059	SCHECHTER, DORIS	2,471,904
QUESTAIR TECHNOLOGIES, INC.	2,471,587	ROGERS, IAN	2,470,707	SCHEIBEL, JEFFREY JOHN	2,471,591
QUILTER, TIMOTHY JOHN	2,471,922	ROGERS, ROBIN D.	2,471,962	SCHERER, RONALD J.	2,472,224
RADIANT HOLDINGS, LLC	2,471,853	ROJANSKY, MICHAEL J.	2,471,316	SCHERER, SCOTT	2,472,487
RAE, DAVID CLOUSTON	2,472,100	ROKE MANOR RESEARCH LIMITED	2,471,922	SCHERING CORPORATION	2,472,165
RAINES, FRANKLIN D.	2,471,939	ROSE, FLOYD, D.	2,471,851	SCHIAVINA, ANNALISA	2,472,183
RAINES, FRANKLIN D.	2,471,942	ROSE, PETER ROBERT	2,472,205	SCHIESTEL, THOMAS	2,471,920
RALL, WERNER	2,471,755	ROSS, JOSEPH M.	2,467,792	SCHLESSINGER, LEONARD	2,470,733
RAMSDELL, SHANE M.	2,472,070	ROSSEAU, PATRICK	2,471,950	SCHLUETER, ANETTE	2,471,906
RAMSEY, JOHN E.	2,467,792	ROSSI, EDMUND	2,471,868	SCHLUMBERGER CANADA LIMITED	2,471,340
RAMSTROEM, MIKAEL	2,471,508	ROSSITER, SHANE P.	2,472,526	SCHMIDT, HARTMUT	2,471,730
RANNARD, STEVEN	2,471,623	ROTHERMEL, JOHN DAVID	2,471,509	SCHMITT, JEAN	2,469,097
RASMUSSEN, NEIL	2,471,689	ROTTER, TERENCE M.	2,471,937	SCHMITZ, JOHANN	
RATH, MATTHIAS	2,471,932	ROUDESKI, CHARLES A.	2,466,518	BURKHARD	2,472,070
RAVANKO, VILI	2,472,246	ROUSSEAU, ALAIN	2,467,050	SCHMOKER, SUZANNE M.	2,470,418
RAVID, GUY	2,472,523	ROWLAND, STEPHEN M.	2,472,031	SCHNEIDER, WARREN M.	2,467,792
RAY, RODERICK JACK	2,472,028	ROYCHOUDHURY, SUBIR	2,472,489	SCHOENBLUM, JOEL	2,472,074
RAY, STEVEN J.	2,472,271	RUCKER, DONALD W.	2,471,747	SCHOLZ, REINHARD	2,472,210
RAYTHEON COMPANY	2,466,087	RUDOLPH, JAMES E., JR.	2,472,516	SCHON, HELMUT	2,472,179
RDP ASSOCIATES, INCORPORATED	2,471,710	RUMMAKKO OY	2,472,311	SCHRODER, HARRY	2,472,218
READ, DAVID M.	2,472,039	RUPP, STEFFEN	2,471,920	SCHROEDER, FRED	2,472,337
RECKITT BENCKISER INC.	2,472,142	RUSHINSKY, JOHN J.	2,470,850	SCHUEZ, TRAUTGOTT CHRISTOPH	2,471,749
REDDY, RAMANA G.	2,471,962	RUSSELL, MARK E.	2,466,087	SCHULER, DIETER A.	2,472,104
REEVES, WILLIAM G.	2,470,517	RUTHERS, TRISTAN	2,472,106	SCHULER, WALTER	2,472,198
REGATH HB	2,471,613	RUTSCHILLING, CHARLES G.	2,466,330	SCHULTZ, DENNIS	2,472,095
REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,471,947	RUTTEN, JEAN J.	2,472,025	SCHURZKY, KENNETH G.	2,466,612
REGISTER, ARTHUR FREDERICK JR.	2,472,195	RUVINSKY, EDDIE	2,471,855	SCHUSTER, INGO	2,471,481
REICHELT, HELMUT	2,471,344	RYAN, DOUGLAS	2,472,346	SCHUURKES, JOANNES ADRIANUS JACOBUS	2,471,729
REICHL, RICHARD	2,472,149	SACKSTEIN, ROBERT	2,471,988	SCHWALM, GUNTER	2,471,620
REICHOLD, KURT A.	2,472,192	SADR, CHANGIZE	2,471,535	SCHWARZ, MATTHIAS	2,469,042
REID, THOMAS J.	2,471,945	SAES GETTERS S.P.A.	2,472,780	SCHWOEGLER, BRUCE	2,472,187
REID, THOMAS J.	2,472,191	SAFADI, REEM	2,471,888	SCIARRONI, ANNA, FLORIANA	2,472,223
REINHEIMER, HORST ALFRED	2,472,519	SAGRES DISCOVERY	2,471,840	SCIENTIFIC ATLANTA INC.	2,472,074
RENCK, LAWRENCE	2,466,455	SAHADI, ROBERT J.	2,471,939	SCIENTIFIC-ATLANTA, INC.	2,472,244
RESCH, BRADLEY STEVEN	2,472,254	SAHADI, ROBERT J.	2,471,942	SCIMED LIFE SYSTEMS, INC.	2,467,990
RESEARCH DEVELOPMENT FOUNDATION	2,470,920	SAITO, MAKIKO	2,471,823	SCIMED LIFE SYSTEMS, INC.	2,471,514
RESEARCH IN MOTION LIMITED	2,471,831	SAITO, MASANORI	2,471,943	SCIMED LIFE SYSTEMS, INC.	2,471,941
RESEARCH IN MOTION LIMITED	2,471,835	SAKAMOTO, TAKASHI	2,472,438	SCIMED LIFE SYSTEMS, INC.	2,472,012
RETTKER, JAMES P.	2,467,912	SAKURATECH CO., LTD.	2,471,765	SCOTT LABORATORIES, INC.	2,472,098
REVETS, HILDE	2,471,645	SALFLEX POLYMERS LTD.	2,471,535	SCOTT TECHNOLOGIES, INC.	2,472,525
REX MEDICAL, L.P.	2,467,918	SAMPARA, KARL	2,471,583	SEALY TECHNOLOGY LLC	2,471,977
REXNORD CORPORATION	2,472,251	SAMUELS, GARY B.	2,472,037	SEDER, EDMUND V.	2,471,854
RHOdia CHIMIE	2,471,416	SANDERS, BOB G.	2,470,920	SEDLOV, TANYA	2,467,056
RIBOLOFF, JOHN THOMAS	2,471,851	SANDSTROEM, LARS	2,471,508	SEGUER BONAVENTURA, JOAN	
RICH, ARTHUR F.	2,472,099	SANER, HARALD	2,471,843	SEIFERT, DEAN A.	2,471,896
RICH, CHRISTOPHER	2,471,778	SANSALONE, JOHN J.	2,472,058	SEIFERT, DEAN A.	2,471,773
RICH, GERARD	2,472,315	SANTANA, ROBERT L.	2,466,612	SEIFERT, DEAN A.	2,472,493
RICHLEN, SANDRA A.	2,470,418	SANTARUS, INC.	2,472,103	SETTELL, DANA MARIE	2,472,028
RICHTER-FRIIS, TINE	2,471,097	SANTHARAM, ARUN	2,472,327	SETTI, LINA QUATTROCCHIO	2,471,265
RIES, ANDREW J.	2,472,218	SANTOSUSSO, JOHN MATTHEW	2,471,584	SHAARPOUR, MANO	2,472,090
RIKEN	2,472,202	SARSTEDT AG & CO.	2,467,962	SHARMA, MOHESWAR	2,471,988
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		SARTORIUS, UTE	2,466,530	SHELESTAK, LARRY J.	2,471,522
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				SHERRATT, MICHAEL	2,472,322

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SHIINA, HIROSHI	2,471,815	SONOCO DEVELOPMENT, INC.	2,466,455	SUTTI, RISTO	2,472,307
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SIEMENS ENERGY & AUTOMATION, INC.	2,472,018	SPIEGELBERG, STEPHEN H.	2,471,771	SYNGENTA LIMITED	2,471,749
SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION	2,471,747	SPIN MASTER LTD.	2,471,482	SYNGENTA PARTICIPATIONS AG	2,471,749
SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION	2,471,858	SPINAL CONCEPTS INC.	2,471,382	SYNGENTA PARTICIPATIONS AG	2,471,859
SIEMENS MOBILE COMMUNICATIONS S.P.A.	2,471,991	SPIRATION, INC.	2,472,157	SYNTHES (U.S.A.)	2,471,843
SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG	2,471,345	SPITAELS, JAMES	2,471,689	SYSTELIA TECHNOLOGIES S.A.	2,469,920
SIERRA WIRELESS, INC.	2,471,908	SPRINT SPECTRUM, L.P.	2,472,327	SYVERSON, DAIDRE L.	2,471,487
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SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE, S.P.A.	2,472,777	STANLEY, PAUL DAVID	2,471,749	TAGA, YUTAKA	2,471,811
SILVER, H. WARD	2,466,276	STARION INSTRUMENTS CORPORATION	2,472,521	TAJIMI, MASAOMI	2,471,236
SIMDESK TECHNOLOG, INC.	2,471,722	STAROBIN, JOSEPH M.	2,471,655	TAKAHASHI, HIDEKI	2,471,531
SIMON-TRUNCELLITO, JEANNETTE	2,471,930	STEELE, JOHN	2,472,238	TAKAIWA, FUMIO	2,472,233
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SMALL, DAVID	2,471,482	STEGER, MATTHIAS	2,471,620	TAKESHITA, KEISUKE	2,471,847
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SMITH, DOREEN	2,471,933	STERMLARSEN, TRUELS	2,471,097	TARO PHARMACEUTICALS U.S.A., INC.	2,471,646
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SMITH, ROGER	2,471,885	STOCKS, MICHAEL	2,472,204	TASSONI, EMANUELA	2,471,825
SMITH, WARREN F.	2,472,489	STODOLSKY, DANIEL	2,471,855	TASSONI, EMANUELA	2,472,209
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