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# Canadian Patent Office Record

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Canada



# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
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'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [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 méga-octets qui excède 7 méga-octets, 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

2,269,544  
2,279,051  
2,311,433  
2,315,147  
2,338,427

### 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.

2,269,544  
2,279,051  
2,311,433  
2,315,147  
2,338,427

## Avis

2,345,434  
2,408,184

2,345,434  
2,408,184

### 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

1. <b>Transmittal Fee</b> (Rule 14)	<b>\$300</b>
2. * <b>International Filing Fee</b> (Rule 15.2(a))	<b>\$1489</b>
Amount for each additional sheet over 30	<b>\$16</b>
3. <b>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. <b>Handling Fee</b> (Rule 57.2(a))	<b>\$213</b>
7. <b>Preliminary Examination Fee</b> (Rule 58)	<b>\$800</b>

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 MATIÈRE DE BREVETS (PCT)

#### BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004

1. <b>Taxe de transmission</b> (Règle 14)	<b>300 \$</b>
2. * <b>Taxe de dépôt internationale</b> (Règle 15.2(a))	<b>1489 \$</b>
Montant pour chaque feuille au delà de 30	<b>16 \$</b>
3. <b>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. <b>Taxe de traitement</b> (Règle 57.2(a))	<b>213 \$</b>
7. <b>Taxe d'examen préliminaire</b> (Règle 58)	<b>800 \$</b>

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examen Préliminaire Internationale 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.

## 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

Veillez 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

## Notices

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'existent 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 statutaire)
- 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 précédant 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. Canadian Applications Open to Public Inspection**

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

### **14. Demandes Canadiennes mises à la disponibilité du public**

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

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[73] SENTAGE CORPORATION, US  
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[72] GAL, ELI, US  
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[72] HIPKISS, ALAN R., GB  
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[54] **WOUND DRESSING SYSTEM**  
[54] **SYSTEME DE PANSEMENT**  
[72] CUMMINGS, GARY WAYNE, US  
[72] CUMMINGS, ROBERT, US  
[73] PATENT HOLDINGS, L.L.C., US  
[85] 1994-04-22  
[86] 1992-08-27 (PCT/US1992/007048)  
[87] (WO1993/007841)  
[30] US (780,619) 1991-10-23

[11] **2,126,004**  
[13] C  
[51] **Int.Cl. 5F21P 1/00 5F21S 1/02 5F21S 1/10 5F21S 1/14**  
[25] EN  
[54] **SPORTS LIGHTING LUMINAIRE HAVING LOW GLARE CHARACTERISTICS**  
[54] **APPAREIL D'ECLAIRAGE POUR ENDROITS DE SPORTS, PRESENTANT DE BONNES QUALITES ANTI-EBLOUISSEMENT**  
[72] BALDWIN, SAMUEL L., US  
[72] FREYTAG, WILLIAM D., US  
[72] OSTEEEN, MITCHELL M., US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1994-06-16  
[30] US (08/079,663) 1993-06-18

[11] **2,126,072**  
[13] C  
[51] **Int.Cl. 5C07D 213/30 5C07D 237/08 5A61K 31/09 5C07D 215/14 5C07D 217/16 5C07D 333/16 5C07C 43/235 5C07D 239/24 5A61K 31/33 5C07D 207/333 5C07C 205/35 5C07D 307/42**  
[25] EN  
[54] **TRI-SUBSTITUTED PHENYL DERIVATIVES AND PROCESSES FOR THEIR PREPARATION**  
[54] **DERIVES PHENYL TRISUBSTITUES ET METHODES DE PREPARATION**  
[72] BOYD, EWAN CAMPBELL, GB  
[72] EATON, MICHAEL ANTHONY WILLIAM, GB  
[72] WARRELOW, GRAHAM JOHN, GB  
[73] CELLTECH THERAPEUTICS LIMITED, GB  
[85] 1994-06-16  
[86] 1993-10-22 (PCT/GB1993/002182)  
[87] (WO1994/010118)  
[30] GB (9222253.8) 1992-10-23

[11] **2,128,103**  
[13] C  
[51] **Int.Cl. 5A61K 31/20 5A61K 9/127**  
[25] EN  
[54] **FORMULATION AND USE OF CAROTENOIDS IN TREATMENT OF CANCER**  
[54] **FORMULATION ET UTILISATION DE CAROTENOIDES DANS LE TRAITEMENT DU CANCER**  
[72] MEHTA, KAPIL, US  
[72] PEREZ-SOLER, ROMAN, US  
[72] LOPEZ-BERESTEIN, GABRIEL, US  
[72] LENK, ROBERT P., US  
[72] HAYMAN, ALAN C., US  
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS, US  
[73] ARONEX PHARMACEUTICALS, INC., US  
[85] 1994-07-14  
[86] 1993-01-13 (PCT/US1993/000233)  
[87] (WO1993/013751)  
[30] US (07/822,055) 1992-01-16

[11] **2,128,188**  
[13] C  
[51] **Int.Cl. 5C03B 37/018 5G02B 6/00 5B01D 1/00**  
[25] EN  
[54] **GAS PRODUCING APPARATUS AND METHOD AND APPARATUS FOR MANUFACTURING OPTICAL WAVEGUIDE AND OPTICAL FIBER PREFORM**  
[54] **APPAREIL GAZOGENE ET METHODE ET APPAREIL DE FABRICATION DE GUIDES DE LUMIERE ET DE PREFORMES DE FIBRES OPTIQUES**  
[72] SAITO, MASAHIDE, JP  
[72] KANAMORI, HIROO, JP  
[72] URANO, AKIRA, JP  
[72] KOGO, TAKASHI, JP  
[72] HIROSE, CHISAI, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1994-07-15  
[30] JP (181500/1993) 1993-07-22  
[30] JP (152222/1994) 1994-07-04

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[11] **2,129,421**  
[13] C

[51] **Int.Cl. 5A61B 17/32 5A61B 17/00**  
[25] EN  
[54] **SURGICAL INSTRUMENT**  
[54] **INSTRUMENT CHIRURGICAL**  
[72] AGEE, JOHN M., US  
[72] KING, FRANCIS C., US  
[72] ROMANKO, KIMBERLY A., US  
[72] TURGEON, THOMAS A., US  
[72] FLOR, LAWRENCE A., US  
[72] MITTELSTADT, WILLIAM A., US  
[73] MICROAIRE SURGICAL  
INSTRUMENTS, INC., US  
[73] AGEE, JOHN M., US  
[85] 1994-08-03  
[86] 1993-02-18 (PCT/US1993/001439)  
[87] (WO1993/016649)  
[30] US (07/838,532) 1992-02-19

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[11] **2,129,684**  
[13] C

[51] **Int.Cl. 5B60D 1/00 5B62D 13/00**  
**5B62D 53/00**  
[25] EN  
[54] **METHOD OF AND APPARATUS**  
**FOR CONNECTING A TRAILER WITH**  
**A RIGID DRAWBAR AND AT LEAST**  
**ONE CENTRALLY POSITIONED AXLE**  
**TO A TOW VEHICLE**  
[54] **METHODE ET DISPOSITIF POUR**  
**ATELER UNE REMORQUE POURVUE**  
**D'UNE BARRE DE TRACTION RIGIDE**  
**ET D'AU MOINS UN ESSIEU CENTRAL**  
[72] KEITH, PETER G., CA  
[73] KEITH, PETER G., CA  
[22] 1994-08-05  
[30] US (08/105,290) 1993-08-10

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[11] **2,133,949**  
[13] C

[51] **Int.Cl. 5B01F 15/06**  
[25] EN  
[54] **COUNTERFLOW DRUM MIXER**  
**FOR MAKING ASPHALTIC**  
**CONCRETE AND METHODS OF**  
**OPERATION**  
[54] **TAMBOUR-SECHEUR-**  
**ENROBEUR A ECOULEMENT A**  
**CONTRE-COURANT, SERVANT A**  
**FABRIQUER DU BETON**  
**ASPHALTIQUE, ET METHODES**  
**D'EXPLOITATION CONNEXES**  
[72] BRASHEARS, DAVID F., US  
[73] GENCOR INDUSTRIES, INC., US  
[22] 1994-10-20  
[30] US (08/166,030) 1993-12-14

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[11] **2,134,047**  
[13] C

[51] **Int.Cl. 5B01J 35/02 5C10G 45/00**  
[25] EN  
[54] **MIX VOID CATALYST PARTICLE**  
**SYSTEM**  
[54] **SYSTEME DE PARTICULE POUR**  
**CATALYSEUR SOUS VIDE MIXTE**  
[72] BARTHOLDY, JESPER, DK  
[73] HALDOR TOPSOE A/S, DK  
[22] 1994-10-21  
[30] DK (1219/93) 1993-10-28

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[11] **2,134,065**  
[13] C

[51] **Int.Cl. 5C10M 137/10**  
[25] EN  
[54] **GREASE COMPOSITIONS**  
[54] **COMPOSITIONS DE GRAISSE**  
[72] WIGGINS, GARY W., US  
[72] KONZMAN, EDWARD J., US  
[72] VINCI, JAMES N., US  
[72] TODD, PATRICIA R., US  
[73] THE LUBRIZOL CORPORATION, US  
[22] 1994-10-21  
[30] US (142,583) 1993-10-25

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[11] **2,134,686**  
[13] C

[51] **Int.Cl. 5B26D 1/09 5B26D 7/06**  
[25] EN  
[54] **PRODUCT LENGTH CONTROL**  
**SYSTEM**  
[54] **APPAREIL DE CONTROLE DE LA**  
**LONGUEUR DE PRODUITS EN**  
**DEFILEMENT CONTINU**  
[72] PIKE, GAYLE B., US  
[73] J.R. SIMPLOT COMPANY, US  
[85] 1994-10-28  
[86] 1994-03-11 (PCT/US1994/002592)  
[87] (WO1994/020270)  
[30] US (08/029,560) 1993-03-11

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[11] **2,136,502**  
[13] C

[51] **Int.Cl. 5G05D 23/19**  
[25] EN  
[54] **THERMOSTAT WITH**  
**SELECTABLE TEMPERATURE**  
**SENSOR INPUTS**  
[54] **THERMOSTAT AVEC CAPTEURS**  
**THERMIQUES SELECTABLES**  
[72] UHRICH, DANIEL T., US  
[73] HONEYWELL INC., US  
[22] 1994-11-23  
[30] US (08/168,345) 1993-12-17

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[11] **2,139,102**  
[13] C

[51] **Int.Cl. 5G05B 19/04**  
[25] EN  
[54] **ELECTRONIC CONTROL**  
**APPARATUS**  
[54] **DISPOSITIF DE CONTROLE**  
**ELECTRONIQUE**  
[72] VIVERS, PETER, GB  
[73] ALSTOM UK, GB  
[85] 1994-12-23  
[86] 1994-04-27 (PCT/GB1994/000901)  
[87] (WO1994/025906)  
[30] GB (9308656.9) 1993-04-27

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[11] **2,143,626**  
[13] C

[51] **Int.Cl. 6C08J 3/205**  
[25] EN  
[54] **LUBRICANT-CONTAINING**  
**PELLETS OF THERMOPLASTICS**  
**PROCESS FOR PREPARING SAME**  
**AND USE THEREOF**  
[54] **GRANULES EN**  
**THERMOPLASTIQUE CONTENANT**  
**UN LUBRIFIANT; METHODE DE**  
**FABRICATION ET UTILISATIONS DE**  
**CES GRANULES**  
[72] MICHELS, KLAUS JOSEF MARIA,  
DE  
[72] PAGILAGAN, ROLANDO UMALI, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1995-02-28  
[86] 1993-08-31 (PCT/US1993/008004)  
[87] (WO1994/005432)  
[30] DE (P 42 29088.0) 1992-09-01

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[11] **2,143,670**  
[13] C

[51] **Int.Cl. 6C08K 13/02 6C08K 5/13  
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6C08K 5/524 6C08K 5/5393**  
[25] EN  
[54] **PROCESS FOR THE  
STABILIZATION OF AND STABILIZER  
MIXTURES FOR SINGLE-MATERIAL  
RECYCLED PLASTICS**  
[54] **MELANGES ET METHODE DE  
STABILISATION POUR MATIERES  
PLASTIQUES RECYCLEES A UN SEUL  
CONSTITUANT**  
[72] HOFFMANN, KURT, DE  
[72] HERBST, HEINZ, DE  
[72] PFAENDNER, RUDOLF, DE  
[72] SITEK, FRANCISZEK, CH  
[73] CIBA SPECIALTY CHEMICALS  
HOLDING INC., CH  
[85] 1995-03-01  
[86] 1993-09-14 (PCT/EP1993/002487)  
[87] (WO1994/007951)  
[30] CH (3010/92-6) 1992-09-25

[11] **2,143,805**  
[13] C

[51] **Int.Cl. 6C07C 237/46 6C07C 231/24**  
[25] EN  
[54] **PROCESS FOR THE  
PREPARATION AND PURIFICATION  
OF IODINATED CONTRAST AGENTS**  
[54] **PROCESSUS DE PREPARATION  
ET DE PURIFICATION D'AGENTS DE  
CONTRASTE IODES**  
[72] CANNATA, VINCENZO, IT  
[72] MERLI, VALERIANO, IT  
[72] DAL SANTO, CLAUDIO, IT  
[73] BRACCO IMAGING S.P.A., IT  
[22] 1995-03-02  
[30] IT (MI94A000378) 1994-03-03

[11] **2,143,858**  
[13] C

[51] **Int.Cl. 6C08K 13/02 6C08L 101/00  
6C08K 5/13 6C08K 3/22 6C08K 3/26  
6C08K 5/3492 6C08K 5/524 6C08K 5/5393**  
[25] EN  
[54] **PROCESS FOR THE  
STABILIZATION OF AND STABILIZER  
MIXTURES FOR RECYCLED PLASTIC  
MIXTURES**  
[54] **METHODE ET MELANGES POUR  
LA STABILISATION DE MATIERES  
PLASTIQUES RECYCLEES**  
[72] HOFFMANN, KURT, DE  
[72] HERBST, HEINZ, DE  
[72] PFAENDNER, RUDOLF, DE  
[72] SANDER, HANS JURGEN, DE  
[72] SITEK, FRANCISZEK, CH  
[73] CIBA SPECIALTY CHEMICALS  
HOLDING INC., CH  
[85] 1995-03-03  
[86] 1993-09-14 (PCT/EP1993/002485)  
[87] (WO1994/007950)  
[30] CH (3011/92-8) 1992-09-25

[11] **2,153,949**  
[13] C

[51] **Int.Cl. 6B60C 9/09 6B64C 25/36**  
[25] EN  
[54] **BIAS TIRE HAVING AN  
IMPROVED CROWN  
REINFORCEMENT ARRANGEMENT**  
[54] **PNEU A CARCASSE DIAGONALE  
A RENFORCEMENT AMELIORE DE  
SOMMET**  
[72] SOUTHAREWSKY, ALEX, US  
[73] MICHELIN RECHERCHE ET  
TECHNIQUE S.A., CH  
[22] 1995-07-14  
[30] US (08/275,694) 1994-07-15

[11] **2,155,343**  
[13] C

[51] **Int.Cl. 6C09K 17/00 6C01B 33/26**  
[25] EN  
[54] **CLAY-CONTAINING MIXTURE  
AND BLEND CAPABLE OF FORMING A  
MOISTURE RESISTANT GEL, AND USE  
OF THAT MIXTURE AND BLEND**  
[54] **MELANGE A BASE D'ARGILE  
SERVANT A LA PRODUCTION D'UN  
GEL RESISTANT A L'HUMIDITE ET  
USAGES CONNEXES**  
[72] LIBOR, OSZKAR, HU  
[73] TRISOPLAST INTERNATIONAL  
B.V., NL  
[85] 1995-08-02  
[86] 1994-01-25 (PCT/NL1994/000017)  
[87] (WO1994/018284)  
[30] HU (2960/93) 1993-02-03  
[30] HU (20361/93) 1993-07-16

[11] **2,159,885**  
[13] C

[51] **Int.Cl. 6H04N 7/64 6H04N 5/782**  
[25] EN  
[54] **ERROR-CORRECTION-CODE  
CODING & DECODING PROCEDURES  
FOR THE RECORDING &  
REPRODUCTION OF DIGITAL VIDEO  
DATA**  
[54] **CODAGE DE DONNEES VIDEO  
NUMERIQUES AVEC CORRECTION  
DES ERREURS A  
L'ENREGISTREMENT ET DECODAGE  
CONNEXE A LA LECTURE**  
[72] KIM, TAE-EUNG, KR  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 1995-10-04  
[30] KR (94-29595) 1994-11-11

[11] **2,161,396**  
[13] C

[51] **Int.Cl. 6F16L 55/46**  
[25] EN  
[54] **PIG INJECTOR**  
[54] **INJECTEUR EN FONTE BRUTE**  
[72] ELLETT, JAMES RICHARD, CA  
[73] ARGUS MACHINE CO. LTD., CA  
[22] 1995-10-25

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[11] **2,161,443**  
[13] C

[51] **Int.Cl. 6C01D 7/40 6A61K 33/00**  
[25] EN  
[54] **LARGE POTASSIUM BICARBONATE CRYSTALS AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **CRISTAUX DE BICARBONATE DE POTASSIUM DE GRANDE TAILLE ET METHODE DE PREPARATION**  
[72] ZUCCARELLO, WILLIAM, US  
[72] KURTZ, ANDREW D., US  
[72] KIRSCHNER, LAWRENCE, US  
[72] MARDER, HERMAN, US  
[73] CHURCH & DWIGHT CO., INC., US  
[85] 1995-10-25  
[86] 1994-05-06 (PCT/US1994/005017)  
[87] (WO1994/026664)  
[30] US (058,579) 1993-05-06

[11] **2,163,655**  
[13] C

[51] **Int.Cl. 6B65D 65/46**  
[25] EN  
[54] **PACKAGING MATERIAL COMPRISING A WATER-SOLUBLE FILM**  
[54] **MATERIAU D'EMBALLAGE COMPORTANT UNE PELLICULE HYDROSOLUBLE**  
[72] YAMASHITA, RYO, JP  
[72] KITAGAKI, KENICHI, JP  
[72] MATSUBARA, TAKAHIRO, JP  
[72] TAKENAKA, MIKIO, JP  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[85] 1995-11-23  
[86] 1994-06-08 (PCT/IB1994/000148)  
[87] (WO1994/029104)  
[30] JP (5/168441) 1993-06-15

[11] **2,166,299**  
[13] C

[51] **Int.Cl. 6C04B 28/02 6C04B 20/00**  
[25] FR  
[54] **COMPOSITION DE BETON DE FIBRES METALLIQUES POUR MOULER UN ELEMENT EN BETON, ELEMENTS OBTENUS ET PROCEDE DE CURE THERMIQUE**  
[54] **METAL FIBER CONCRETE COMPOSITION FOR CASTING A CONCRETE ELEMENT, ELEMENTS OBTAINED AND METHOD OF THERMAL CURING**  
[72] RICHARD, PIERRE EMILE FELIX, FR  
[72] CHEYREZY, MARCEL HUBERT, FR  
[72] ROUX, NICOLAS PIERRE JEAN, FR  
[73] LAFARGE, FR  
[73] BOUYGUES TRAVAUX PUBLICS, FR  
[85] 1995-12-28  
[86] 1994-06-30 (PCT/FR1994/000800)  
[87] (WO1995/001316)  
[30] FR (93/08063) 1993-07-01  
[30] FR (94/02801) 1994-03-10

[11] **2,166,391**  
[13] C

[51] **Int.Cl. 6F16L 27/087**  
[25] EN  
[54] **SWIVEL APPARATUS FOR FLUID TRANSPORT**  
[54] **APPAREIL A ELEMENTS PIVOTANTS POUR LE TRANSPORT DE FLUIDES**  
[72] SIGMUNDSTAD, MARTIN, NO  
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO  
[85] 1995-12-29  
[86] 1994-07-05 (PCT/NO1994/000121)  
[87] (WO1995/002146)  
[30] NO (932462) 1993-07-06

[11] **2,169,940**  
[13] C

[51] **Int.Cl. 6H04N 5/265 6G02B 27/00**  
[25] EN  
[54] **TRAINING VIDEO METHOD AND DISPLAY**  
[54] **METHODE D'APPRENTISSAGE VIDEO ET AFFICHAGE CONNEXE**  
[72] WEINREICH, STEPHEN, US  
[73] WEINREICH, STEPHEN, US  
[85] 1996-02-20  
[86] 1994-08-12 (PCT/US1994/009084)  
[87] (WO1995/006268)  
[30] US (109,506) 1993-08-20

[11] **2,170,630**  
[13] C

[51] **Int.Cl. 6F16K 15/04**  
[25] EN  
[54] **A DEVICE AND A METHOD FOR BLOCKING A LIQUID FLOW THROUGH A PIPE IN ONE DIRECTION**  
[54] **CLAPET BLOQUANT UN ECOULEMENT DANS UNE DIRECTION DONNEE**  
[72] BERGEN, LUDOVICUS FREDERIKUS, NL  
[73] METALO MONTI V.O.F., NL  
[85] 1996-02-28  
[86] 1994-08-24 (PCT/EP1994/002803)  
[87] (WO1995/006833)  
[30] NL (93.01504) 1993-09-01

[11] **2,171,564**  
[13] C

[51] **Int.Cl. 6C10M 107/42 6C10M 173/02**  
[25] EN  
[54] **NOVEL WATER SOLUBLE METAL WORKING FLUIDS**  
[54] **NOUVEAUX FLUIDES HYDROSOLUBLES DESTINES AU TRAVAIL DES METAUX**  
[72] KALOTA, DENNIS JEROME, US  
[72] RAMSEY, SKIPPY HAROLD, US  
[72] SPICKARD, LARRY ALAN, US  
[73] SOLUTIA INC., US  
[85] 1996-03-11  
[86] 1994-10-07 (PCT/US1994/011645)  
[87] (WO1995/010583)  
[30] US (08/133,720) 1993-10-08

[11] **2,173,232**  
[13] C

[51] **Int.Cl. 6G02B 5/124**  
[25] EN  
[54] **CONFORMABLE CUBE CORNER RETROREFLECTIVE SHEETING**  
[54] **FEUILLE RETROREFLECHISSANTE CONFORMABLE A TRIEDRES TRIRECTANGLES**  
[72] BACON, CHESTER A., JR., US  
[72] BENSON, GERALD M., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1996-04-01  
[86] 1994-10-20 (PCT/US1994/011945)  
[87] (WO1995/011468)  
[30] US (08/139,914) 1993-10-20

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[11] **2,184,371**  
[13] C  
[51] **Int.Cl. 6H01H 9/00 6H01F 29/04**  
[25] EN  
[54] **SWITCH-OVER ARRANGEMENT FOR LOAD SWITCHES OF TAP CHANGERS AND FOR LOAD SELECTORS**  
[54] **MONTAGE DE COMMUTATION POUR DIVERS TYPES DE COMMUTATEURS**  
[72] DOHNAL, DIETER, DE  
[72] LESSMANN-MIESKE, HANS-HENNING, DE  
[72] NEUMEYER, JOSEF, DE  
[72] PILLMEIER, LEONHARD, DE  
[73] MASCHINENFABRIK REINHAUSEN GMBH, DE  
[85] 1996-08-28  
[86] 1995-03-08 (PCT/EP1995/000855)  
[87] (WO1995/024724)  
[30] DE (P 44 07 945.1) 1994-03-09  
[30] DE (P 44 41 082.4) 1994-11-18

[11] **2,185,310**  
[13] C  
[51] **Int.Cl. 6B08B 9/22**  
[25] EN  
[54] **DEVICE FOR RINSING A FLUID-STORAGE SPACE**  
[54] **DISPOSITIF POUR LE RINCAGE D'UN RESERVOIR DE STOCKAGE DE LIQUIDE**  
[72] STEINHARDT, JORG-MICHAEL, DE  
[72] STEINHARDT, LOTHAR, DE  
[73] STEINHARDT, JORG-MICHAEL, DE  
[73] STEINHARDT, LOTHAR, DE  
[22] 1996-09-11  
[30] DE (195 33 483.3) 1995-09-12

[11] **2,187,020**  
[13] C  
[51] **Int.Cl. 6C23F 13/08**  
[25] EN  
[54] **CORROSION PROTECTION SYSTEM**  
[54] **SYSTEME DE PROTECTION CONTRE LA CORROSION**  
[72] KHEDER, JOSEPH, US  
[72] CORDIA, JOHANNES MARIA, BE  
[73] N.V. RAYCHEM S.A., BE  
[85] 1996-10-02  
[86] 1995-04-12 (PCT/GB1995/000835)  
[87] (WO1995/029275)  
[30] GB (9407943.1) 1994-04-21  
[30] GB (9411787.6) 1994-06-13

[11] **2,187,124**  
[13] C  
[51] **Int.Cl. 6C07D 251/34 6C09D 175/12**  
[25] EN  
[54] **HIGH VISCOSITY, HIGH EQUIVALENT WEIGHT POLYISOCYANATE MIXTURES CONTAINING ALLOPHANATE AND ISOCYANURATE GROUPS AND THEIR USE IN COATING COMPOSITIONS**  
[54] **MELANGES DE POLYISOCYANATES DE POIDS EQUIVALENT ET DE VISCOSITE ELEVES, RENFERMANT DES GROUPES ALLOPHANATE ET ISOCYANURATE; LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT**  
[72] SLACK, WILLIAM E., US  
[72] WICKS, DOUGLAS A., US  
[73] BAYER CORPORATION, US  
[22] 1996-10-04  
[30] US (08/629,948) 1996-04-12

[11] **2,188,510**  
[13] C  
[51] **Int.Cl. 6A61B 6/00 6G01N 23/00**  
[25] EN  
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[54] **DISPOSITIF D'AUTORADIOGRAPHIE A ECRAN TRANSPARENT**  
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[72] STEKLENSKI, DAVID J., US  
[73] EASTMAN KODAK COMPANY, US  
[22] 1996-10-22  
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[51] **Int.Cl. 6F41H 5/04 6F41H 5/24**  
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[54] **ARMOURING**  
[54] **ARMURE**  
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[73] DENEL (PROPRIETARY) LIMITED, ZA  
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[11] **2,190,810**  
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[54] **FORK LIFT**  
[54] **CHARIOT ELEVATEUR A FOURCHE**  
[72] PARNES, BARUCH, IL  
[72] FRANKEL, NACHUM, IL  
[73] OFAKIM NERHAVIM CONSTRUCTION AND INVESTMENTS 1990 LTD., IL  
[22] 1996-11-20  
[30] IL (116100) 1995-11-22

[11] **2,190,950**  
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[51] **Int.Cl. 6B32B 25/02 6B29B 17/00 6E04C 3/28 6E04C 3/36**  
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[54] **POUTRELLE**  
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[73] TRIPP, BENJAMIN A., CA  
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[30] US (08/181,088) 1994-01-13

[11] **2,194,248**  
[13] C  
[51] **Int.Cl. 6B25F 1/00**  
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[54] **OUTIL MULTIFONCTIONNEL POUVANT RECEVOIR DES EMBOUTS AMOVIBLES**  
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[73] WENGER SA, CH  
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[54] **SWEEPING BROOMS**  
[54] **BALAIS**  
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[72] SIN, TIMMY HOK YIN, HK  
[73] TECHTRONIC INDUSTRIES CO., LTD., HK  
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[13] C

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[25] FR  
[54] **PROCEDE DE CORRELATION DES MESURES TRIDIMENSIONNELLES REALISEES PAR DES SYSTEMES D'ACQUISITION D'IMAGES ET INSTALLATION POUR SA MISE EN OEUVRE**  
[54] **METHOD FOR THE CORRELATION OF THREE DIMENSIONAL MEASUREMENTS OBTAINED BY IMAGE CAPTURING UNITS AND SYSTEM FOR CARRYING OUT SAID METHOD**  
[72] SCIANDRA, JACQUES, FR  
[72] DIVET, MICHEL, FR  
[72] ROLET, GUY, FR  
[73] ORTEN, FR  
[85] 1997-02-19  
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[11] **2,200,888**  
[13] C

[51] **Int.Cl. 6A23G 9/28 6A23G 9/22**  
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[54] **PROCESS AND APPARATUS FOR MANUFACTURE OF AN EXTRUDED ICED CONFECTION**  
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE CONFISERIE GLACEE EXTRUDEE**  
[72] DAOUSE, ALAIN, FR  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[11] **2,202,948**  
[13] C

[51] **Int.Cl. 6A61F 5/445 6A61F 5/441**  
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[54] **SAC D'OSTOMIE AVEC UNE MEMBRANE INTERMEDIAIRE ET UN SUPERABSORBANT**  
[72] OBERHOLTZER, GARY E., US  
[72] FERREIRA, ADOLFO, US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
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[13] C

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[25] EN  
[54] **IMPLANTABLE DEVICE FOR ADMINISTERING ACTIVE SUBSTANCES TO PLANTS**  
[54] **DISPOSITIF IMPLANTABLE POUR L'ADMINISTRATION DE SUBSTANCES ACTIVES A DES VEGETAUX**  
[72] KLOCZKO, MALGORZATA, DE  
[72] HOFFMANN, HANS-RAINER, DE  
[72] ROREGER, MICHAEL, DE  
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
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[86] 1995-10-26 (PCT/EP1995/004204)  
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[13] C

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[54] **CORNER PROTECTOR**  
[54] **PROTECTEUR DE COINS**  
[72] GRATZ, JEFFREY J., US  
[73] FIBREFORM CONTAINERS, INC., US  
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[11] **2,208,338**  
[13] C

[51] **Int.Cl. 6H04B 1/69**  
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[54] **SYSTEME DE COMMUNICATION TRANSMETTANT UN SPECTRE D'ETALEMENT DE REFERENCE**  
[72] HLADIK, STEPHEN M., US  
[72] HERSHEY, JOHN E., US  
[72] SAULNIER, GARY J., US  
[72] WEIR, MICHAEL P., US  
[72] ALI, IRFAN, US  
[72] ROSS, JOHN A. F., US  
[73] GENERAL ELECTRIC COMPANY, US  
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[11] **2,212,026**  
[13] C

[51] **Int.Cl. 6B41J 2/335 6B41J 2/05**  
[25] EN  
[54] **INK JET RECORDING HEAD**  
[54] **TETE D'IMPRIMANTE A JET D'ENCRE**  
[72] SATO, OSAMU, JP  
[72] KAWAMURA, SHOGO, JP  
[72] HIROSAWA, TOSHIAKI, JP  
[72] MORITA, OSAMU, JP  
[73] CANON KABUSHIKI KAISHA, JP  
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[30] JP (8-202247) 1996-07-31  
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[30] JP (8-237858) 1996-09-09

[11] **2,213,162**  
[13] C

[51] **Int.Cl. 6A23G 3/00 6A23D 7/00 6A21D 13/08**  
[25] EN  
[54] **GARNISHING PRODUCT FOR PASTRY, BISCUIT AND CONFECTIONERY-MAKING, MANUFACTURING PROCESS AND GARNISHED COMPOSITE PRODUCT**  
[54] **GARNITURE POUR PATISSERIES, BISCUITS ET CONFISERIES; PROCEDE DE FABRICATION DE LA GARNITURE ET DU PRODUIT AINSI GARNI**  
[72] PERNIN, JACQUES, CH  
[72] WANG, JUNKUAN, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1997-08-29  
[30] EP (96202457.6) 1996-09-05

[11] **2,213,671**  
[13] C

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **SWITCH FOR HOOKSTICK OPERATION**  
[54] **INTERRUPTEUR A MANOEUVRER PAR PERCHE ISOLANTE**  
[72] PAW, KACEY J., US  
[72] ISHERWOOD, WILLIAM D., JR., US  
[72] HAWKINS, RICHARD H., II, US  
[73] S & C ELECTRIC COMPANY, US  
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[54] **LAMPE ELECTRIQUE MUNIE D'UN CULOT SANS CIMENT**  
[72] STEINER, HERMANN, DE  
[72] HELBIG, PETER, DE  
[73] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
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[30] DE (196 00 714.3) 1996-01-11

[11] 2,215,337  
[13] C

[51] Int.Cl. 6B28B 1/08 6B28B 7/44  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE MANUFACTURE OF CEMENTITIOUS SLAB PRODUCTS AND THE RESULTING PRODUCTS**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE PRODUITS CIMENTAIRES DU TYPE DALLES CIMENTAIRES ET DALLES AINSI PRODUITES**  
[72] TONCELLI, MARCELLO, IT  
[73] TONCELLI, DARIO, IT  
[73] TONCELLI, LUCA, IT  
[73] SALVALAGGIO, MARIA LUISA, IT  
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[87] (WO1997/027982)  
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[30] IT (TV96A000009) 1996-01-29

[11] 2,218,220  
[13] C

[51] Int.Cl. 6A22C 5/00 6A22C 11/08  
[25] EN  
[54] **FOOD DIMINUTION AND EMULSIFICATION APPARATUS**  
[54] **APPAREIL DE REDUCTION ET D'EMULSIFICATION D'ALIMENTS**  
[72] MOESSMER, MICHAEL, DE  
[72] HAACK, EBERHARD, DE  
[73] MASCHINENFABRIK DORNHAN GMBH, DD  
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[30] DE (196 42 232.9-23) 1996-10-12

[11] 2,226,039  
[13] C

[51] Int.Cl. 6C07D 409/04 6C07D 405/04 6C07D 471/04 6C07D 487/04 6C07D 493/04 6C07D 495/04 6C07D 491/048 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/44 6A61K 31/47 6A61K 31/495 6A61K 31/535  
[25] EN  
[54] **PYRIDYLFURAN AND PYRIDYLTHIOPHENE COMPOUNDS**  
[54] **COMPOSES DU TYPE PYRIDYLFURANE ET PYRIDYLTHIOPHENE**  
[72] KAWAI, MAKOTO, JP  
[72] KAWAI, AKIYOSHI, JP  
[73] PFIZER INC., US  
[22] 1997-12-31  
[30] WO (PCT/IB97/00002) 1997-01-06

[11] 2,227,419  
[13] C

[51] Int.Cl. 6A61L 9/03 6A01M 13/00  
[25] EN  
[54] **DEVICE FOR DISPENSING A VOLATILE SUBSTANCE**  
[54] **DISPOSITIF DE DISTRIBUTION D'UNE SUBSTANCE VOLATILE**  
[72] HILDEBRANDT, DONALD W., US  
[72] DEMAREST, SCOTT W., US  
[72] WANG, WEN DER, US  
[72] BONNEMA, JAMES, US  
[72] FURNER, PAUL E., US  
[73] THE SCHAWBEL CORPORATION, US  
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[87] (WO1997/004817)  
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[11] 2,227,986  
[13] C

[51] Int.Cl. 6B66F 11/04 6B66F 9/075  
[25] EN  
[54] **LIFT APPARATUS HAVING AN ARTICULATED DOUBLE PARALLELOGRAM BOOM ASSEMBLY**  
[54] **APPAREIL DE LEVAGE MUNI D'UN ENSEMBLE ARTICULE DE DOUBLE FLECHE SOUS FORME DE PARALLELOGRAMME**  
[72] BACKER, ROBERT D., US  
[72] GOODRICH, MICHAEL F., US  
[73] GROVE U.S. L.L.C., US  
[22] 1998-01-26  
[30] US (60/037,105) 1997-01-31

[11] 2,232,449  
[13] C

[51] Int.Cl. 6A23B 7/00 6A23B 7/10  
[25] EN  
[54] **BRINELESS PICKLE**  
[54] **CORNICHONS SANS SAUMURE**  
[72] HITCH, THOMAS E., US  
[72] COOK, JAMES R., US  
[72] MATTHIAS, JUDITH A., US  
[73] M.A. GEDNEY COMPANY, US  
[22] 1998-03-17  
[30] US (08/842,001) 1997-04-23

[11] 2,233,656  
[13] C

[51] Int.Cl. 6B29C 49/12  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING STRETCH BLOW MOLDED ARTICLES**  
[54] **METHODE ET DISPOSITIF DE FABRICATION D'ARTICLES MOULES PAR SOUFFLAGE-EMBOUTISSAGE**  
[72] DAVIS, CRAIG, US  
[72] LYNN, STEPHEN R., US  
[73] BALL CORPORATION, US  
[22] 1998-04-01  
[30] US (08/831,545) 1997-04-08

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[13] C

[51] Int.Cl. 6A47J 37/12  
[25] EN  
[54] **FOODSTUFF DISPENSING MACHINE**  
[54] **DISTRIBUTEUR DE PRODUITS ALIMENTAIRES**  
[72] KELLY, EDWARD C., US  
[73] PREMIER DESIGN, LTD., US  
[85] 1998-04-08  
[86] 1995-10-13 (PCT/US1995/013018)  
[87] (WO1997/013438)

[11] 2,234,689  
[13] C

[51] Int.Cl. 6E21B 29/06  
[25] EN  
[54] **MILL FOR WELLBORE MILLING OPERATIONS**  
[54] **FRAISE SERVANT A EFFECTUER DES OPERATIONS DE FRAISAGE DANS UN Puits DE FORAGE**  
[72] PLEASANTS, CHARLES W., US  
[73] WEATHERFORD/LAMB, INC., US  
[85] 1998-04-09  
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[13] C

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[25] EN  
[54] **INTIMAL THICKENING  
INHIBITORY AGENT**  
[54] **INHIBITEUR INTIME  
D'ÉPAISSISSEMENT**  
[72] SEKIMORI, REIKO, JP  
[72] CYNISHI, OSAMU, JP  
[72] KATO, YOSHIKI, JP  
[73] CHUGAI SEIYAKU KABUSHIKI  
KAISHA, JP  
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[30] JP (326166/1995) 1995-11-09

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[13] C

[51] Int.Cl. 6C08G 65/32 6B01F 17/00  
**6C09D 7/02 6C07F 9/09**  
[25] EN  
[54] **PHOSPHATE ESTERS OF  
POLYALKYLENE ETHER BLOCK  
COPOLYMERS AND THEIR USE AS  
DISPERSANTS**  
[54] **PHOSPHATE ESTERS DE  
COPOLYMERES SEQUENCES D'UN  
POLYALKYLENE ETHER ET LEUR  
UTILISATION EN TANT QU'AGENTS  
DISPERSANTS**  
[72] THETFORD, DEAN, GB  
[72] HOLBROOK, MARK, GB  
[73] THE LUBRIZOL CORPORATION, US  
[85] 1998-05-04  
[86] 1996-10-18 (PCT/GB1996/002544)  
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[30] GB (9524476.0) 1995-11-30

[11] **2,237,542**  
[13] C

[51] Int.Cl. 6C07D 213/22 6C07D 215/10  
**6C07D 217/10 6C23F 11/14**  
[25] EN  
[54] **QUARTERNARY AMMONIUM  
COMPOUNDS USEFUL FOR  
INHIBITING METAL CORROSION**  
[54] **COMPOSES D'AMMONIUM  
QUATERNAIRE INHIBANT LA  
CORROSION DU METAL**  
[72] BREZINSKI, MICHAEL M., NL  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1998-05-13  
[30] US (08/855,049) 1997-05-13

[11] **2,239,261**  
[13] C

[51] Int.Cl. 6G09F 13/00 6G09F 9/35  
[25] EN  
[54] **OPTICALLY ENHANCED DUAL  
LIQUID CRYSTAL DISPLAY  
BACKGROUND LIGHT**  
[54] **DOUBLE ÉCLAIRAGE  
D'ARRIÈRE-PLAN ACCENTUE  
OPTIQUEMENT POUR LES  
AFFICHEURS À CRISTAUX LIQUIDES**  
[72] BERNARD, EDWIN I., US  
[73] LITTON SYSTEMS, INC., US  
[22] 1998-06-01  
[30] US (898,986) 1997-07-23

[11] **2,239,888**  
[13] C

[51] Int.Cl. 6H04L 27/08  
[25] EN  
[54] **DATA COMPARISON AGC  
SYSTEM FOR VSB RECEIVER**  
[54] **SYSTEME DE COMMANDE DE  
GAIN AUTOMATIQUE POUR  
COMPARER DES DONNEES POUR UN  
RECEPTEUR À BANDE LATÉRALE  
RESIDUELLE**  
[72] TURNER, RUDOLF, US  
[72] KIRSHNAMURTHY, GOPALAN, US  
[73] ZENITH ELECTRONICS  
CORPORATION, US  
[85] 1998-06-05  
[86] 1997-10-03 (PCT/US1997/017982)  
[87] (WO1998/016041)  
[30] US (08/726,501) 1996-10-07

[11] **2,240,329**  
[13] C

[51] Int.Cl. 6A61K 31/445 6A61K 9/14  
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[25] EN  
[54] **IMPROVED DELIVERY OF  
MULTIPLE DOSES OF MEDICATIONS**  
[54] **ADMINISTRATION AMÉLIORÉE  
DE DOSES MULTIPLES DE  
MÉDICAMENTS**  
[72] DARIANI, MAGHSOUD M., US  
[72] MEHTA, ATUL M., US  
[72] ZEITLIN, ANDREW L., US  
[73] DARIANI, MAGHSOUD M., US  
[73] MEHTA, ATUL M., US  
[73] ZEITLIN, ANDREW L., US  
[22] 1998-06-11  
[30] US (08/892,190) 1997-07-14

[11] **2,241,282**  
[13] C

[51] Int.Cl. 6G01N 15/14  
[25] EN  
[54] **OPTIC DEVICE FOR DETECTION  
OF CHARACTERISTICS OF  
PARTICLES IN MOVEMENT**  
[54] **APPAREIL OPTIQUE DE  
DETECTION DES PARTICULARITES  
DE PARTICULES EN MOUVEMENT**  
[72] SCHANEN, ISABELLE, FR  
[72] BENECH, PIERRE, FR  
[72] CARTELIER, ALAIN, FR  
[73] SCHNEIDER ELECTRIC S.A., FR  
[85] 1998-07-06  
[86] 1996-01-11 (PCT/FR1996/000048)  
[87] (WO1997/025607)

[11] **2,245,478**  
[13] C

[51] Int.Cl. 6E01B 7/10  
[25] EN  
[54] **RAILROAD TRACKWORK  
INTERSECTIONS**  
[54] **APPAREILS DE VOIE  
FERROVIAIRE**  
[72] BAKER, THOMAS S., JR., US  
[72] XIA, JOAN Q., US  
[72] KUHN, STEPHEN R., US  
[72] YOUNG, KEITH, US  
[73] VAE NORTRAK NORTH AMERICA  
INC., US  
[22] 1998-08-25  
[30] US (08/920,777) 1997-08-29

[11] **2,245,483**  
[13] C

[51] Int.Cl. 6A23D 9/007 6A23D 7/005  
[25] EN  
[54] **FAT BASED FOOD PRODUCTS  
COMPRISING STEROLS**  
[54] **PRODUITS ALIMENTAIRES À  
BASE DE GRAS, RENFERMANT DES  
STEROLS**  
[72] AMERONGEN, MARNIX P. VAN, NL  
[72] LIEVENSE, LOURUS CORNELIS, BR  
[73] UNILEVER PLC, GB  
[22] 1998-08-21  
[30] GB (97202595.1) 1997-08-22

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[13] C  
[51] **Int.Cl. 6C10M 119/02 6C10M 157/00 6C10M 143/02 6C10M 149/02 6C10M 145/10**  
[25] EN  
[54] **SUBSTANTIALLY LINEAR ETHYLENE/ALPHA-OLEFIN POLYMERS AS VISCOSITY INDEX IMPROVERS OR GELLING AGENTS**  
[54] **POLYMERES ETHYLENE/ALPHA-OLEFINES SENSIBLEMENT LINEAIRES SERVANT D'AGENTS ELEVANT L'INDICE DE VISCOSITE OU D'AGENTS GELIFIANTS**  
[72] MCGIRK, RICHARD HEATH, US  
[72] LAUGHNER, MICHAEL KENNETH, US  
[72] HUGHES, MORGAN MARK, US  
[72] MILLER, RUFUS G., US  
[72] SCHICKRAM, WILLIS CHARLES, US  
[73] DUPONT LOW ELASTOMERS L.L.C., US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[73] THE DOW CHEMICAL COMPANY, US  
[85] 1998-09-08  
[86] 1996-11-01 (PCT/US1996/017529)  
[87] (WO1997/032946)  
[30] US (60/013,052) 1996-03-08  
[30] US (60/024,913) 1996-08-30

[11] **2,248,542**  
[13] C  
[51] **Int.Cl. 6A23F 5/40**  
[25] EN  
[54] **SOLUBLE COFFEE BEVERAGE PRODUCT**  
[54] **CAFE SOLUBLE**  
[72] FURRER, MARC, CH  
[72] WYSS, HEINZ, CH  
[72] WEHRSPANN, OLAF, CH  
[72] MUNZ-SCHAERER, DANIELA DORIS, CH  
[73] SOCIETE DES PRODUITS NESTLE, S.A., CH  
[85] 1998-08-27  
[86] 1997-03-05 (PCT/EP1997/001103)  
[87] (WO1997/033482)  
[30] EP (96200676.3) 1996-03-12

[11] **2,250,636**  
[13] C  
[51] **Int.Cl. 6F23C 5/32 6F24C 5/12**  
[25] EN  
[54] **COMBUSTION APPARATUS**  
[54] **APPAREIL DE COMBUSTION**  
[72] GENGO, TADASHI, JP  
[72] SAKAMOTO, KOUICHI, JP  
[72] SUGA, KEISHI, JP  
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[54] **SYSTEME JETABLE DE STOCKAGE, DE TRANSPORT ET DE REMISE EN SUSPENSION**  
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[72] RIENSTRA, MARK S., US  
[72] STEWART, DOYLE W., US  
[72] EKAMBARAM, ANAND, US  
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[72] MARTINSSON, HANS-BERTIL, SE  
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[54] **PLAQUE POUR OSTEOSYNTHESE**  
[72] TEPIC, SLOBODAN, CH  
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[54] **METHOD OF FORMING TOOTHED WHEELS AND PRODUCT FORMED THEREBY**  
[54] **PROCEDE DE FORMAGE DE ROUES DENTEES ET PRODUIT FORME SUIVANT LEDIT PROCEDE**  
[72] HIMMEROEDER, HELGE, CA  
[73] TESMA INTERNATIONAL INC., CA  
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[51] **Int.Cl. 6C04B 28/00 6C09K 3/00 6C04B 28/16 6C04B 41/50**  
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[54] **COMPOSITION AND METHOD TO REMOVE ASBESTOS**  
[54] **COMPOSITION ET PROCEDE D'ELIMINATION DE L'AMIANTE**  
[72] BLOCK, JACOB, US  
[73] W.R. GRACE & CO.-CONN., US  
[85] 1999-03-26  
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[73] TELEX COMMUNICATIONS, INC.,  
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PREVENTING CARDIAC  
ARRHYTHMIA**  
[54] **METHODES DE TRAITEMENT OU  
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[72] LYNCH, JOSEPH J., JR., US  
[72] SALATA, JOSEPH J., US  
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AND METHOD**  
[54] **SYSTEME ET PROCEDE DE  
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[72] MANDEVILLE, HUBERT C., IV, US  
[72] FISCHMAN, PETER H., US  
[72] ISRAEL, ELIAS, US  
[72] CICHETTI, PALMA J., US  
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RESOURCES THROUGH A FIREWALL**  
[54] **ACCES DEPUIS L'EXTERIEUR A  
DES RESSOURCES INFORMATIQUES  
AU TRAVERS D'UN DISPOSITIF DE  
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[72] JADE, PRASHANTH, US  
[72] WALTERS, GLEN ROBERT, US  
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[54] **CIRCUIT DE COMMANDE  
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[25] EN  
[54] **METHOD AND SYSTEM FOR  
IMPROVING CONCURRENCY  
THROUGH EARLY RELEASE OF  
UNNECESSARY LOCKS**  
[54] **METHODE ET SYSTEME POUR  
AMELIORER L'ACCES SIMULTANE  
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[54] PILE A COMBUSTIBLE ET SEPARATION POUR PILE A COMBUSTIBLE  
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[54] PROCEDE ET SYSTEME POUR OFFRIR UNE PRESENTATION SUR UN RESEAU  
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[72] WEGENER, DENNIS C., US  
[72] MALONEY, DANIEL R., US  
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MICROPARTICLES FOR THE  
SUSTAINED DELIVERY OF  
THERAPEUTIC DRUGS**  
[54] **MICROPARTICULES  
BIODEGRADABLES POUR  
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[72] IWATA, RISA, JP  
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[54] **DISPOSITIF POUR LE  
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[73] DAKOCYTOMATION DENMARK A/  
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[54] **DMT TEST METHOD FOR  
DETERMINING ADSL CAPABILITY OF  
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[54] **METHODE D'ESSAI DE LA  
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DETERMINER LA CAPACITE DE LNPA  
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[72] LAYTON, ROBERT, CA  
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[54] **REGULATEUR DE HAUTE  
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[72] PACTH, AMOS, US  
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[54] **CADRES POUR MEUBLES DE  
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CIRCUIT FOR TELEPHONES**  
[54] **CIRCUIT DE REGLAGE  
SILENCIEUX SANS CLIC POUR  
TELEPHONES**  
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[73] MITEL NETWORKS CORPORATION,  
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ARTICLE FOR USE WITH  
MENSTRUAL PANT**  
[54] **ARTICLE ABSORBANT TRES  
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[54] **COMMANDE DE FORCE MOTRICE POUR VEHICULE A QUATRE ROUES MOTRICES**  
[72] SEKIYA, SHIGENOBU, JP  
[72] MATSUO, HIROYUKI, JP  
[72] ARAI, YASUNORI, JP  
[72] TAKAHASHI, KEIICHI, JP  
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[54] **HEATER CONTROL**  
[54] **COMMANDE D'ELEMENTS CHAUFFANTS**  
[72] CARL, FREDERICK GORDON, JR., US  
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[54] **PARALLEL OPTO-ELECTRIC STRUCTURE FOR HIGH SENSITIVITY AND WIDE BANDWIDTH OPTICAL TRANSCEIVER**  
[54] **STRUCTURE ELECTRO-OPTIQUE PARALLELE POUR UN EMETTEUR-RECEPTEUR OPTIQUE A GRANDE SENSIBILITE ET GRANDE LARGEUR DE BANDE**  
[72] FENG, KAI D., US  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
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[54] **PROCEDES ET APPAREIL POUR LA DETECTION D'HOMOLOGIES DE SEQUENCES**  
[72] RIGOUTSOS, ISIDORE, US  
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[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[51] **Int.Cl. 7A61K 33/00 7A61P 31/00 7C02F 1/461**  
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[54] **ELECTROLYTIC REDUCED WATER, ANTI-CANCER DRUG, AND PRODUCING METHOD AND APPARATUS THEREOF**  
[54] **EAU ELECTROLYSEE, MEDICAMENT ANTI-CANCER ET METHODE DE PRODUCTION ET APPAREIL CONNEXES**  
[72] OTSUBO, KAZUMICHI, JP  
[72] SHIRAHATA, SANETAKA, JP  
[73] NIHON TRIM CO., LTD., JP  
[22] 2000-08-25  
[30] JP (11-247579) 1999-09-01

[11] **2,322,581**  
[13] C  
[51] **Int.Cl. 7H04L 5/16**  
[25] EN  
[54] **ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF DUPLEX AND FULL DUPLEX PROCEDURES**  
[54] **ACTIVATION DE MULTIPLES MODEMS XDSL AU MOYEN DE PROCEDURES SEMI-DUPLEX ET DUPLEX INTEGRAL**  
[72] PALM, STEPHEN, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[85] 2000-09-07  
[86] 1999-12-29 (PCT/US1999/030006)  
[87] (WO2000/041354)  
[30] US (60/115,294) 1999-01-08

[11] **2,322,608**  
[13] C  
[51] **Int.Cl. 7G02B 6/36 7G02B 6/38**  
[25] EN  
[54] **AN OPTICAL CONNECTOR HAVING A ONE-PIECE HOUSING**  
[54] **CONNECTEUR OPTIQUE A BOITIER MONOPIECE**  
[72] NIELSON, JEFFREY DALE, US  
[72] SUBH, NAIF TALEB, US  
[72] DRISCOLL, ELIZABETH J., US  
[72] MAY, JOHN FRANCIS, US  
[72] LAMPERT, NORMAN R., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-06  
[30] US (09/413,431) 1999-10-06

[11] **2,322,820**  
[13] C  
[51] **Int.Cl. 7C08J 5/18 7B32B 17/10 7C03C 27/12**  
[25] EN  
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS**  
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE**  
[72] OMIZU, MORIMASA, JP  
[72] SHICHIRI, TOKUSHIGE, JP  
[73] SEKISUI CHEMICAL CO., LTD., JP  
[85] 2000-09-01  
[86] 1999-03-11 (PCT/JP1999/001177)  
[87] (WO1999/046213)  
[30] JP (10/59929) 1998-03-11  
[30] JP (10/197558) 1998-07-13

[11] **2,322,924**  
[13] C  
[51] **Int.Cl. 7F01D 5/18**  
[25] EN  
[54] **GAS TURBINE EQUIPMENT AND TURBINE BLADE**  
[54] **TURBINE A GAZ ET AUBE DE TURBINE**  
[72] MATSUURA, MASAOKI, JP  
[72] WATANABE, KOJI, JP  
[72] SUENAGA, KIYOSHI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-10-10  
[30] JP (11-329965) 1999-11-19

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[51] **Int.Cl. 7H04B 1/26 7H04H 1/00**  
[25] EN  
[54] **HOST REJECTION FILTERING IN A DIGITAL AUDIO BROADCASTING SYSTEM**  
[54] **FILTRAGE DE PORTEUSE DANS UN SYSTEME DE RADIODIFFUSION AUDIONUMERIQUE**  
[72] NEASE, GREG ALAN, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-17  
[30] US (09/430,948) 1999-11-01

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[13] C

[51] **Int.Cl. 7F04B 43/12**  
[25] EN  
[54] **PERISTALTIC PUMP AND CASSETTE**  
[54] **POMPE ET CASSETTE PERISTALTIQUES**  
[72] SORENSEN, GARY P., US  
[72] AKKAS, TAMER, US  
[73] ALCON UNIVERSAL LTD., CH  
[22] 2000-10-18  
[30] US (09/437,392) 1999-11-10

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[11] **2,323,933**  
[13] C

[51] **Int.Cl. 7F16C 9/02 7F01M 11/00**  
[25] EN  
[54] **CRANKSHAFT BEARING AND BUSHING ASSEMBLY**  
[54] **ENSEMBLE DE COUSSINET ET DE PALIER DE VILEBREQUIN**  
[72] PATY, MAX, FR  
[73] DEERE & COMPANY, US  
[22] 2000-10-19  
[30] DE (199 54 927.3) 1999-11-16

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[11] **2,324,746**  
[13] C

[51] **Int.Cl. 7F16H 48/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DEMAGNETIZING A CONTROLLABLE ELECTROMAGNETICALLY ACTUATED DIFFERENTIAL**  
[54] **APPAREIL ET METHODE DE DEMAGNETISATION D'UN DIFFERENTIEL REGLABLE A ACTIVATION ELECTROMAGNETIQUE**  
[72] LEEPER, ROBERT, US  
[72] TILL, THOMAS N., US  
[73] AUBURN GEAR, INC., US  
[22] 2000-10-30  
[30] US (09/432,365) 1999-11-03

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[11] **2,324,859**  
[13] C

[51] **Int.Cl. 7H01F 41/06**  
[25] EN  
[54] **METHODS AND APPARATUS FOR WINDING ELECTRIC MACHINE CORES**  
[54] **TECHNIQUES ET APPAREIL DE BOBINAGE DE NOYAUX CENTRAUX DE MOTEURS ELECTRIQUES**  
[72] STRATICO, GIANFRANCO, IT  
[72] BECHERUCCI, RAFFAELE, IT  
[72] MUGELLI, MAURIZIO, IT  
[72] MANUELLI, GIOVANNI, IT  
[73] AXIS USA, INC., US  
[22] 2000-11-01  
[30] US (60/163,102) 1999-11-02  
[30] US (09/699,184) 2000-10-27

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[13] C

[51] **Int.Cl. 7H04M 1/00 7H04B 7/26**  
[25] EN  
[54] **TELEPHONE DEVICE MOUNTED IN VEHICLE**  
[54] **DISPOSITIF TELEPHONIQUE DE VEHICULE**  
[72] OKAGAKI, MITSUNORI, JP  
[72] NISHIMOTO, YUKIO, JP  
[73] TOTTORI SANYO ELECTRIC CO., LTD., JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[85] 2000-09-22  
[86] 2000-02-03 (PCT/JP2000/000599)  
[87] (WO2000/051314)  
[30] JP (11/43399) 1999-02-22  
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[13] C

[51] **Int.Cl. 7A01G 27/00**  
[25] EN  
[54] **BEAN SPROUT CULTURE BOX WITH A SPRINKLING DEVICE**  
[54] **BOITE DE CULTURE DE GERMES DE HARICOT AVEC DISPOSITIF D'ARROSAGE**  
[72] LAI, WEN-CHI, XX  
[73] LAI, WEN-CHI, XX  
[22] 2000-11-15

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[11] **2,326,536**  
[13] C

[51] **Int.Cl. 6C07C 45/64 6C07C 49/717**  
[25] EN  
[54] **PROCESS FOR PRODUCING HINOKITIOL**  
[54] **PROCEDE DE PRODUCTION D'HINOKITIOL**  
[72] YAMAMOTO, SHINICHI, JP  
[72] SHIMIZU, KATSUYA, JP  
[72] NAGATO, YASUHIRO, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2000-09-26  
[86] 1999-03-29 (PCT/JP1999/001583)  
[87] (WO1999/050215)  
[30] JP (10-084093) 1998-03-30

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[13] C

[51] **Int.Cl. 7B60R 27/00**  
[25] EN  
[54] **SECURE ACCESSORY SYSTEM FOR A TRUCK BOX**  
[54] **SYSTEME D'ARRIMAGE D'ACCESSOIRES POUR CAISSE DE CAMION**  
[72] BOURGAULT, GERARD, CA  
[72] GAUTHIER, MICHAEL, CA  
[72] EISNER, NEIL, CA  
[73] BOURGAULT INDUSTRIES LTD., CA  
[22] 2000-11-27

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[51] **Int.Cl. 7A47G 33/08 7G08B 17/11**  
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[54] **CHRISTMAS ORNAMENT**  
[54] **DECORATION DE NOEL**  
[72] PRECHEL, OLIVER, US  
[72] PRECHEL, MARCO, US  
[73] PRECHEL, OLIVER, US  
[73] PRECHEL, MARCO, US  
[85] 2000-10-05  
[86] 2000-02-08 (PCT/IB2000/000224)  
[87] (WO2000/047091)  
[30] US (60/119,794) 1999-02-11  
[30] DE (299 05 767.4) 1999-03-29

[11] **2,328,919**  
[13] C  
[51] **Int.Cl. 6A46D 3/00 6B23Q 7/00**  
**6A46D 9/02 6A46D 3/08 6B29C 45/14**  
[25] EN  
[54] **AUTOMATED PROCESS AND**  
**APPARATUS FOR SUBSTANTIALLY**  
**SIMULTANEOUSLY FORMING**  
**MULTIPLE ARTICLES HAVING**  
**DIFFERENT PROPERTIES**  
[54] **PROCEDE ET APPAREIL**  
**AUTOMATISES POUR FORMER DE**  
**MULTIPLES ARTICLES AYANT**  
**DIFFERENTES PROPRIETES**  
[72] CONNOLLY, DECLAN, IE  
[72] FRYAUF, MICHAEL F., US  
[72] MCCONNELL, MARK, IE  
[72] SZCZECH, GERALD S., US  
[73] GILLETTE CANADA COMPANY, CA  
[85] 2000-10-17  
[86] 1999-04-22 (PCT/US1999/008819)  
[87] (WO1999/055193)  
[30] US (09/067,728) 1998-04-28  
[30] US (09/293,019) 1999-04-16

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[13] C  
[51] **Int.Cl. 6C07H 15/203 6C12P 19/44**  
**6A61K 31/70**  
[25] EN  
[54] **HYGROMYCIN A DERIVATIVES**  
[54] **DERIVES D'HYGROMYCINE A**  
[72] GUHAN, SUBRAMANIAN SAM, US  
[72] JEFSON, MARTIN RAYMOND, US  
[72] LINDE, ROBERT GERALD, II, US  
[72] BRIGHTY, KATHERINE  
ELIZABETH, US  
[72] MCCORMICK, ELLEN LESTER, US  
[73] PFIZER PRODUCTS INC., US  
[85] 2000-11-02  
[86] 1999-05-03 (PCT/IB1999/000795)  
[87] (WO1999/057125)  
[30] US (60/084,042) 1998-05-04

[11] **2,336,787**  
[13] C  
[51] **Int.Cl. 7H04B 10/135 7H04B 10/18**  
[25] EN  
[54] **METHOD FOR POLARIZATION**  
**MODE DISPERSION COMPENSATION,**  
**AND A POLARIZATION MODE**  
**DISPERSION COMPENSATOR**  
[54] **PROCEDE DE COMPENSATION**  
**DE DISPERSION EN MODE**  
**POLARISATION ET COMPENSATEUR**  
**DE DISPERSION EN MODE**  
**POLARISATION**  
[72] NOE, REINHOLD, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2001-01-08  
[86] 1999-06-24 (PCT/DE1999/001846)  
[87] (WO2000/003505)  
[30] DE (198 30 990.2) 1998-07-10

[11] \* **2,338,427**  
[13] C  
[51] **Int.Cl. 7B62D 33/06**  
[25] EN  
[54] **TRUCK CAB**  
[54] **CABINE DE CAMION**  
[72] FITZSIMMONS, RALPH B., CA  
[73] FITZSIMMONS, RALPH B., CA  
[22] 2001-02-28

[11] **2,339,314**  
[13] C  
[51] **Int.Cl. 7H01J 49/40**  
[25] EN  
[54] **TIME OF FLIGHT MASS**  
**SPECTROMETER WITH SELECTABLE**  
**DRIFT LENGTH**  
[54] **SPECTROMETRE DE MASSE DE**  
**TEMPS DE VOL AVEC DISTANCE DE**  
**DERIVE SELECTIONNABLE**  
[72] HOYES, JOHN BRIAN, GB  
[73] MICROMASS UK LIMITED, GB  
[22] 2001-03-02  
[30] GB (0005125.0) 2000-03-03  
[30] GB (0013931.1) 2000-06-08

[11] **2,341,181**  
[13] C  
[51] **Int.Cl. 7H04H 9/00 7E21B 47/00**  
**7E21B 49/00 7G01V 3/00 7E21B 47/026**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**DETERMINING POSITION IN A PIPE**  
[54] **PROCEDE ET DISPOSITIF DE**  
**DETERMINATION DE POSITION DANS**  
**UN CONDUIT**  
[72] ZIEROLF, JOSEPH A., US  
[73] MARATHON OIL COMPANY, US  
[85] 2001-02-19  
[86] 2000-04-04 (PCT/US2000/009012)  
[87] (WO2000/060780)  
[30] US (09/286,650) 1999-04-06

[11] **2,343,167**  
[13] C  
[51] **Int.Cl. 7H03J 7/02 7H04N 5/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**DIGITAL BROADCAST CHANNEL**  
**SELECTION**  
[54] **PROCEDE ET DISPOSITIF DE**  
**SELECTION D'UN CANAL DE**  
**RADIODIFFUSION NUMERIQUE**  
[72] TESHIMA, MISAO, JP  
[72] MAEHARA, KENICHI, JP  
[72] KAWAKAMI, TSUYOSHI, JP  
[72] KATO, HIROSHI, JP  
[72] MORIIE, YOSHIHIRO, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[85] 2001-03-06  
[86] 2000-07-04 (PCT/JP2000/004417)  
[87] (WO2001/003297)  
[30] JP (11/191585) 1999-07-06  
[30] JP (2000/187378) 2000-06-22

[11] **2,343,591**  
[13] C  
[51] **Int.Cl. 7F16H 1/28 7F02C 6/00**  
**7H02K 7/18**  
[25] EN  
[54] **GENERATOR DRIVE**  
[54] **ENTRAINEMENT**  
**D'ALTERNATEUR**  
[72] SCHWERTBERGER, HELMUT, DE  
[73] RENK AKTIENGESELLSCHAFT, DE  
[22] 2001-04-06  
[30] DE (100 17 548.1) 2000-04-08

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[11] **2,343,640**  
[13] C

[51] **Int.Cl. 7B01D 53/50**  
[25] EN  
[54] **PROCESS FOR CONTROLLING AMMONIA SLIP IN THE REDUCTION OF SULFUR DIOXIDE EMISSION**  
[54] **PROCEDE SERVANT A CONTROLER UNE FUITE D'AMMONIAC LORS DE LA REDUCTION D'UNE EMISSION DE DIOXYDE DE SOUFRE**  
[72] BROWN, GREGORY N., US  
[72] MENGEL, MICHAEL L., US  
[73] MARSULEX ENVIRONMENTAL TECHNOLOGIES, CORP., US  
[85] 2001-03-06  
[86] 1999-08-27 (PCT/US1999/019647)  
[87] (WO2000/013770)  
[30] US (09/149,211) 1998-09-08

[11] **2,344,494**  
[13] C

[51] **Int.Cl. 7B01D 53/50**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR CONTROLLING AMMONIA SLIP IN THE REDUCTION OF SULFUR DIOXIDE EMISSION**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER LA CONCENTRATION AMMONIACALE DANS LA REDUCTION DES EMISSIONS DE DIOXYDE DE SOUFRE**  
[72] BROWN, GREGORY NORMAN, US  
[72] GANSLEY, RAYMOND RAULFS, US  
[72] HAMMER, MICHAEL TOM, US  
[72] MENGEL, MICHAEL LYN, US  
[73] MARSULEX ENVIRONMENTAL TECHNOLOGIES, CORP., US  
[85] 2001-03-06  
[86] 1999-08-27 (PCT/US1999/019771)  
[87] (WO2000/013771)  
[30] US (09/149,190) 1998-09-08

[11] \* **2,345,434**  
[13] C

[51] **Int.Cl. 7G06F 3/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONCURRENT PRESENTATION OF MULTIPLE AUDIO INFORMATION SOURCES**  
[54] **SYSTEME ET METHODE DE PRESENTATION CONCURRENTE DE PLUSIEURS SOURCES D'INFORMATION AUDIO**  
[72] WANG, HUIFANG, US  
[72] VANBUSKIRK, RONALD E., US  
[72] LEWIS, JAMES R., US  
[72] GONG, QING, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-04-27  
[30] US (09/594,397) 2000-06-15

[11] **2,349,752**  
[13] C

[51] **Int.Cl. 7H04R 9/06 7H04R 1/02**  
[25] EN  
[54] **SPEAKER STRUCTURE**  
[54] **STRUCTURE DE HAUT-PARLEUR**  
[72] KOWAKI, HIROSHI, JP  
[72] YOSHII, HIROYUKI, JP  
[73] FUJITSU TEN LIMITED, JP  
[73] TIMEDOMAIN CORPORATION, JP  
[22] 2001-06-06  
[30] JP (2000-177180) 2000-06-08

[11] **2,351,701**  
[13] C

[51] **Int.Cl. 7G06F 9/44 7G06F 17/21**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPLEMENTING A NATURAL LANGUAGE USER INTERFACE**  
[54] **SYSTEME ET METHODE D'APPLICATION D'UNE INTERFACE-UTILISATEUR EN LANGAGE NATUREL**  
[72] BROWN, MICHAEL, CA  
[72] LAZARIDIS, MIHAL, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2001-06-26  
[30] US (60/215,222) 2000-06-30

[11] **2,353,164**  
[13] C

[51] **Int.Cl. 7H04B 3/54**  
[25] EN  
[54] **RF COMMUNICATION WITH DOWNHOLE EQUIPMENT**  
[54] **COMMUNICATION RF AVEC DE L'EQUIPEMENT DE FOND DE Puits**  
[72] LAYTON, JAMES E., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 2001-07-16  
[30] US (09/617,305) 2000-07-17

[11] **2,354,960**  
[13] C

[51] **Int.Cl. 7A01D 34/54**  
[25] EN  
[54] **A PEDAL ACTUATED HEIGHT ADJUSTMENT MECHANISM FOR A MOWER CUTTING DECK**  
[54] **MECANISME DE REGLAGE EN HAUTEUR ACTIONNE PAR UNE PEDALE, POUR CHASSIS DE TONDEUSE**  
[72] SWARTZENDRUBER, JAMES ALLEN, US  
[72] HELD, BRIAN GEORGE, US  
[73] DEERE & COMPANY, US  
[22] 2001-08-13  
[30] US (09/638,991) 2000-08-15

[11] **2,366,966**  
[13] C

[51] **Int.Cl. 7B23D 47/04 7B23Q 9/00 7B23K 37/04**  
[25] EN  
[54] **CLAMPING POWER TOOL GUIDE WITH INTEGRAL MEASUREMENT TOOL**  
[54] **GUIDE DE SERRAGE D'OUTILS MECANQUES A INSTRUMENT DE MESURE INTEGRE**  
[72] GRONDAHL, DAVID G., CA  
[73] GRONDAHL, DAVID G., CA  
[85] 2001-09-04  
[86] 2001-01-03 (PCT/CA2001/000011)  
[87] (WO2001/049446)  
[30] US (09/478,201) 2000-01-05

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[13] C

[51] **Int.Cl. 7G03G 21/00 7G03G 15/11**  
[25] EN  
[54] **FUSER WEB CLEANING ASSEMBLY FOR AN ELECTROPHOTOGRAPHIC MACHINE**  
[54] **ENSEMBLE DE NETTOYAGE DE BANDE DE BLOC DE FIXATION POUR MACHINE ELECTROPHOTOGRAPHIQUE**  
[72] MORGANTI, TERRY N., US  
[72] ORCHARD, JAMES V., II, US  
[73] EASTMAN KODAK COMPANY, US  
[22] 2002-01-15  
[30] US (09/775,171) 2001-02-01

[11] **2,372,577**  
[13] C

[51] **Int.Cl. 7G08B 3/10 7G08C 17/02**  
[25] EN  
[54] **CD QUALITY WIRELESS CHIME**  
[54] **CARILLON SANS FIL AYANT LA QUALITE SONORE D'UN DISQUE COMPACT**  
[72] XYDIS, THOMAS G., US  
[73] DIMANGO PRODUCTS CORPORATION, US  
[22] 1998-08-10  
[62] 2,244,636  
[30] US (60/055,236) 1997-08-11

[11] **2,374,764**  
[13] C

[51] **Int.Cl. 7G03G 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING PARAMETERS CORRESPONDING TO OPERATION OF AN ELECTROPHOTOGRAPHIC MARKING MACHINE**  
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DES PARAMETRES DE FONCTIONNEMENT D'UNE MACHINE DE MARQUAGE ELECTROPHOTOGRAPHIQUE**  
[72] HOCKEY, DAVID E., US  
[72] REGELSBERGER, MATTHIAS, US  
[73] EASTMAN KODAK COMPANY, US  
[85] 2001-11-20  
[86] 2001-05-11 (PCT/US2001/015400)  
[87] (WO2001/088624)  
[30] US (09/572,524) 2000-05-17

[11] **2,375,064**  
[13] C

[51] **Int.Cl. 7G03G 15/00**  
[25] EN  
[54] **ELECTROPHOTOGRAPHIC PROCESS CONTROL AND DIAGNOSTIC SYSTEM**  
[54] **SYSTEME DE COMMANDE ET DE DIAGNOSTIC DU PROCEDE ELECTROPHOTOGRAPHIQUE**  
[72] ECK, EDWARD M., US  
[72] HOCKEY, DAVID E., US  
[72] REGELSBERGER, MATTHIAS, US  
[73] EASTMAN KODAK COMPANY, US  
[85] 2001-11-23  
[86] 2001-05-11 (PCT/US2001/015448)  
[87] (WO2001/088625)  
[30] US (09/572,526) 2000-05-17

[11] **2,376,997**  
[13] C

[51] **Int.Cl. 7B63H 9/06**  
[25] EN  
[54] **SAIL BODY AND METHOD FOR MAKING**  
[54] **CORPS DE VOILE ET PROCEDE DE FABRICATION**  
[72] BAUDET, JEAN-PIERRE, CH  
[72] BAUDET, JEAN-PIERRE, CH  
[85] 2001-12-18  
[86] 2000-05-02 (PCT/US2000/011959)  
[87] (WO2001/000487)  
[30] US (09/340,276) 1999-06-25

[11] **2,393,484**  
[13] C

[51] **Int.Cl. 7B60C 9/18**  
[25] FR  
[54] **PNEUMATIQUE DONT LA COURONNE EST FABRIQUEE DE TRANCHES ADJACENTES**  
[54] **PNEUMATIC TYRE HAVING A CROWN MADE OF ADJACENT LAYERS**  
[72] LADOUCE, JEAN-PIERRE, FR  
[72] LAURENT, DANIEL, FR  
[73] SEDEPRO, FR  
[22] 1993-05-13  
[62] 2,096,205  
[30] FR (92 05 903) 1992-05-13  
[30] FR (92 15 818) 1992-12-24

[11] **2,394,925**  
[13] C

[51] **Int.Cl. 7F41A 17/04**  
[25] EN  
[54] **HANDGUN**  
[54] **ARME DE POING**  
[72] BANTLE, JOHANNES-AUGUST, DE  
[72] FLUHR, NORBERT, DE  
[73] HECKLER & KOCH GMBH, DE  
[85] 2002-06-19  
[86] 2001-10-23 (PCT/EP2001/012252)  
[87] (WO2002/035171)  
[30] DE (100 52 466.4) 2000-10-23

[11] **2,397,410**  
[13] C

[51] **Int.Cl. 7A47L 11/164 7A47L 11/162**  
[25] EN  
[54] **FLOOR CLEANING APPARATUS HAVING A FLOATING BRUSH**  
[54] **APPAREIL DE NETTOYAGE DE SOLS A BROSSSE FLOTTANTE**  
[72] LEE, DAVIS EMERSON, US  
[72] BESEL, ARLEN DALE, US  
[73] INVISTA TECHNOLOGIES S.A.R.L., US  
[85] 2002-07-12  
[86] 2001-01-24 (PCT/US2001/002370)  
[87] (WO2001/058331)  
[30] US (09/500,837) 2000-02-10

[11] **2,402,541**  
[13] C

[51] **Int.Cl. 7B60J 11/00 7B62D 63/08 7B60J 7/08**  
[25] EN  
[54] **NET SAFETY TOP FOR TRAILERS**  
[54] **FILET DE SECURITE POUR REMORQUE ROUTIERE**  
[72] GIANNIAS, DENNIS, US  
[73] GIANNIAS, DENNIS, US  
[22] 2002-10-10

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[11] **2,403,743**  
[13] C

[51] **Int.Cl. 7B62D 33/04 7B62D 63/08**  
[25] EN  
[54] **TRAILER WITH SIDE WALL HAVING LAMINATE PANEL**  
[54] **REMORQUE A PAROIS LATERALES EN PANNEAUX DE STRATIFIE**  
[72] PALM, JOHN R., US  
[72] JONES, JOHN M., US  
[72] BUCHHOLZ, MARK A., US  
[72] FETZ, CHARLES R., US  
[73] GREAT DANE LIMITED PARTNERSHIP, US  
[22] 2002-09-16  
[30] US (09/954,709) 2001-09-17

[11] **2,406,137**  
[13] C

[51] **Int.Cl. 7F02B 7/00 7F02B 17/00 7F02M 21/02 7F02M 61/04**  
[25] EN  
[54] **CONTROL METHOD AND APPARATUS FOR GASEOUS FUELLED INTERNAL COMBUSTION ENGINE**  
[54] **APPAREIL ET METHODE DE REGULATION POUR MOTEUR A COMBUSTION INTERNE ALIMENTE AU CARBURANT GAZEUX**  
[72] LEBASTARD, OLIVIER, CA  
[72] LI, GUOWEI, CA  
[73] WESTPORT RESEARCH INC., CA  
[22] 2002-10-02

[11] \* **2,408,184**  
[13] C

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

[11] **2,408,579**  
[13] C

[51] **Int.Cl. 7B08B 9/032 7B08B 5/02**  
[25] EN  
[54] **METHOD FOR CLEANING AND RENOVATING PIPELINES**  
[54] **METHODE DE NETTOYAGE ET DE RENOVATION DE PIPELINES**  
[72] WANG, XIAO MING, CA  
[72] WANG, XIAO JUN, CA  
[73] JE CLEANPRESS LTD. CO., CA  
[22] 2002-10-17

[11] **2,408,978**  
[13] C

[51] **Int.Cl. 7H01M 2/00 7H01M 2/02**  
[25] EN  
[54] **BATTERY CARTRIDGE HAVING HOLLOW ELECTRODES AND A RECESS FOR DETECTING MISUSE AND/OR RECESSED TERMINALS**  
[54] **BLOC-PILES COMPRENANT DES ELECTRODES CREUSES ET UN CREUX PERMETTANT DE DETECTER UNE MAUVAISE UTILISATION ET/OU DES BORNES ENCASTREES**  
[72] MITSUI, HIDERO, JP  
[72] HIRATSUKA, MASARU, JP  
[72] TAKEI, TOSHITAKA, JP  
[73] SONY CORPORATION, JP  
[22] 1993-05-21  
[62] 2,096,793  
[30] JP (P04-139358) 1992-05-29  
[30] JP (U04-036562) 1992-05-29  
[30] JP (P04-139359) 1992-05-29

[11] **2,411,829**  
[13] C

[51] **Int.Cl. 7A01D 75/18 7G01D 21/00 7G01M 19/00**  
[25] EN  
[54] **INERTIAL SYSTEM FOR DETECTING FOREIGN OBJECTS BETWEEN CONTRA-ROTATING ROLLS**  
[54] **SYSTEME INERTIEL DETECTANT DES CORPS ETRANGERS ENTRE DES ROULEAUX CONTRAROTATIFS**  
[72] DUNCAN, WAYNE C., CA  
[73] KASHA FARM SUPPLIES LTD., CA  
[22] 2002-11-14  
[30] US (10/022273) 2001-12-20

[11] **2,417,974**  
[13] C

[51] **Int.Cl. 7B01L 1/00 7F25D 31/00 7G01M 7/00**  
[25] EN  
[54] **VARIABLE VOLUME TEST CHAMBER**  
[54] **CHAMBRE D'ESSAI A VOLUME VARIABLE**  
[72] BASTIEN, GILBERT J., US  
[72] BAKER, LUCY A., US  
[72] NESSELROAD, CHRISTOPHER W., US  
[72] MERCADO, ROBERT, US  
[72] BAKER, PETER D., US  
[72] WEINMANN, ROBERT H., US  
[73] SCREENING SYSTEMS, INC., US  
[22] 1995-11-13  
[62] 2,205,263  
[30] US (08/337,769) 1994-11-14

[11] **2,417,975**  
[13] C

[51] **Int.Cl. 7B01L 1/00 7G01M 19/00**  
[25] EN  
[54] **VARIABLE VOLUME TEST CHAMBER**  
[54] **CHAMBRE D'ESSAI A VOLUME VARIABLE**  
[72] BASTIEN, GILBERT J., US  
[72] BAKER, LUCY A., US  
[72] NESSELROAD, CHRISTOPHER W., US  
[72] MERCADO, ROBERT, US  
[72] WEINMANN, ROBERT, US  
[72] BAKER, PETER D., US  
[73] SCREENING SYSTEMS, INC., US  
[22] 1995-11-13  
[62] 2,205,263  
[30] US (08/337,769) 1994-11-14

[11] **2,418,570**  
[13] C

[51] **Int.Cl. 7A63B 63/00**  
[25] EN  
[54] **HOCKEY GOAL WITH POSITIONABLE TARGET GOAL NETS**  
[54] **BUT DE HOCKEY MUNI DE CIBLES EN FILET POUVANT ETRE FIXEES EN DIFFERENTS ENDROITS**  
[72] BIRSS, ARTHUR, CA  
[73] BIRSS, ARTHUR, CA  
[22] 2003-02-06  
[30] US (10/125,032) 2002-04-17

[11] **2,425,093**  
[13] C

[51] **Int.Cl. 7B25H 3/04**  
[25] EN  
[54] **SINGLE STACK RACK**  
[54] **SUPPORT SUPERPOSABLE SIMPLE**  
[72] YANG, QINGHAO, BA  
[73] GLOBAL INDUSTRIES HOLDINGS LTD., BS  
[22] 2003-04-10  
[30] US (10/151,328) 2002-05-21

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[11] **2,425,141**  
[13] C

[51] **Int.Cl. 7D21F 7/08**  
[25] EN  
[54] **PAPER HAVING IMPROVED  
PINHOLE CHARACTERISTICS AND  
PAPERMAKING BELT FOR MAKING  
THE SAME**  
[54] **PAPIER POSSEDANT DE  
MEILLEURES CARACTERISTIQUES  
EN CE QUI CONCERNE LES TROUS  
D'AIGUILLES ET BANDE CONTINUE  
DESTINEE A LA FABRICATION DE CE  
PAPIER**  
[72] RASCH, DAVID MARK, US  
[72] SEWARD, LARRY ODELL, US  
[72] BOUTILIER, GLENN DAVID, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[22] 1997-01-16  
[62] 2,243,322  
[30] US (08/588,643) 1996-01-19

[11] **2,441,656**  
[13] C

[51] **Int.Cl. 7A61K 33/00 7A61P 35/00  
7C02F 1/461**  
[25] EN  
[54] **ELECTROLYTIC REDUCED  
WATER, ANTI-CANCER DRUG, AND  
PRODUCING METHOD AND  
APPARATUS THEREOF**  
[54] **EAU ELECTROLYSEE,  
MEDICAMENT ANTI-CANCER ET  
METHODE DE PRODUCTION ET  
APPAREIL CONNEXES**  
[72] OTSUBO, KAZUMICHI, JP  
[72] SHIRAHATA, SANETAKA, JP  
[73] NIHON TRIM CO., LTD., JP  
[22] 2000-08-25  
[62] 2,316,656  
[30] JP (11-247579) 1999-09-01

[11] **2,443,311**  
[13] C

[51] **Int.Cl. 7E21B 33/12 7E21B 7/08  
7E21B 17/08**  
[25] EN  
[54] **EXPANDABLE RADIALY  
REDUCED TUBULAR MEMBER**  
[54] **RACCORDEMENT EXTENSIBLE  
TUBULAIRE RADIALEMENT REDUIT**  
[72] GANO, JOHN C., US  
[72] FREEMAN, TOMMIE A., US  
[72] LONGBOTTOM, JIM R., US  
[72] BOWLING, JOHN S., US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1999-05-25  
[62] 2,272,680  
[30] US (09/086,716) 1998-05-28

[11] **2,444,547**  
[13] C

[51] **Int.Cl. 7B65D 21/02 7B42C 7/00  
7B65D 25/00 7B65D 25/04 7B42F 13/16  
7B65D 71/52**  
[25] EN  
[54] **LOOSE-LEAF TYPE STORAGE  
DEVICE**  
[54] **DISPOSITIF D'ENTREPOSAGE DU  
TYPE A FEUILLETS MOBILES**  
[72] QINGHAO, YANG, BS  
[73] GLOBAL INDUSTRIES HOLDINGS  
LTD., BS  
[22] 2003-10-10  
[30] TW (092213083) 2003-07-17

[11] **2,445,903**  
[13] C

[51] **Int.Cl. 7B25H 3/02 7B65D 25/00  
7A47F 5/00 7A45C 3/02 7A45C 13/02  
7B65D 71/52**  
[25] EN  
[54] **ACCESSORIES DISPLAY BOX**  
[54] **BOITE-PRESENTOIR  
D'ACCESSOIRES**  
[72] YANG, QINGHAO, BS  
[73] GLOBAL INDUSTRIES HOLDINGS  
LTD., BS  
[22] 2003-10-21  
[30] TW (092213634) 2003-07-25

[11] **2,449,614**  
[13] C

[51] **Int.Cl. 7A62D 1/00**  
[25] EN  
[54] **FIRE EXTINGUISHING  
COMPOSITION AND PROCESS**  
[54] **AGENT EXTINCTEUR; PROCEDE  
DE FABRICATION**  
[72] DOUGHERTY, ALFRED PAUL, JR.,  
US  
[72] FERNANDEZ, RICHARD EDWARD,  
US  
[72] MOORE, DANIEL WATT, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[22] 1990-10-03  
[62] 2,067,385  
[30] US (07/417,654) 1989-10-04

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[21] **2,430,225**  
[13] A1  
[51] Int.Cl. 7F03G 7/06  
[25] FR  
[54] BRAS DE FORCE  
THERMOSTATIQUE  
[54] THERMOSTATIC LIFT LINK  
[72] LACOSTE, JUDE, CA  
[71] LACOSTE, JUDE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,242**  
[13] A1  
[51] Int.Cl. 7G01V 15/00 7G02B 6/00  
7H04B 10/00 7G08C 23/06 7H04B 1/59  
[25] EN  
[54] LARGE ARRAY OF RADIO  
FREQUENCY ID TRANSPONDERS  
DEPLOYED IN AN ARRAY BY USE OF  
DEPLOYING ROWS OF  
TRANSPONDERS THAT UNWIND  
FROM LONG SPOOLS OF HIGH  
STRENGTH FIBER OR TAPE WITH  
PASSIVE RFID TRANSPONDERS  
SEPARATED BY FIXED LENGTHS  
[54] GRAND RESEAU DE  
TRANSPONDEURS  
D'IDENTIFICATION PAR  
RADIOFREQUENCE DEPLOYE EN  
DEROULANT DES RANGEES DE  
TRANSPONDEURS A PARTIR DE  
LONGUES BOBINES DE FIBRE DE  
GRANDE RESISTANCE OU DERUBAN  
COMPRENANT DES  
TRANSPONDEURS  
D'IDENTIFICATION PASSIVE PAR  
RADIOFREQUENCE DISPOSES A  
INTERVALLES FIXES  
[72] SATO, KIMIHIKO ERNST, CA  
[71] SATO, KIMIHIKO ERNST, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,349**  
[13] A1  
[51] Int.Cl. 7E03D 11/13 7E03D 1/012  
7A47K 13/24  
[25] EN  
[54] DROP LESS TOILET SEAT  
[54] TOILETTE SANS CONDENSATION  
[72] NAOUI, MOHAMMED, CA  
[71] NAOUI, MOHAMMED, CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,430,356**  
[13] A1  
[51] Int.Cl. 7G02C 11/00 7H04R 1/10  
[25] EN  
[54] APPARATUS TO PROVIDE  
WIRELESS HEADSET AUDIO DEVICE  
ENCASED WITHIN A FORM FACTOR  
OF A PAIR OF EYEGLASSES,  
SUNGLASSES, OR EYEWARE  
ACCESSORIES  
[54] DISPOSITIF SONORE  
D'ECOUTEUR SANS FIL ENCASTRE  
DANS DES LUNETTES, DES LUNETTES  
DE SOLEIL, OU DES ACCESSOIRES DE  
LUNETTERIE  
[72] SATO, KIMIHIKO ERNST, CA  
[71] SATO, KIMIHIKO ERNST, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,542**  
[13] A1  
[51] Int.Cl. 7E05B 47/00  
[25] FR  
[54] SYSTEME POUR VERROUILLER  
UNE PORTE  
[54] DOOR LOCKING SYSTEM  
[72] ROBERGE, BENOIT, CA  
[71] ROBERGE, BENOIT, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,551**  
[13] A1  
[51] Int.Cl. 7G01N 21/954 7G06F 17/40  
[25] EN  
[54] METHOD AND SYSTEM FOR  
COLLECTING, PROCESSING,  
STORING AND DISTRIBUTING IMAGE  
BASED INFORMATION  
[54] METHODE ET SYSTEME DE  
COLLECTE, TRAITEMENT,  
STOCKAGE ET DISTRIBUTION DE  
DONNEES A BASE D'IMAGES  
[72] DEMERS, DANIEL, CA  
[72] HILARIO, DAVID, CA  
[72] OUELLET, MATHIEU, CA  
[71] DEMERS, DANIEL, CA  
[71] OUELLET, MATHIEU, CA  
[71] LAGACE, JOHANNE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,825**  
[13] A1  
[51] Int.Cl. 7A01D 90/10  
[25] EN  
[54] ROUND BALE HAULER  
[54] REMORQUE POUR BALLES  
RONDES  
[72] LENZ, DON, CA  
[71] LENZ, DON, CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,430,838**  
[13] A1  
[51] Int.Cl. 7B65H 21/00 7B65B 51/06  
7B65H 75/18 7B65D 25/52 7B65D 85/67  
[25] EN  
[54] TAPE DISPENSER/PACKAGE  
[54] EMBALLAGE/DEVIDOIR DE  
RUBAN  
[72] ROBITAILLE, MARTIN, CA  
[71] ROBITAILLE, MARTIN, CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,430,908**  
[13] A1  
[51] **Int.Cl. 7B60D 1/58**  
[25] EN  
[54] **TRAILER EYE**  
[54] **VEISEUR POUR REMORQUE**  
[72] PAULL, GEORGE, CA  
[71] PAULL, GEORGE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,430,936**  
[13] A1  
[51] **Int.Cl. 7B65D 83/04 7A61J 1/03**  
[25] EN  
[54] **MANUALLY OPERATED PILL DISPENSER**  
[54] **DISTRIBUTEUR DE PILULES MANUEL**  
[72] ALLEN, WELLESLEY A., CA  
[71] ALLEN, WELLESLEY A., CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,430,962**  
[13] A1  
[51] **Int.Cl. 7A61L 9/00 7A01C 3/00 7C05F 3/00 7C12M 1/02 7C12M 1/107**  
[25] FR  
[54] **PROCEDE DE DESODORISATION ET DE REDUCTION DE L'AZOTE, PHOSPHORE A PARTIR DES FRACTIONS GAZEUSES EXTRAITES DU LISIER DE PORC**  
[54] **DEODORIZATION AND REDUCTION OF NITROGEN AND PHOSPHORUS FROM GASEOUS FRACTIONS OF LIQUID SWINE MANURE**  
[72] VILANDRE, GILLES, CA  
[71] VILANDRE, GILLES, CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,430,990**  
[13] A1  
[51] **Int.Cl. 7A01G 13/02**  
[25] EN  
[54] **THE PLANT SAVER**  
[54] **COUVERCLE POUR PLANTES « THE PLANT SAVER »**  
[72] PARTIKIAN, KARINE, CA  
[71] PARTIKIAN, KARINE, CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,072**  
[13] A1  
[51] **Int.Cl. 7A01K 1/015 7A47G 9/10**  
[25] EN  
[54] **COMFY CUSHION**  
[54] **COUSSIN CONFORTABLE**  
[72] QUENNEVILLE, LOUISE, CA  
[71] QUENNEVILLE, LOUISE, CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,082**  
[13] A1  
[51] **Int.Cl. 7F25D 1/00**  
[25] EN  
[54] **ENVIRO FRIDGE**  
[54] **ENVIRO-FRIGO**  
[72] MARTENS, KYLE, CA  
[71] MARTENS, KYLE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,113**  
[13] A1  
[51] **Int.Cl. 7G01N 33/543 7G01N 33/53 7G01N 33/58**  
[25] EN  
[54] **METHOD AND IMMUNOASSAY EMPLOYING POLYSTYRENE NANOPARTICLES**  
[54] **IMMUNO-ESSAI ET METHODE CONNEXE UTILISANT DES NANOPARTICULES DE POLYSTYRENE**  
[72] WANG, ZHIGANG, CA  
[72] TIAN, YING LIANG, CA  
[71] MEDISTAR BIOTECH INC., CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,183**  
[13] A1  
[51] **Int.Cl. 7G06F 17/28 7G06F 3/00 7G10L 15/22 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR NATURAL LANGUAGE RECOGNITION COMMAND INTERFACE AND DATA MANAGEMENT**  
[54] **METHODE ET SYSTEME D'INTERFACE DE COMMANDE ET DE GESTION DE DONNEES A RECONNAISSANCE DU LANGAGE NATUREL**  
[72] CHACON, STEVEN, CA  
[71] ATC DYNAMICS INC., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,277**  
[13] A1  
[51] **Int.Cl. 7A01K 5/02 7A01K 61/02**  
[25] EN  
[54] **FEEDING APPARATUS**  
[54] **APPAREIL D'ALIMENTATION**  
[72] WANG, CHIAO-MING, XX  
[71] MEIKO PET CORPORATION, XX  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,280**  
[13] A1  
[51] **Int.Cl. 7F04B 47/12**  
[25] EN  
[54] **BYPASS VALVE FOR A FLOW THROUGH GAS LIFT PLUNGER**  
[54] **CLAPET DE DERIVATION POUR PLONGEUR DE POUSSEE DE GAZ A ORIFICES D'ECOULEMENT**  
[72] VERMEEREN, THOMAS HUBERT, CA  
[71] VERMEEREN, THOMAS HUBERT, CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,281**  
[13] A1

[51] **Int.Cl. 7B65B 1/04 7B65B 1/30**  
[25] EN  
[54] **METHOD OF FILLING BAGS WITH GRANULAR MATERIAL**  
[54] **METHODE DE REMPLISSAGE DE SACS DE MATIERE GRANULAIRE**  
[72] JEWELL, GLEN ALVIN, CA  
[71] JEWELL, GLEN ALVIN, CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,289**  
[13] A1

[51] **Int.Cl. 7B60R 27/00 7B62D 25/12**  
[25] EN  
[54] **HOOD DEFLECTOR SPACER**  
[54] **ESPACEUR DE DEFLECTEUR DE CAPOT**  
[72] KINZEL, STANLEY GRANT, CA  
[71] FOCUS AUTO DESIGN INC., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,295**  
[13] A1

[51] **Int.Cl. 7E05D 11/10**  
[25] EN  
[54] **CHECKER-EQUIPPED DOOR HINGE**  
[54] **CHARNIERE DE PORTE MUNIE D'UNE BUTEE**  
[72] OCHIAI, MANABU, JP  
[71] RIKENKAKI KOGYO KABUSHIKI KAISHA, JP  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,336**  
[13] A1

[51] **Int.Cl. 7D04H 1/70 7A47L 13/17**  
[25] EN  
[54] **NON-WOVEN FABRICS USEFUL FOR HARD SURFACE CLEANING AND BODY CLEANSING APPLICATIONS**  
[54] **NONTISSE POUR LE NETTOYAGE DES SURFACES DURES ET LE NETTOYAGE CORPOREL**  
[72] SCHEUBEL, GERARD, CA  
[71] TEXEL INC., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,342**  
[13] A1

[51] **Int.Cl. 7A63H 3/04**  
[25] EN  
[54] **ANIMATED PLUSH TOY**  
[54] **JOUET EN PELUCHE ANIME**  
[72] RUSSO-BARONE, SUSANNA, CA  
[71] RUSSO-BARONE, SUSANNA, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,350**  
[13] A1

[51] **Int.Cl. 7F16G 11/12 7D07B 9/00**  
[25] EN  
[54] **WIRE ROPE INSTALLATION CONNECTOR**  
[54] **RACCORD DE CABLE METALLIQUE**  
[72] GAGNON, PAUL-ANDRE, CA  
[72] LANDRY, FREDERIC, CA  
[71] WIRE ROPE INDUSTRIES LTD./INDUSTRIES DE CABLES D'ACIER LTEE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,353**  
[13] A1

[51] **Int.Cl. 7E05D 11/10**  
[25] EN  
[54] **CHECKER-EQUIPPED DOOR HINGE**  
[54] **CHARNIERE DE PORTE MUNIE D'UNE BUTEE**  
[72] OCHIAI, MANABU, JP  
[71] RIKENKAKI KOGYO KABUSHIKI KAISHA, JP  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,386**  
[13] A1

[51] **Int.Cl. 7G09B 1/30 7A63F 3/00 7G09B 19/22**  
[25] EN  
[54] **EDUCATIONAL AID**  
[54] **MATERIEL DIDACTIQUE**  
[72] BOUCHARD, GUYLAINE, CA  
[71] BOUCHARD, GUYLAINE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,423**  
[13] A1

[51] **Int.Cl. 7A01M 31/02 7E06C 7/16 7E06C 1/34**  
[25] EN  
[54] **TREE STAND WITH ADJUSTABLE LEVELING MECHANISMS**  
[54] **PLATE-FORME MUNIE DE MECANISMES DE MISE A NIVEAU REGLABLES**  
[72] WOLFORD, DERRELL, US  
[71] WOLFORD, DERRELL, US  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,425**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A61K 48/00 7A61P 9/00 7A01K 67/027 7C12N 15/67 7A61K 31/7088 7C12N 15/87 7C12N 15/90**  
[25] EN  
[54] **EPAS1 GENE TRANSFER TO IMPROVE CELL THERAPY**  
[54] **TRANSFERT DU GENE EPAS1 POUR AMELIORER LA THERAPIE CELLULAIRE**  
[72] FORTIN, ANOUK, ZZ  
[72] GUY, LOUIS-GEORGES, ZZ  
[71] ANGIOGENE, INC., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,431,430**  
[13] A1

[51] **Int.Cl. 7B66F 7/24 7E01D 1/00 7E04G 27/00 7B60S 5/00 7E01D 15/12**  
[25] EN  
[54] **MOLDED PLASTIC LEVELLING RAMP WITH BUILT-IN REINFORCEMENT**  
[54] **RAMPE DE MISE A NIVEAU EN PLASTIQUE MOULE AVEC RENFORTS INTEGRES**  
[72] RICHARDS, MICHAEL R., CA  
[72] VOLD, TONY CLIFFORD, CA  
[71] RICHARDS, MICHAEL R., CA  
[71] VOLD, TONY CLIFFORD, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,436**  
[13] A1  
[51] **Int.Cl. 7B32B 27/32 7B29D 9/00**  
[25] EN  
[54] **LAMINATED POLYOLEFIN FILMS AND METHODS OF PRODUCTION THEREOF BY COEXTRUSION**  
[54] **PELLICULES STRATIFIEES A BASE DE POLYOLEFINE ET METHODES DE PRODUCTION PAR COEXTRUSION DESDITS PRODUITS**  
[72] KAMEI, TOSHIYA, JP  
[72] HIEI, MICHIIYA, JP  
[72] ITAYA, YUKIYASU, JP  
[71] TAKEMOTO YUSHI KABUSHIKI KAISHA, JP  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,444**  
[13] A1  
[51] **Int.Cl. 7B65D 21/06**  
[25] EN  
[54] **MULTI-LEVEL STACKING CONTAINER**  
[54] **CONTENANT EMPILABLE MULTINIVEAU**  
[72] RAGHUNATHAN, NARAYAN, CA  
[71] NORSEMAN PLASTICS LIMITED, CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,445**  
[13] A1  
[51] **Int.Cl. 7A47L 7/00 7A47L 9/00 7A47L 9/10**  
[25] EN  
[54] **WET-DRY VACUUM CLEANING DEVICE**  
[54] **ASPIRATEUR POUR DECHETS SOLIDES ET HUMIDES**  
[72] ORUBOR, LAWRENCE, CA  
[71] ORUBOR, LAWRENCE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,447**  
[13] A1  
[51] **Int.Cl. 7G06M 7/00**  
[25] EN  
[54] **APPARATUS FOR COUNTING EMPTY CANS**  
[54] **COMPTEUR DE CANNETTES VIDES**  
[72] ARNOLD, JAMES E., CA  
[71] ARNOLD, JAMES E., CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,449**  
[13] A1  
[51] **Int.Cl. 7A47C 7/54 7B60N 2/46**  
[25] EN  
[54] **ARMREST WITH OAK VENEER LAYER**  
[54] **APPUI-BRAS AVEC PLACAGE DE CHENE**  
[72] CHUNG, PEI-CHIANG, XX  
[71] CHUNG, PEI-CHIANG, XX  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,454**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING ONLINE APPLICATIONS**  
[54] **METHODE ET SYSTEME DE GESTION D'APPLICATIONS EN LIGNE**  
[72] MARTIN, LUC, CA  
[71] WRAPPED APPS CORPORATION, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,467**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OPTIMIZING THE COST OF BUYING AND SELLING ELECTRICAL ENERGY**  
[54] **SYSTEME ET METHODE D'OPTIMISATION DU COUT D'ACHAT ET DU COUT DE VENTE DE L'ENERGIE ELECTRIQUE**  
[72] PHILIP, ROLFE, CA  
[72] THOMSON, JOHN, CA  
[72] RICHARDS, DAVID, CA  
[71] NRGEN INC., CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,473**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING AND MANAGING CLAIM FORMS**  
[54] **SYSTEME ET METHODE DE TRAITEMENT ET DE GESTION DE FORMULAIRES DE RECLAMATION**  
[72] DAVID, LINDEE, CA  
[71] JANSSEN-ORTHO, INC., CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,523**  
[13] A1  
[51] **Int.Cl. 7A01G 9/02 7A01G 9/20**  
[25] EN  
[54] **ROTARY PLANT GROWING APPARATUS**  
[54] **APPAREIL ROTATIF POUR LA CULTURE DES PLANTES**  
[72] DUMONT, GILLES, CA  
[71] DUMONT, GILLES, CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,554**  
[13] A1  
[51] **Int.Cl. 7H04L 12/20 7H04L 7/00**  
[25] FR  
[54] **BANDWIDTH RELATIVE STREAMING**  
[54] **LECTURE EN CONTINU SELON LA LARGEUR DE BANDE**  
[72] TANSANU, DAN, CA  
[72] LANGLOIS, VINCENT, CA  
[71] INFOGRAPH TECHNOLOGIES INC., CA  
[22] 2003-06-10  
[41] 2004-12-10

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,431,557**  
[13] A1

[51] **Int.Cl. 7C07D 498/18 7A61P 31/04**  
**7A61K 38/15 7A61K 31/439**  
[25] FR  
[54] **DERIVES DE**  
**STREPTOGRAMINES, LEUR**  
**PREPARATION ET LES**  
**COMPOSITIONS QUI LES**  
**CONTIENNENT**  
[54] **DERIVATIVES OF**  
**STREPTOGRAMINS, THEIR**  
**PREPARATION AND COMPOSITIONS**  
**CONTAINING THEM**  
[72] DESMAZEAU, PASCAL, FR  
[72] RONAN, BAPTISTE, FR  
[72] BARRIERE, JEAN-CLAUDE, FR  
[72] BACQUE, ERIC, FR  
[71] AVENTIS PHARMA S.A., FR  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,560**  
[13] A1

[51] **Int.Cl. 7C07D 498/18 7A61P 31/04**  
**7A61K 38/15 7A61K 31/439**  
[25] FR  
[54] **DERIVES DE**  
**STREPTOGRAMINES, LEUR**  
**PREPARATION ET LES**  
**COMPOSITIONS QUI LES**  
**CONTIENNENT**  
[54] **DERIVATIVES OF**  
**STREPTOGRAMINS, THEIR**  
**PREPARATION AND COMPOSITIONS**  
**CONTAINING THEM**  
[72] BACQUE, ERIC, FR  
[72] RONAN, BAPTISTE, FR  
[72] BARRIERE, JEAN-CLAUDE, FR  
[72] DESMAZEAU, PASCAL, FR  
[71] AVENTIS PHARMA S.A., FR  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,596**  
[13] A1

[51] **Int.Cl. 7A47G 9/10 7A47G 9/00**  
**7A61G 7/07**  
[25] EN  
[54] **THERAPEUTIC PILLOW**  
[54] **OREILLER THERAPEUTIQUE**  
[72] SHAPIRO, RITALEE, US  
[71] SHAPIRO, RITALEE, US  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,603**  
[13] A1

[51] **Int.Cl. 7H01J 49/26 7H01J 49/36**  
[25] EN  
[54] **MASS SPECTROMETER**  
[54] **SPECTROMETRE DE MASSE**  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] GILES, KEVIN, GB  
[71] MICROMASS UK LIMITED, GB  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,604**  
[13] A1

[51] **Int.Cl. 7E21B 43/12**  
[25] EN  
[54] **A METHOD OF CIRCULATING**  
**THROUGH A RECIPROCATING**  
**DOWNHOLE TUBING PUMP AND A**  
**RECIPROCATING DOWNHOLE**  
**TUBING PUMP**  
[54] **METHODE DE CIRCULATION**  
**PAR POMPE ALTERNATIVE DE FOND**  
**ET POMPE ALTERNATIVE DE FOND**  
[72] BURNS, BRADLEY GERALD, CA  
[72] WALKER, STACY JAMES, CA  
[72] ELFORD, WENDALL WAYNE, CA  
[71] BURNS, BRADLEY GERALD, CA  
[71] WALKER, STACY JAMES, CA  
[71] ELFORD, WENDALL WAYNE, CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,608**  
[13] A1

[51] **Int.Cl. 7G09F 1/10**  
[25] EN  
[54] **DISPLAY HOLDER FOR**  
**PHOTOGRAPHS AND THE LIKE**  
[54] **PRESENTOIR POUR**  
**PHOTOGRAPHIES ET AUTRES**  
**ARTICLES DU MEME GENRE**  
[72] KOSTENIUK, STEVE, CA  
[71] KOSTENIUK, STEVE, CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,610**  
[13] A1

[51] **Int.Cl. 7B27M 3/04 7B27G 11/00**  
**7B32B 31/10 7B32B 7/12 7E04F 15/16**  
[25] EN  
[54] **FLEXIBLE SELF-ADHESIVE**  
**HARDWOOD FLOOR BOARD**  
[54] **LAME DE PARQUET SOUPLE**  
**AUTOCOLLANTE EN BOIS FRANC**  
[72] BELIVEAU, JEAN-LOUIS, CA  
[71] BELIVEAU, JEAN-LOUIS, CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,620**  
[13] A1

[51] **Int.Cl. 7B01D 61/08**  
[25] EN  
[54] **MEMBRANE AND HYDRAULIC**  
**INTENSIFIER PURIFICATION**  
**SYSTEM**  
[54] **SYSTEME DE PURIFICATION A**  
**MULTIPLICATEUR DE PRESSION**  
**HYDRAULIQUE ET A MEMBRANE**  
[72] FOREST, DANIEL L., US  
[71] FOREST, DANIEL L., US  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,624**  
[13] A1

[51] **Int.Cl. 7F24F 13/20**  
[25] EN  
[54] **SCREEN FRAME HAVING**  
**CORNERS UNDER COMPRESSION**  
[54] **CADRE DE GRILLE AVEC COINS**  
**SOUS COMPRESSION**  
[72] WYLIE, DOUGLAS H., CA  
[71] SAINT-GOBAIN BAYFORM  
CANADA, INC., CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,627**  
[13] A1

[51] **Int.Cl. 7A61G 3/08**  
[25] EN  
[54] **MOBILITY AID SECUREMENT**  
**FOR VEHICLES**  
[54] **DISPOSITIF D'ARRIMAGE D'AIDE**  
**DE LOCOMOTION POUR VEHICULES**  
[72] ADAMS, THOMAS C., US  
[72] TAKACS, JOSEPH JR., US  
[72] REGER, STEVEN I., US  
[72] CARDONA, EDGARDO, US  
[71] KINEDYNE CORPORATION, US  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,628**  
[13] A1  
[51] **Int.Cl. 7G07F 7/04 7G07D 13/00**  
[25] EN  
[54] **BANKNOTE RECEIVER FOR TICKET VENDOR**  
[54] **RECEPTEUR DE BILLETS DE BANQUE POUR DISTRIBUTEUR DE BILLETS**  
[72] CHIEN, TIEN-YUAN, XX  
[71] INTERNATIONAL CURRENCY TECHNOLOGIES CORPORATION, XX  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,431,700**  
[13] A1  
[51] **Int.Cl. 7B64B 1/00 7H02K 7/18**  
[25] EN  
[54] **INFLATABLE CONTROLLED KITE FOR ELECTRICAL GENERATION**  
[54] **CERF-VOLANT GONFLABLE COMMANDE SERVANT A LA PRODUCTION D'ELECTRICITE**  
[72] DRESSLER, LYLE, CA  
[71] DRESSLER, LYLE, CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,431,729**  
[13] A1  
[51] **Int.Cl. 7A47K 3/022 7A47K 3/00 7A61G 9/02**  
[25] EN  
[54] **SHOWER APPARATUS FOR SEATED OCCUPANT**  
[54] **DOUCHIERE POUR OCCUPANT ASSIS**  
[72] STORM, DAVID B., US  
[71] STORM, DAVID B., US  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,732**  
[13] A1  
[51] **Int.Cl. 7B21D 13/02 7B21D 53/02 7F28F 13/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING A TURBULIZER**  
[54] **METHODE ET DISPOSITIF DE FORMATION D'UN AGITATEUR**  
[72] STEFANOIU, DAN CONSTANTIN, CA  
[72] ZURAWEL, PETER, CA  
[72] CHEONG, ALEX S., CA  
[72] IZARD, JOHN W., CA  
[71] DANA CANADA CORPORATION, CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,734**  
[13] A1  
[51] **Int.Cl. 7A01K 61/00**  
[25] EN  
[54] **FRICTION ENHANCED COLDWATER ELASTIC BANDS**  
[54] **BANDES ELASTIQUES PRESENTANT UNE MEILLEURE ADHERENCE DANS L'EAU FROIDE**  
[72] GAVEL, ROBERT, CA  
[71] NAVIGATOR INTERNATIONAL MARKETING LTD., CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,792**  
[13] A1  
[51] **Int.Cl. 7C11C 5/00**  
[25] EN  
[54] **CREAMY CANDLE MAKING COMPOUND**  
[54] **COMPOSE POUR FABRIQUER DES BOUGIES A TEXTURE CREMEUSE**  
[72] ROY, CLAUDE, CA  
[71] ROY, CLAUDE, CA  
[22] 2003-06-06  
[41] 2004-12-06  
[30] US (60/385,940) 2003-06-06

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[21] **2,431,805**  
[13] A1  
[51] **Int.Cl. 7A47C 17/13 7A47C 13/00 7A47C 4/04**  
[25] EN  
[54] **MATTRESS LEG REST SECTION FOR AN ARTICULATABLE BED CONVERTIBLE TO A CHAIR POSITION**  
[54] **SECTION DE MATELAS POUR LE SUPPORT DES JAMBES POUR LIT ARTICULE TRANSFORMABLE EN FAUTEUIL**  
[72] RENE, PIERRE, CA  
[71] RENE, PIERRE, CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,824**  
[13] A1  
[51] **Int.Cl. 7E21B 25/00**  
[25] EN  
[54] **CONTINUOUS FEED DRILLING SYSTEM**  
[54] **DISPOSITIF DE FORAGE A ALIMENTATION CONTINUE**  
[72] SILAY, LOUIS E., US  
[72] DYCUS, WILLIAM V., US  
[71] BOART LONGYEAR CO., US  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,840**  
[13] A1  
[51] **Int.Cl. 7B01J 19/10 7B06B 1/06**  
[25] EN  
[54] **ENHANCING REACTIONS BY INCREASING THE SURFACE AREA OF REACTANTS WITH ULTRA-SONIC VIBRATION**  
[54] **INTENSIFICATION DES REACTIONS PAR ACCROISSEMENT DE LA SURFACE ACTIVE DES REACTANTS A L'AIDE DE VIBRATIONS ULTRASONORES**  
[72] JAKOWEC, IHOR, CA  
[71] JAKOWEC, IHOR, CA  
[22] 2003-06-05  
[41] 2004-12-05

**Demandes canadiennes mises à la disponibilité du public**  
**5 décembre 2004 au 11 décembre 2004**

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[21] **2,431,843**  
[13] A1

[51] **Int.Cl. 7G09F 7/18 7B62H 3/00 7G09F 7/04**  
[25] EN  
[54] **BICYCLE STAND SIGN**  
[54] **PANNEAU POUR SUPPORT DE BICYCLETTES**  
[72] ERSKINE, IAN S., CA  
[72] COOPER, GARRY T., CA  
[71] ERSKINE, IAN S., CA  
[71] COOPER, GARRY T., CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,847**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/34**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING AVAILABLE UPLINK TRANSMIT POWER**  
[54] **SYSTEME ET METHODE DE GESTION DE PUISSANCE D'EMISSION DE LIAISON MONTANTE DISPONIBLE**  
[72] GERKIS, ANTHONY, CA  
[72] RAMESH, MANTHA, CA  
[71] GERKIS, ANTHONY, CA  
[71] RAMESH, MANTHA, CA  
[22] 2003-06-09  
[41] 2004-12-09

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[21] **2,431,968**  
[13] A1

[51] **Int.Cl. 7G08B 13/19 7G06F 19/00 7G01P 13/00 7G08C 17/02 7G01D 7/04**  
[25] EN  
[54] **MULTI-PROCESSOR BURGLAR-PROOF APPARATUS**  
[54] **DISPOSITIF A MULTIPROCESSEUR ANTI-VOL**  
[72] LIAO, YI-CHIA, XX  
[71] LIAO, YI-CHIA, XX  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,969**  
[13] A1

[51] **Int.Cl. 7H01S 5/065 7H01L 33/00 7H01S 5/187**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPRESSION OF SPATIAL-HOLE BURNING IN SECOND OR HIGHER ORDER DFB LASERS**  
[54] **METHODE ET APPAREIL DE SUPPRESSION DE SATURATION SPECTRALEMENT SELECTIVE DANS DES LASERS A RETROACTION REPARTIE DU DEUXIEME ORDRE OU D'ORDRE SUPERIEUR**  
[72] SHAMS-ZADEH-AMIRI, ALI M., CA  
[72] HASLETT, TOM, CA  
[72] SADEGHI, SEYED MOSTAFA, CA  
[72] LI, WEI, CA  
[71] PHOTONAMI INC., CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,431,975**  
[13] A1

[51] **Int.Cl. 7A01C 7/08 7A01C 7/20**  
[25] EN  
[54] **PRODUCT DIVERTER VALVE AND COLLECTOR APPARATUS FOR AIR DRILL SEEDING SYSTEM**  
[54] **DISPOSITIF A COLLECTEUR ET A VANNE D'AIGUILLAGE DE PRODUITS POUR SEMOIR PNEUMATIQUE**  
[72] OCHITWA, CORY W., CA  
[72] FUESSEL, JASON M., CA  
[72] BARSİ, BARRY B., CA  
[72] GRODECKI, LAWRENCE S.J., CA  
[72] ANDERSON, KEVIN A., CA  
[71] MORRIS INDUSTRIES LTD., CA  
[22] 2003-06-12  
[41] 2004-12-10  
[30] US (10/458,467) 2003-06-10

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[21] **2,432,239**  
[13] A1

[51] **Int.Cl. 7H04L 29/12 7H04L 12/12 7G01S 5/14 7H04Q 7/36 7G06F 17/40 7G06F 13/42**  
[25] EN  
[54] **TRANSPORTATION COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION POUR LE SECTEUR DES TRANSPORTS**  
[72] KROPLA, WILLIAM C., CA  
[72] WAREING, RICHARD T., CA  
[72] FRASER, MICHAEL A., CA  
[71] REIMER TECHNOLOGY GROUP INC., CA  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,432,254**  
[13] A1

[51] **Int.Cl. 7A01C 15/00 7A01C 5/06**  
[25] EN  
[54] **FERTILIZER KNIFE**  
[54] **COUTEAU A ENGRAIS**  
[72] NOWOSAD, ANTHONY W., CA  
[71] NOWOSAD, ANTHONY W., CA  
[22] 2003-06-11  
[41] 2004-12-11

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[21] **2,432,267**  
[13] A1

[51] **Int.Cl. 7F16M 3/00 7B65G 7/02 7B62B 3/04**  
[25] EN  
[54] **UNIVERSAL MOBILE BASE**  
[54] **BASE MOBILE UNIVERSELLE**  
[72] ERBACH, STEVEN ALDEN, US  
[71] WMH TOOL GROUP, INC., US  
[22] 2003-06-11  
[41] 2004-12-10  
[30] US (UNKNOWN) 2003-06-10

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[21] **2,432,305**  
[13] A1

[51] **Int.Cl. 7A63B 57/00**  
[25] EN  
[54] **CORRECTING GOLF TEE**  
[54] **TEE CORRECTEUR POUR LE GOLF**  
[72] BRETON, GERARD A., CA  
[71] BRETON, GERARD A., CA  
[22] 2003-06-06  
[41] 2004-12-06

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[21] **2,432,401**  
[13] A1

[51] **Int.Cl. 7E05B 65/12 7E05B 65/19**  
[25] EN  
[54] **DOOR LOCKING SYSTEM FOR MOTOR VEHICLE**  
[54] **SYSTEME DE VERROUILLAGE DE PORTIERE POUR VEHICULE A MOTEUR**  
[72] TAKEUCHI, SHIGERU, JP  
[72] HASHIBA, YASUHIRO, JP  
[72] SAHASHI, YASUNORI, JP  
[71] ANSEI CORPORATION, JP  
[71] SHIROKI CORPORATION, JP  
[22] 2003-06-10  
[41] 2004-12-10

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[21] **2,432,557**  
[13] A1  
[51] **Int.Cl. 7B05B 12/00 7B05B 1/02**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO FLUID CONTROL IN JETS**  
[54] **AMELIORATIONS CONNEXES AU CONTROLE DES FLUIDES DANS DES JETS**  
[72] ENGLEFIELD, DEREK JOHN, NZ  
[72] BLADEN, ROY VICTOR, NZ  
[71] AQUA-TECHNIK LIMITED, NZ  
[22] 2003-06-17  
[41] 2004-12-11  
[30] NZ (526397) 2003-06-11

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[21] **2,436,471**  
[13] A1  
[51] **Int.Cl. 7B23K 9/32**  
[25] EN  
[54] **SUPERIOR LINER**  
[54] **GAINÉ SUPERIEURE**  
[72] CYR, GERARD L., CA  
[71] CYR, GERARD L., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,437,462**  
[13] A1  
[51] **Int.Cl. 7A63B 57/00**  
[25] EN  
[54] **DURABLE GOLF TEE**  
[54] **TEE DE GOLF DURABLE**  
[72] BRETON, GERARD A., CA  
[71] BRETON, GERARD A., CA  
[22] 2003-08-07  
[41] 2004-12-06  
[30] CA (2,432,305) 2003-06-06

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[21] **2,437,645**  
[13] A1  
[51] **Int.Cl. 7G06F 17/20 7H04L 9/30**  
[25] EN  
[54] **ELECTRONIC DOCUMENT MANAGEMENT SYSTEM WITH THE USE OF SIGNATURE TECHNIQUE CAPABLE OF MASKING**  
[54] **SYSTEME DE GESTION DE DOCUMENTS ELECTRONIQUES UTILISANT UNE TECHNIQUE DE SIGNATURE CAPABLE DE MASQUER**  
[72] KUMAGAI, YOKO, JP  
[72] TAKEUCHI, JUNICHI, JP  
[72] HANE, SHINGO, JP  
[72] KAJI, TADASHI, JP  
[72] FUJISHIRO, TAKAHIRO, JP  
[71] HITACHI, LTD., JP  
[22] 2003-08-20  
[41] 2004-12-06  
[30] JP (2003-161505) 2003-06-06

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[21] **2,443,809**  
[13] A1  
[51] **Int.Cl. 7B23K 9/32**  
[25] EN  
[54] **SUPERIOR LINER**  
[54] **GAINÉ SUPERIEURE**  
[72] CYR, GERARD L., CA  
[71] CYR, GERARD L., CA  
[22] 2003-06-05  
[41] 2004-12-05

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[21] **2,446,335**  
[13] A1  
[51] **Int.Cl. 7F16K 31/10**  
[25] EN  
[54] **LOW POWER DC SOLENOID VALVE**  
[54] **SOUPAPE A SOLENOIDE A COURANT CONTINU DE FAIBLE PUISSANCE**  
[72] GNADINGER, ERRIN WHITNEY, US  
[72] KAPPLER, JERROD AARON, US  
[72] BRONIAK, JAY ANDREW, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2003-10-23  
[41] 2004-12-10  
[30] US (10/458,660) 2003-06-10

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[21] **2,447,071**  
[13] A1  
[51] **Int.Cl. 7F02B 51/00**  
[25] EN  
[54] **FUEL COMBUSTION SAVING APPARATUS**  
[54] **DISPOSITIF D'ECONOMIE DE COMBUSTION DE CARBURANT**  
[72] SAKAKIBARA, AKIRA, JP  
[71] SAKAKIBARA, AKIRA, JP  
[22] 2003-10-28  
[41] 2004-12-09  
[30] JP (2003-163299) 2003-06-09

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[21] **2,447,943**  
[13] A1  
[51] **Int.Cl. 7B41F 21/04 7B41F 15/40**  
[25] EN  
[54] **SUPPLY SYSTEM FOR A SILK-SCREEN PRINTING MACHINE**  
[54] **SYSTEME D'ALIMENTATION POUR MACHINE D'IMPRESSION A ECRAN DE SOIE**  
[72] RESTELLI, ALESSANDRO, IT  
[72] BELLU, LUIGI, IT  
[72] PRINCIPE, GIUSEPPE, IT  
[71] SIASPRINT S.R.L., IT  
[22] 2003-11-04  
[41] 2004-12-10  
[30] IT (MI2003A 001162) 2003-06-10

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[21] **2,449,584**  
[13] A1  
[51] **Int.Cl. 7A47J 37/06 7A47J 37/00**  
[25] EN  
[54] **AUTOMATIC ROASTING APPARATUS**  
[54] **ROTISSOIRE AUTOMATIQUE**  
[72] XU, ZHAOXIA, US  
[72] PENG, ZHENG, US  
[71] XU, ZHAOXIA, US  
[71] PENG, ZHENG, US  
[22] 2003-11-03  
[41] 2004-12-09  
[30] US (10/250,170) 2003-06-09

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[21] **2,450,629**  
[13] A1

[51] **Int.Cl. 7B21F 27/10 7D03D 3/02 7D03D 15/02 7D21F 1/10**  
[25] EN  
[54] **DIAGONALLY JOINED CYLINDRICAL FABRIC AND MANUFACTURING METHOD THEREOF**  
[54] **TISSU CYLINDRIQUE RELIE EN DIAGONALE ET METHODE DE FABRICATION CONNEXE**  
[72] FUJIMURA, TATSUYA, JP  
[72] YAMANAKA, HIROSHI, JP  
[71] NIPPON FILCON CO., LTD., JP  
[22] 2003-11-25  
[41] 2004-12-11  
[30] JP (2003-166230) 2003-06-11

[21] **2,451,921**  
[13] A1

[51] **Int.Cl. 7A47L 9/06 7A47L 9/04**  
[25] EN  
[54] **TURBIN BRUSH**  
[54] **BROSSE A TURBINE**  
[72] JOO, SUNG-TAE, KR  
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
[22] 2003-12-02  
[41] 2004-12-09  
[30] KR (2003-36896) 2003-06-09

[21] **2,453,472**  
[13] A1

[51] **Int.Cl. 7B62B 11/00 7A01K 1/00**  
[25] EN  
[54] **SLAT CARRIER**  
[54] **TRANSPORTEUR DE LATTES**  
[72] DOEDEN, KENNETH, US  
[71] DOEDEN, KENNETH, US  
[22] 2003-12-17  
[41] 2004-12-06  
[30] US (10/455,968) 2003-06-06

[21] **2,453,852**  
[13] A1

[51] **Int.Cl. 7H01J 49/40 7H01J 49/10**  
[25] EN  
[54] **MASS SPECTROMETER**  
[54] **SPECTROMETRE DE MASSE**  
[72] WILDGOOSE, JASON LEE, GB  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] HOYES, JOHN BRIAN, GB  
[72] LANGRIDGE, JAMES IAN, GB  
[71] MICROMASS UK LIMITED, GB  
[22] 2003-12-22  
[41] 2004-12-06  
[30] GB (0313054.9) 2003-06-06

[21] **2,454,311**  
[13] A1

[51] **Int.Cl. 7E02B 8/08 7E02B 3/10**  
[25] EN  
[54] **WATER CONTAINMENT STRUCTURE WITH FISH LADDER**  
[54] **STRUCTURE DE CONFINEMENT D'EAU AVEC ECHELLE A POISSONS**  
[72] DOOLAEGE, DAVID, US  
[71] DOOLAEGE, DAVID, US  
[22] 2003-12-29  
[41] 2004-12-05  
[30] US (10/454,060) 2003-06-05

[21] **2,455,425**  
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 35/00 7A61K 35/78**  
[25] EN  
[54] **WATER SOLUBLE EXTRACT FROM PLANT OF SOLANUM GENUS AND THE PREPARATION PROCESS THEREOF, AND PHARMACEUTICAL COMPOSITION CONTAINING THE WATER SOLUBLE EXTRACT**  
[54] **EXTRAIT HYDROSOLUBLE DE PLANTE DU GENRE SOLANUM ET METHODE DE PREPARATION CONNEXE, ET COMPOSITION PHARMACEUTIQUE CONTENANT LEDIT EXTRAIT HYDROSOLUBLE**  
[72] KUO, KOU-WHA, TW  
[71] G & E HERBAL BIOTECHNOLOGY CO., LTD., TW  
[71] KUO, KOU-WHA, TW  
[22] 2004-01-20  
[41] 2004-12-05  
[30] TW (92115249) 2003-06-05

[21] **2,459,837**  
[13] A1

[51] **Int.Cl. 7A47B 47/00 7A47B 61/00 7A47B 57/06**  
[25] EN  
[54] **MODULAR SYSTEM OF CLOSET INSIDE PART BASED ON ADJUSTABLE UNITS EASILY ASSEMBLED AND PACKED BY THE USER**  
[54] **SYSTEME MODULAIRE DE PIECES INTERNES D'ARMOIRE BASE SUR DES MODULES REGLABLES FACILEMENT ASSEMBLES PAR L'UTILISATEUR**  
[72] OROZCO, GAVALDON HUMBERTO, MX  
[71] OROZCO, GAVALDON HUMBERTO, MX  
[22] 2004-03-05  
[41] 2004-12-06  
[30] MX (PA/A/2003/005076) 2003-06-06

[21] **2,460,242**  
[13] A1

[51] **Int.Cl. 7G09F 11/24 7G09F 11/26**  
[25] EN  
[54] **APPARATUS FOR A SCROLLING SIGN**  
[54] **APPAREIL POUR SIGNE DE DEFILEMENT**  
[72] KLASSEN, ABRAM, CA  
[72] O'MALLEY, BILL, CA  
[71] KLASSEN, ABRAM, CA  
[71] O'MALLEY, BILL, CA  
[22] 2004-03-08  
[41] 2004-12-05  
[30] US (10/454,471) 2003-06-05

[21] **2,461,484**  
[13] A1

[51] **Int.Cl. 7B65D 90/04 7B65D 90/08**  
[25] EN  
[54] **PLASTIC LINED CONCRETE TANKS EQUIPPED WITH WATERSTOP SYSTEMS**  
[54] **RESERVOIRS EN BETON A REVETEMENT INTERIEUR EN PLASTIQUE MUNIS DE SYSTEMES D'ETANCHEITE**  
[72] GUNNESS, CLARK, US  
[72] COPLEY, JAMES D., US  
[71] CROM CORPORATION, US  
[22] 2004-03-22  
[41] 2004-12-09  
[30] US (10/457,721) 2003-06-09

[21] **2,461,794**  
[13] A1

[51] **Int.Cl. 7H05B 6/76 7F24C 15/00 7F24C 7/02**  
[25] EN  
[54] **METHODS AND APPARATUS FOR OPERATING A SPEEDCOOKING OVEN**  
[54] **METHODES ET APPAREIL AYANT TRAIT AU FONCTIONNEMENT D'UN FOUR A CUISSON RAPIDE**  
[72] TARR, RONALD SCOTT, US  
[72] BARGALE, SUKUMAR DHANPAL, IN  
[72] KINNY, DAVID LAURENCE, US  
[72] PORTARO, LAWRENCE MICHAEL, US  
[72] BAKANOWSKI, STEPHEN MICHAEL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2004-03-25  
[41] 2004-12-06  
[30] US (10/456,305) 2003-06-06

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[21] **2,462,009**  
[13] A1  
[51] Int.Cl. 7H04M 3/493 7G10L 15/22  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING RULES-BASED DIRECTORY ASSISTANCE AUTOMATION**  
[54] **SYSTEME ET METHODE PERMETTANT L'AUTOMATISATION DE L'ASSISTANCE-ANNUAIRE BASEE SUR DES REGLES**  
[72] GALLISTEL, LORIN R., US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2004-03-23  
[41] 2004-12-11  
[30] US (10/458,862) 2003-06-11

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[21] **2,462,026**  
[13] A1  
[51] Int.Cl. 7F24C 7/08 7F24C 15/00 7F24C 7/02 7H05B 6/68  
[25] EN  
[54] **MICROWAVE OVEN SYSTEMS AND METHODS**  
[54] **SYSTEMES ET METHODES APPLICABLES A DES FOURS A MICRO-ONDES**  
[72] BLOCKER, BRIGID, US  
[72] HEAD, JESSE S., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2004-03-25  
[41] 2004-12-10  
[30] US (10/458,585) 2003-06-10

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[21] **2,462,375**  
[13] A1  
[51] Int.Cl. 7A23L 1/29 7A23L 1/00 7A23L 1/0522 7A23L 1/168  
[25] EN  
[54] **TIME RELEASED NUTRITIONAL PRODUCT AND METHOD OF MANUFACTURE**  
[54] **PRODUIT NUTRITIF A ACTION RETARD ET METHODE DE FABRICATION**  
[72] ANGEL, MICHAEL G., US  
[71] ANGEL, MICHAEL G., US  
[22] 2004-03-29  
[41] 2004-12-05  
[30] US (10/457,089) 2003-06-05

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[21] **2,464,201**  
[13] A1  
[51] Int.Cl. 7H04L 12/24 7H04M 3/00 7H04M 11/06 7H04L 12/16  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING TELECOMMUNICATION NUMBER BASED ON PRESENCE**  
[54] **METHODE ET APPAREIL PERMETTANT DE DETERMINER UN NUMERO DE TELECOMMUNICATION EN FONCTION DE LA PRESENCE**  
[72] HEPWORTH, NEIL, AU  
[72] LAVEAU, STEPHANE, FR  
[72] GENTLE, CHRISTOPHER REON, AU  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2004-04-13  
[41] 2004-12-06  
[30] US (10/456,004) 2003-06-06

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[21] **2,464,599**  
[13] A1  
[51] Int.Cl. 7H04B 3/54 7H04M 11/06 7H04B 3/56  
[25] EN  
[54] **DIGITAL COMMUNICATION OVER 28VDC POWER LINE**  
[54] **COMMUNICATION NUMERIQUE SUR LIGNE DE 28 V C.C.**  
[72] SHELTON, MARK A., US  
[72] TUSTISON, RONALD M., US  
[71] THE BOEING COMPANY, US  
[22] 2004-04-14  
[41] 2004-12-11  
[30] US (10/459,840) 2003-06-11

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[21] **2,464,784**  
[13] A1  
[51] Int.Cl. 7H04L 9/00 7G06F 12/14 7H04L 12/22  
[25] EN  
[54] **MULTI-LAYERED FIREWALL ARCHITECTURE**  
[54] **ARCHITECTURE DE PARE-FEU MULTICOUCHE**  
[72] MAYFIELD, PAUL G., US  
[72] SWANDER, BRIAN D., US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-04-19  
[41] 2004-12-06  
[30] US (10/456,766) 2003-06-06

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[21] **2,464,787**  
[13] A1  
[51] Int.Cl. 7H04L 12/24 7H04L 9/00  
[25] EN  
[54] **AUTOMATIC DISCOVERY AND CONFIGURATION OF EXTERNAL NETWORK DEVICES**  
[54] **DECOUVERTE ET CONFIGURATION AUTOMATIQUES DE DISPOSITIFS DE RESEAUX EXTERNES**  
[72] BRUBACHER, DOUGLAS KEITH, US  
[72] GOK, HUSEYIN GOKMEN, US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-04-19  
[41] 2004-12-06  
[30] US (10/456,068) 2003-06-06

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[21] **2,464,988**  
[13] A1  
[51] Int.Cl. 7B65B 13/18  
[25] EN  
[54] **STRAPPING MACHINE WITH AUTOMATIC STRAP CLEARING AND RELOADING**  
[54] **CERCLEUSE AVEC DEGAGEMENT ET RECHARGEMENT AUTOMATIQUE DES SANGLES**  
[72] HABERSTROH, JAMES A., US  
[72] PEARSON, TIMOTHY B., US  
[72] ROMETTY, JOHN A., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-04-21  
[41] 2004-12-06  
[30] US (10/456,616) 2003-06-06

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[21] **2,465,463**  
[13] A1  
[51] Int.Cl. 7B60C 11/00  
[25] EN  
[54] **TWO-PIECE TIRE WITH IMPROVED TIRE TREAD BELT AND CARCASS**  
[54] **PNEU EN DEUX PIECES AVEC BANDE DE ROULEMENT, NAPPE D'ARMATURE ET CARCASSE AMELIOREES**  
[72] HANNA, GREGORY SCOTT, US  
[72] LUDWIG, KRISTINE NICOLE, US  
[72] SEGATTA, THOMAS JOSEPH, US  
[72] RAYMAN, WILLIAM EARL, US  
[72] FUHRIG, THOMAS ROY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2004-04-27  
[41] 2004-12-09  
[30] US (10/457,763) 2003-06-09  
[30] US (10/457,215) 2003-06-09  
[30] US (10/457,735) 2003-06-09

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[21] **2,465,758**  
[13] A1

[51] **Int.Cl. 7B32B 25/08 7B32B 1/08**  
[25] EN  
[54] **HOSE CONSTRUCTION CONTAINING THERMOPLASTIC FLUOROPOLYMER**  
[54] **TUYAU A BASE DE FLUOROPOLYMERE THERMOPLASTIQUE**  
[72] AINSWORTH, CAROL LYNN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2004-04-28  
[41] 2004-12-10  
[30] US (10/458,522) 2003-06-10

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[21] **2,466,405**  
[13] A1

[51] **Int.Cl. 7F25B 21/00 7F25B 41/00 7H01L 35/28**  
[25] EN  
[54] **THERMOELECTRIC HEAT LIFTING APPLICATION**  
[54] **DISPOSITIF THERMOELECTRIQUE D'ASPIRATION**  
[72] GATECLIFF, GEORGE W., US  
[72] HORTON, WILLIAM, US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2004-05-05  
[41] 2004-12-09  
[30] US (10/457,190) 2003-06-09

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[21] **2,466,436**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **BIT BODY FORMED OF MULTIPLE MATRIX MATERIALS AND METHOD FOR MAKING THE SAME**  
[54] **CORPS DE TREPAN FORME DE MATERIAUX DE BASE MULTIPLES, ET METHODE DE FABRICATION**  
[72] KEMBAYAN, KUMAR T., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2004-05-05  
[41] 2004-12-05  
[30] US (10/454,924) 2003-06-05

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[21] **2,466,783**  
[13] A1

[51] **Int.Cl. 7B05B 9/03**  
[25] EN  
[54] **FRICTION FIT PAINT CUP CONNECTION**  
[54] **RACCORD DE GODET A AJUSTEMENT SERRE**  
[72] VELAN, G. MICHAEL, US  
[72] GOSIS, ANATOLY, US  
[72] BAUER, MARK D., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-05-11  
[41] 2004-12-10  
[30] US (10/458,436) 2003-06-10

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[21] **2,466,785**  
[13] A1

[51] **Int.Cl. 7B05B 9/03**  
[25] EN  
[54] **ADJUSTABLE ADAPTER FOR GRAVITY-FEED PAINT SPRAYER**  
[54] **ADAPTATEUR REGLABLE POUR PISTOLET A PEINTURE A ALIMENTATION PAR GRAVITE**  
[72] CHARPIE, MARK E., US  
[72] GOSIS, ANATOLY, US  
[72] KOBETSKY, ROBERT G., US  
[72] KOSMYNA, MICHAEL J., US  
[72] TOCZYCKI, JAN, US  
[72] BURNS, MARVIN D., US  
[72] VELAN, G. MICHAEL, US  
[72] BAUER, MARK D., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-05-11  
[41] 2004-12-10  
[30] US (10/458,548) 2003-06-10

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[21] **2,466,801**  
[13] A1

[51] **Int.Cl. 7B05B 9/03**  
[25] EN  
[54] **DISPOSABLE PAINT CUP ATTACHMENT SYSTEM FOR GRAVITY-FEED PAINT SPRAYER**  
[54] **SYSTEME DE FIXATION DE GODET JETABLE POUR PISTOLET A PEINTURE A ALIMENTATION PAR GRAVITE**  
[72] GOSIS, ANATOLY, US  
[72] KOSMYNA, MICHAEL J., US  
[72] KOBETSKY, ROBERT G., US  
[72] BAUER, MARK D., US  
[72] TOCZYCKI, JAN, US  
[72] BURNS, MARVIN D., US  
[72] VELAN, G. MICHAEL, US  
[72] CHARPIE, MARK E., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-05-11  
[41] 2004-12-10  
[30] US (10/458,478) 2003-06-10

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[21] **2,466,819**  
[13] A1

[51] **Int.Cl. 7B24B 27/06**  
[25] EN  
[54] **MANUALLY OPERATED TOOL**  
[54] **OUTIL A MAIN**  
[72] FRIEDRICH, SEBASTIAN, DE  
[72] UHL, KLAUS-MARTIN, DE  
[71] ANDREAS STIHL AG & CO. KG, DE  
[22] 2004-05-10  
[41] 2004-12-06  
[30] DE (103 25 663.6) 2003-06-06

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[21] **2,466,999**  
[13] A1

[51] **Int.Cl. 7C07B 63/00 7C07C 51/42 7C07C 51/48**  
[25] EN  
[54] **EXTRACTION PROCESS FOR REMOVAL OF IMPURITIES FROM MOTHER LIQUOR IN THE SYNTHESIS OF CARBOXYLIC ACID**  
[54] **PROCEDE D'EXTRACTION POUR ELIMINER DES IMPURETES D'UNE LIQUEUR MERE SERVANT A LA SYNTHESE D'ACIDES CARBOXYLIQUES**  
[72] LIN, ROBERT, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[22] 2004-05-07  
[41] 2004-12-05  
[30] US (10/455,016) 2003-06-05

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[21] **2,467,001**  
[13] A1  
[51] **Int.Cl. 7C07B 63/00 7C07C 51/42**  
[25] EN  
[54] **EXTRACTION PROCESS FOR REMOVAL OF IMPURITIES FROM MOTHER LIQUOR IN THE SYNTHESIS OF CARBOXYLIC ACID**  
[54] **PROCEDE D'EXTRACTION POUR ELIMINER DES IMPURETES D'UNE LIQUEUR MERE SERVANT A LA SYNTHESE D'ACIDES CARBOXYLIQUES**  
[72] LIN, ROBERT, US  
[72] DE VREEDE, MARCEL, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[22] 2004-05-07  
[41] 2004-12-05  
[30] US (10/455,018) 2003-06-05

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[21] **2,467,002**  
[13] A1  
[51] **Int.Cl. 7C07B 63/00 7C07C 51/42**  
[25] EN  
[54] **EXTRACTION PROCESS FOR REMOVAL OF IMPURITIES FROM AN AQUEOUS MIXTURE**  
[54] **PROCEDE D'EXTRACTION POUR L'ENLEVEMENT DES IMPURETES D'UN MELANGE AQUEUX**  
[72] LIN, ROBERT, US  
[72] DE VREEDE, MARCEL, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[22] 2004-05-07  
[41] 2004-12-05  
[30] US (10/455,017) 2003-06-05

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[21] **2,467,151**  
[13] A1  
[51] **Int.Cl. 7A47L 9/16 7A47L 9/00**  
[25] EN  
[54] **CYCLONE DUST COLLECTING APPARATUS OF VACUUM CLEANER**  
[54] **DEPOUSSIÈREUR A CYCLONE D'ASPIRATEUR**  
[72] LEE, BYUNG-JO, KR  
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
[22] 2004-05-11  
[41] 2004-12-09  
[30] KR (2003-36888) 2003-06-09

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[21] **2,467,180**  
[13] A1  
[51] **Int.Cl. 7A61B 17/56 7A61B 17/04 7A61F 2/08 7A61B 17/68**  
[25] EN  
[54] **SUTURE ANCHOR WITH IMPROVED DRIVE HEAD**  
[54] **DISPOSITIF D'ANCRAGE DE SUTURE A TETE DE VISSAGE AMELIOREE**  
[72] BOOCK, ROBERT, US  
[72] CAULDWELL, NATHAN, US  
[71] DEPUY MITEK, INC., US  
[22] 2004-05-13  
[41] 2004-12-10  
[30] US (10/458,482) 2003-06-10

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[21] **2,467,270**  
[13] A1  
[51] **Int.Cl. 7A01D 91/00**  
[25] EN  
[54] **METHOD OF TIMERLAND MANAGEMENT**  
[54] **METHODE DE GESTION DE TERRAIN FORESTIER EXPLOITABLE**  
[72] BLEDSOE, GEORGE, US  
[72] DUZAN, HOWARD W., JR., US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2004-05-14  
[41] 2004-12-11  
[30] US (10/459,920) 2003-06-11

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[21] **2,467,473**  
[13] A1  
[51] **Int.Cl. 7F02B 33/44 7F02B 29/04 7F02M 25/07**  
[25] EN  
[54] **CHARGED AIR INTAKE SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME D'ADMISSION D'AIR COMPRESSE POUR MOTEUR A COMBUSTION INTERNE**  
[72] LEWALLEN, BRIAN A., US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 2004-05-17  
[41] 2004-12-05  
[30] US (10/454,887) 2003-06-05

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[21] **2,467,617**  
[13] A1  
[51] **Int.Cl. 7A47J 31/02 7A47J 31/10**  
[25] EN  
[54] **A MULTI-FUNCTION COFFEE MAKER AND USE THEREOF**  
[54] **CAFETIERE A FONCTIONS MULTIPLES ET UTILISATION**  
[72] WEI, KUN-LIAN, CN  
[71] WEI, KUN-LIAN, CN  
[22] 2004-05-19  
[41] 2004-12-05  
[30] CN (03126801.3) 2003-06-05

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[21] **2,467,790**  
[13] A1  
[51] **Int.Cl. 7B01J 35/00 7B01J 37/00 7B01J 21/06**  
[25] EN  
[54] **NON-EVAPORABLE GETTER MULTILAYER DEPOSITS OBTAINED BY CATHODIC DEPOSITION AND PROCESS FOR THEIR MANUFACTURING**  
[54] **DEPOTS MULTICOUCHES DE DEGAZEUR NON EVAPORABLE OBTENUS PAR ELECTRODEPOSITION, ET PROCEDE DE FABRICATION**  
[72] MORAJA, MARCO, IT  
[72] CONTE, ANDREA, IT  
[71] SAES GETTERS S.P.A., IT  
[22] 2004-05-19  
[41] 2004-12-11  
[30] IT (MI2003A 001178) 2003-06-11

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[13] A1  
[51] **Int.Cl. 7F04F 1/08 7E21B 43/16**  
[25] EN  
[54] **METHOD AND APPARATUS USING TRACTION SEAL FLUID DISPLACEMENT DEVICE FOR PUMPING WELLS**  
[54] **METHODE ET DISPOSITIF DE POMPAGE DE PUIITS FAISANT APPEL AU DEPLACEMENT PAR TRACTION DE FLUIDE OBTURATEUR**  
[72] REITZ, DONALD D., US  
[71] REITZ, DONALD D., US  
[22] 2004-05-20  
[41] 2004-12-06  
[30] US (10/456,614) 2003-06-06

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[21] **2,467,876**  
 [13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 9/32**  
 [25] EN  
 [54] **ARCHITECTURE FOR CONNECTING A REMOTE CLIENT TO A LOCAL CLIENT DESKTOP**  
 [54] **ARCHITECTURE DE CONNEXION D'UN CLIENT ELOIGNE A UN POSTE DE CLIENT LOCAL**  
 [72] DAUGHERTY, TRACY M., US  
 [72] BILLHARZ, ALAN M., US  
 [72] DARNELL, SCOTT, US  
 [72] FISHMAN, NEIL S., US  
 [72] NONIS, AARON J., US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-05-20  
 [41] 2004-12-06  
 [30] US (10/456,235) 2003-06-06

[21] **2,467,950**  
 [13] A1

[51] **Int.Cl. 7F42D 3/04**  
 [25] EN  
 [54] **BLASTING APPARATUS FOR THE BLASTING OF A ROCK DRILL BIT**  
 [54] **DISPOSITIF DE COMPRESSION DE ROCHE PAR FLEURET DE PERFORATRICE**  
 [72] STALNACKE, GUNNAR, SE  
 [71] SANDVIK AB, SE  
 [22] 2004-05-21  
 [41] 2004-12-06  
 [30] SE (0301675-5) 2003-06-06

[21] **2,468,017**  
 [13] A1

[51] **Int.Cl. 7F15D 1/08 7F02M 25/00**  
 [25] EN  
 [54] **PRESSURE COMPENSATING ORIFICE FOR CONTROL OF NITROUS OXIDE DELIVERY**  
 [54] **ORIFICE DE COMPENSATION EN PRESSION POUR LE CONTROLE DE L'ALIMENTATION EN OXYDE NITREUX**  
 [72] HOLTZMAN, BARRY L., US  
 [71] HOLTZMAN, BARRY L., US  
 [22] 2004-05-21  
 [41] 2004-12-10  
 [30] US (10/458,989) 2003-06-10

[21] **2,468,066**  
 [13] A1

[51] **Int.Cl. 7F16B 7/18**  
 [25] EN  
 [54] **HANDLE FOR HOLDING AND SECURING TELESCOPING TUBINGS**  
 [54] **POIGNEE POUR RETENIR ET FIXER DES TUBES TELESCOPIQUES**  
 [72] DUMONT, MARC, CA  
 [71] DUMONT, MARC, CA  
 [22] 2004-05-28  
 [41] 2004-12-10  
 [30] US (60/477,066) 2003-06-10

[21] **2,468,101**  
 [13] A1

[51] **Int.Cl. 7G06F 13/42 7H04L 12/16 7G06F 17/30**  
 [25] EN  
 [54] **SYSTEM AND METHOD OF WEBSITE DATA TRANSFER HANDSHAKE**  
 [54] **SYSTEME ET METHODE D'ETABLISSEMENT DE LIAISON POUR LE TRANSFERT DES DONNEES D'UN SITE WEB**  
 [72] KESTNER, JOHN A., US  
 [72] SRINIVASAN, VENKATARAMAN, US  
 [72] SHOEN, SAMUEL J., US  
 [71] U-HAUL INTERNATIONAL, INC., US  
 [22] 2004-05-25  
 [41] 2004-12-09  
 [30] US (10/457,135) 2003-06-09

[21] **2,468,194**  
 [13] A1

[51] **Int.Cl. 7B62B 5/06 7B60D 1/54**  
 [25] EN  
 [54] **GARDEN CART HANDLE**  
 [54] **POIGNEE DE CHARIOT DE JARDINAGE**  
 [72] BROWDER, JOHN, US  
 [71] INTERNATIONAL DEVELOPMENT CORPORATION, US  
 [22] 2004-05-21  
 [41] 2004-12-06  
 [30] US (10/456,991) 2003-06-06

[21] **2,468,282**  
 [13] A1

[51] **Int.Cl. 7F16F 9/34**  
 [25] EN  
 [54] **ADAPTIVE SHOCK DAMPING CONTROL**  
 [54] **COMMANDE D'AMORTISSEMENT ADAPTATIF**  
 [72] COURY, RICHARD, US  
 [72] FAREWELL, RONALD W., CA  
 [72] GONCALVES, NELSON C., CA  
 [72] KING, THOMAS R., CA  
 [72] WEBER, ARNETT R., CA  
 [72] BELL, STEPHEN H., CA  
 [72] BARBISON, JAMES M., CA  
 [72] ERICKSON, KEVIN H., CA  
 [71] ARVIN TECHNOLOGIES, INC., US  
 [22] 2004-05-25  
 [41] 2004-12-10  
 [30] US (10/458,601) 2003-06-10

[21] **2,468,321**  
 [13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
 [25] EN  
 [54] **SYSTEM AND METHOD OF SUGGESTIVE ANALYSIS OF CUSTOMER DATA**  
 [54] **SYSTEME ET METHODE D'ANALYSE SUGGESTIVE DES DONNEES CLIENT**  
 [72] SRINIVASAN, VENKATARAMAN, US  
 [71] U-HAUL INTERNATIONAL, INC., US  
 [22] 2004-05-25  
 [41] 2004-12-10  
 [30] US (10/457,844) 2003-06-10

[21] **2,468,371**  
 [13] A1

[51] **Int.Cl. 7A45F 5/02 7F16B 21/16**  
 [25] EN  
 [54] **LOCKING AN IMPLEMENT**  
 [54] **VERROUILLAGE D'ACCESSOIRE**  
 [72] LEMM, JOHN RICHARD, GB  
 [71] LEMM, JOHN RICHARD, GB  
 [71] MEADS, RICHARD JAMES, GB  
 [22] 2004-05-26  
 [41] 2004-12-10  
 [30] GB (0313329.5) 2003-06-10

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[21] **2,468,381**  
[13] A1  
[51] **Int.Cl. 7G01B 3/56 7B21D 5/06**  
[25] EN  
[54] **TOOL KIT AND METHOD FOR WORKING SHEET METAL TRIMS**  
[54] **TROUSSE D'OUTILS ET METHODE DE FACONNAGE DE GARNITURES EN TOLE**  
[72] MCADAM, PERRY, CA  
[71] MCADAM, PERRY, CA  
[22] 2004-05-26  
[41] 2004-12-10  
[30] US (60/477,021) 2003-06-10

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[21] **2,468,384**  
[13] A1  
[51] **Int.Cl. 7G06F 15/76**  
[25] EN  
[54] **REDISTRIBUTION OF RESOURCES**  
[54] **REDISTRIBUTION DE RESSOURCES**  
[72] VIRGINAS, BOTAND ISTVAN, GB  
[72] LEE, LYNDON CHI-HANG, GB  
[72] OWUSU, GILBERT KWAME, GB  
[72] ANIM-ANSAH, GEORGE, GB  
[71] VOUDOURIS, CHRISTOS, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC COMPANY LIMITED, GB  
[22] 2004-05-27  
[41] 2004-12-05  
[30] GB (0312942.6) 2003-06-05

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[21] **2,468,638**  
[13] A1  
[51] **Int.Cl. 7G01N 1/22 7G01N 35/10**  
[25] EN  
[54] **WASTE GAS MEASURING DEVICE**  
[54] **ANALYSEUR DE GAZ DE COMBUSTION**  
[72] BENZ, BERNHARD, DE  
[71] M & C PRODUCTS ANALYSENTECHNIK GMBH, DE  
[22] 2004-05-27  
[41] 2004-12-06  
[30] DE (103 25 702.0) 2003-06-06

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[21] **2,468,654**  
[13] A1  
[51] **Int.Cl. 7A01G 13/00 7A01G 13/10**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR REPELLING FLYING INSECTS**  
[54] **METHODE ET APPAREIL POUR ELOIGNER LES INSECTES VOLANTS**  
[72] FORSBERG, ROBERT W., US  
[72] CROFT, CHARLES P., US  
[71] FORSBERG PACKAGING CO., LLC, US  
[22] 2004-05-28  
[41] 2004-12-05  
[30] US (10/455,782) 2003-06-05

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[21] **2,469,124**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 19/00 7H04L 9/32 7G06F 17/60**  
[25] EN  
[54] **MUSIC DATA DELIVERY SYSTEM WHICH ENABLES TO DOWNLOAD A MUSIC DATA TO AN ON-BOARD PLAYER OF A RENTAL CAR AND THE MUSIC DATA DELIVERY METHOD OF THE SAME**  
[54] **SYSTEME DE TRANSMISSION DE DONNEES MUSICALES PERMETTANT DE TELECHARGER DES DONNEES MUSICALES VERS UN LECTEUR INSTALLE A BORD D'UNE VOITURE DE LOCATION ET METHODE DE TRANSMISSION DE DONNEES MUSICALES UTILISEE PAR CE SYSTEME**  
[72] SHISHIDO, JO, JP  
[71] NEC CORPORATION, JP  
[22] 2004-05-28  
[41] 2004-12-05  
[30] JP (160742/2003) 2003-06-05

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[13] A1  
[51] **Int.Cl. 7E01C 13/08 7B32B 31/00 7C09D 123/06 7C09D 125/10**  
[25] EN  
[54] **AN INFILL MATERIAL FOR SYNTHETIC-GRASS STRUCTURES, CORRESPONDING SYNTHETIC-GRASS STRUCTURE AND PROCESS OF PREPARATION**  
[54] **MATERIAU DE REMPLISSAGE POUR STRUCTURES EN GAZON SYNTHETIQUE, STRUCTURES DE GAZON SYNTHETIQUE CORRESPONDANTES, ET PROCESSUS DE PREPARATION**  
[72] STROPPIANA, FERNANDO, IT  
[71] MONDO SPA, IT  
[22] 2004-05-31  
[41] 2004-12-10  
[30] EP (03425369.0) 2003-06-10

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[13] A1  
[51] **Int.Cl. 7C23C 4/12 7F16S 3/00 7E04F 19/10 7B23P 15/12 7E04C 2/42**  
[25] EN  
[54] **METHOD OF MAKING ANTI-SLIP GRATING**  
[54] **METHODE DE FABRICATION DE GRILLE ANTIDERAPANTE**  
[72] MOLNAR, WILLIAM S., US  
[71] W. S. MOLNAR COMPANY, US  
[22] 2004-05-31  
[41] 2004-12-05  
[30] US (10/455,094) 2003-06-05

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[13] A1  
[51] **Int.Cl. 7E04C 2/10 7E04F 13/00 7E04F 15/00**  
[25] EN  
[54] **FACING PANEL**  
[54] **PLAQUE DE REVETEMENT**  
[72] DUERNBERGER, GERHARD, AT  
[71] M KAINDL, AT  
[22] 2004-06-01  
[41] 2004-12-05  
[30] AT (A 888/2003) 2003-06-05

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[13] A1

[51] **Int.Cl. 7G06F 12/14 7G06K 9/00 7H04L 9/32**  
[25] EN  
[54] **USE OF A KIOSK TO PROVIDE VERIFIABLE IDENTIFICATION USING CRYPTOGRAPHIC IDENTIFIERS**  
[54] **UTILISATION D'UN POSTE D'IDENTIFICATION VERIFIABLE AU MOYEN D'IDENTIFICATEURS CRYPTOGRAPHIQUES**  
[72] LEON, J.P., US  
[71] NEOPOST INDUSTRIE SA, FR  
[22] 2004-06-01  
[41] 2004-12-06  
[30] US (10/455,989) 2003-06-06

[21] **2,469,440**  
[13] A1

[51] **Int.Cl. 7H02K 9/02 7F04D 25/08**  
[25] EN  
[54] **CEILING FAN MOTORS**  
[54] **MOTEUR DE VENTILATEUR DE PLAFOND**  
[72] BIRD, GREGORY MICHAEL, US  
[71] HUNTER FAN COMPANY, US  
[22] 2004-06-02  
[41] 2004-12-11  
[30] US (10/458,842) 2003-06-11

[21] **2,469,443**  
[13] A1

[51] **Int.Cl. 7G01R 31/02 7G01R 29/00**  
[25] EN  
[54] **METHOD OF DETECTING PARTIAL DISCHARGES AND DIAGNOSTIC SYSTEM FOR ELECTRICAL APPARATUS**  
[54] **METHODE DE DETECTION DES DECHARGES PARTIELLES ET SYSTEME DE DIAGNOSTIC POUR APPAREIL ELECTRIQUE**  
[72] KUPPUSWAMY, RAJA, FR  
[71] AREVA T&D SA, FR  
[22] 2004-06-02  
[41] 2004-12-05  
[30] FR (03 06808) 2003-06-05

[21] **2,469,515**  
[13] A1

[51] **Int.Cl. 7H01H 9/00 7H01H 9/30**  
[25] EN  
[54] **REDUNDANT SWITCH HAVING TORSIONAL COMPLIANCE AND ARC-ABSORBANT THERMAL MASS**  
[54] **COMMANDE ELECTRIQUE REDONDANTE AVEC SOUPLESSE A LA TORSION ET MASSE THERMIQUE ABSORBANT LES ARCS**  
[72] RICE, ROY A., US  
[72] SAMBAR, HOMER S., US  
[72] ANNIS, JEFFREY R., US  
[71] ROCKWELL AUTOMATION TECHNOLOGIES, INC., US  
[22] 2004-06-01  
[41] 2004-12-06  
[30] US (10/455,875) 2003-06-06

[21] **2,469,527**  
[13] A1

[51] **Int.Cl. 7B60Q 1/24 7F21S 8/10**  
[25] EN  
[54] **VEHICLE LIGHT WITH LIGHT EMITTING DIODE (LED) LIGHT SOURCE**  
[54] **APPAREIL D'ECLAIRAGE POUR VEHICULE DOTE D'UNE SOURCE LUMINEUSE A DIODE ELECTROLUMINESCENTE (DEL)**  
[72] YOU, CHENHUA, US  
[72] ABDELHAFEZ, MOHAMED M., US  
[71] DIALIGHT CORPORATION, US  
[22] 2004-06-03  
[41] 2004-12-06  
[30] US (10/455,393) 2003-06-06

[21] **2,469,537**  
[13] A1

[51] **Int.Cl. 7B01J 23/42 7B01J 37/03 7B01D 59/50**  
[25] EN  
[54] **NEW WETPROOFED CATALYSTS FOR HYDROGEN ISOTOPE EXCHANGE**  
[54] **NOUVEAUX CATALYSEURS RESISTANT A L'HUMIDITE POUR L'ECHANGE D'ISOTOPE DE L'HYDROGENE**  
[72] SUPPIAH, SELLATHURAI, CA  
[72] KUTCHCOSKIE, KEITH, CA  
[72] LI, JINTONG, CA  
[71] ATOMIC ENERGY OF CANADA LIMITED, CA  
[22] 2004-06-02  
[41] 2004-12-05  
[30] US (10/455,365) 2003-06-05

[21] **2,469,539**  
[13] A1

[51] **Int.Cl. 7B29C 51/10 7B29C 51/00**  
[25] EN  
[54] **METHOD OF PREPARING AN ARTICLE**  
[54] **METHODE DE PREPARATION D'UN ARTICLE**  
[72] BROZENICK, NORMAN J., US  
[72] ZOELLNER, OLAF, US  
[71] BAYER POLYMERS LLC, US  
[22] 2004-06-03  
[41] 2004-12-06  
[30] US (10/456,446) 2003-06-06

[21] **2,469,541**  
[13] A1

[51] **Int.Cl. 7F16K 15/00**  
[25] EN  
[54] **VALVE**  
[54] **CLAPET**  
[72] TAKEDA, TOMOHISA, JP  
[71] MIURA CO., LTD., JP  
[22] 2004-06-03  
[41] 2004-12-05  
[30] JP (2003-161105) 2003-06-05

[21] **2,469,575**  
[13] A1

[51] **Int.Cl. 7H05B 37/00**  
[25] EN  
[54] **DRIVE CIRCUIT FOR OPERATING AT LEAST ONE LAMP IN AN ASSOCIATED LOAD CIRCUIT**  
[54] **CIRCUIT DE COMMANDE D'AU MOINS UNE LAMPE DANS UN CIRCUIT DE CHARGEMENT CORRESPONDANT**  
[72] RUDOLPH, BERND, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-06-02  
[41] 2004-12-06  
[30] DE (103 25 872.8) 2003-06-06

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[13] A1  
[51] Int.Cl. 7B25C 1/10  
[25] EN  
[54] **EXPLOSIVELY ACTUATED TOOLS**  
[54] **FIXATEURS A CARTOUCHE**  
[72] ARNOLD, AARON ANTHONY, AU  
[72] MCCULLOUGH, DAVID JOHN, AU  
[71] CETRAM PTY LIMITED, AU  
[22] 2004-06-02  
[41] 2004-12-06  
[30] AU (2003902859) 2003-06-06  
[30] AU (2003903681) 2003-07-16

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[21] 2,469,603  
[13] A1  
[51] Int.Cl. 7B08B 9/053 7E01F 5/00 7E03F 9/00  
[25] EN  
[54] **CULVERT CLEANING TOOL AND METHOD**  
[54] **OUTIL ET METHODE DE CURAGE DES BUSES**  
[72] HARR, ROBERT E., US  
[71] HARR TECHNOLOGIES, LLC, US  
[22] 2004-06-02  
[41] 2004-12-06  
[30] US (60/476,568) 2003-06-06  
[30] US (60/476,937) 2003-06-09  
[30] US (60/492,422) 2003-08-04

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[21] 2,469,693  
[13] A1  
[51] Int.Cl. 7C08J 5/18  
[25] EN  
[54] **ELASTOMER-BONDED SHEET MATERIAL AND PROCESS FOR ITS PRODUCTION**  
[54] **MATIERE EN FEUILLES LIEE AUX ELASTOMERES ET PROCEDE DE FABRICATION**  
[72] RUSTEMEYER, ULRICH, CH  
[72] PIRINGER, STEPHAN, CH  
[72] LATTE, JOERG, CH  
[71] KLINGER AG, CH  
[22] 2004-06-03  
[41] 2004-12-06  
[30] DE (103 25 700.4) 2003-06-06

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[21] 2,469,703  
[13] A1  
[51] Int.Cl. 7F04D 29/40 7F25B 31/00 7F04B 53/16  
[25] EN  
[54] **MULTI-LAYER COMPRESSOR HOUSING AND METHOD OF MANUFACTURE**  
[54] **CARTER DE COMPRESSEUR MULTICOUCHE ET METHODE DE FABRICATION**  
[72] MOWATT, ROBERT D., US  
[72] HORTON, W. TRAVIS, US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2004-06-03  
[41] 2004-12-09  
[30] US (10/457,203) 2003-06-09

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[21] 2,469,706  
[13] A1  
[51] Int.Cl. 7H01K 1/42 7H01J 5/50  
[25] EN  
[54] **LAMP WHICH IS CLOSED ON TWO SIDES**  
[54] **LAMPE FERMEE SUR DEUX COTES**  
[72] TWESTEN, KAREN, DE  
[72] GRAEF, JUERGEN, DE  
[72] SCHLOEGL, ANTON, DE  
[72] HUELSEMANN, MICHAEL, DE  
[72] HOHLFELD, ANDREAS, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-06-03  
[41] 2004-12-05  
[30] DE (103 25 553.2) 2003-06-05

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[21] 2,469,696  
[13] A1  
[51] Int.Cl. 7C07C 29/10 7C09K 3/18 7C07C 31/20  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ALKYLENE GLYCOLS USING HOMOGENEOUS CATALYSIS**  
[54] **PROCEDE DE PRODUCTION D'ALKYLENEGLYCOLS PAR CATALYSE HOMOGENE**  
[72] VAN KRUCHTEN, EUGENE MARIE GODFRIED ANDRE, NL  
[72] POWELL, JOSEPH BROUN, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 2004-06-03  
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[30] US (60/476564) 2003-06-06

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[21] 2,469,698  
[13] A1  
[51] Int.Cl. 7B25C 7/00 7B25G 1/00 7B25C 1/18  
[25] EN  
[54] **POLE FOR REMOTE OPERATION OF A HAND TOOL**  
[54] **PERCHE DE TELEMANIPULATION D'UN OUTIL MANUEL**  
[72] POURTIER, FABRICE, FR  
[72] HERELIER, PATRICK, FR  
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR  
[22] 2004-06-03  
[41] 2004-12-05  
[30] FR (03 06799) 2003-06-05

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[21] 2,469,700  
[13] A1  
[51] Int.Cl. 7B65D 19/20 7B65D 6/16 7B65D 25/22  
[25] EN  
[54] **RETURNABLE RECYCLABLE CONTAINER HAVING REINFORCED FORKLIFT ENTRIES**  
[54] **CONTENEUR RECUPERABLE ET RECYCLABLE AVEC RENFORTS POUR CHARIOT ELEVATEUR A FOURCHES**  
[72] CALANDRA, FRANK N., US  
[72] VERGIELS, MICHAEL R.O., US  
[71] CALANDRA, FRANK N., US  
[71] VERGIELS, MICHAEL R.O., US  
[22] 2004-06-03  
[41] 2004-12-06  
[30] US (60/476,339) 2003-06-06

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[21] 2,469,727  
[13] A1  
[51] Int.Cl. 7B27B 13/16 7B23D 59/00 7B23Q 11/00 7B24B 55/06 7B27B 5/29  
[25] EN  
[54] **MOTOR DRIVEN WOOD WORKING TOOL WITH VACUUM FEATURE**  
[54] **OUTIL MOTORISE DE TRAVAIL DU BOIS AVEC DISPOSITIF D'ASPIRATION**  
[72] BRAZELL, KENNETH M., US  
[72] EVERTS, ROBERT G., US  
[71] ONE WORLD TECHNOLOGIES LIMITED, BM  
[22] 2004-06-03  
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[21] **2,469,731**  
[13] A1

[51] **Int.Cl. 7G06F 13/12 7G06K 15/02**  
[25] EN  
[54] **PRINTER MODULE WITH ON-BOARD INTELLIGENCE**  
[54] **MODULE D'IMPRIMANTE AVEC INTELLIGENCE INTERNE**  
[72] RODRIGUEZ, ALBERTO, US  
[72] BELL, SCOTT J., US  
[72] ROMMELMANN, HEIKO, US  
[72] KUYT, EDWIN, US  
[71] XEROX CORPORATION, US  
[22] 2004-06-03  
[41] 2004-12-11  
[30] US (10/458,848) 2003-06-11

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[21] **2,469,733**  
[13] A1

[51] **Int.Cl. 7F28D 7/00**  
[25] EN  
[54] **HEAT EXCHANGER HAVING NON-PERPENDICULARLY ALIGNED HEAT TRANSFER ELEMENTS**  
[54] **ECHANGEUR DE CHALEUR A ELEMENTS DE TRANSFERT DE CHALEUR SANS ALIGNEMENT PERPENDICULAIRE**  
[72] MANOLE, DAN M., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2004-06-03  
[41] 2004-12-06  
[30] US (10/456,449) 2003-06-06

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[21] **2,469,751**  
[13] A1

[51] **Int.Cl. 7A47K 10/20 7A47K 10/18**  
[25] EN  
[54] **TISSUE BOX HOLDER**  
[54] **PORTE-BOITE DE PAPIERS-MOUCHOIRS**  
[72] POLLACK, RONALD M., US  
[71] POLLACK, RONALD M., US  
[22] 2004-06-04  
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[30] US (10/456,691) 2003-06-06

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[13] A1

[51] **Int.Cl. 7A62C 31/02 7B05B 1/02**  
[25] EN  
[54] **HIGH PERFORMANCE NOZZLE**  
[54] **AJUTAGE A RENDEMENT ELEVE**  
[72] SHARKEY, DOUGLAS ALLAN, US  
[71] SHARKEY, DOUGLAS ALLAN, US  
[22] 2004-06-03  
[41] 2004-12-06  
[30] US (60/476,760) 2003-06-06

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[21] **2,469,763**  
[13] A1

[51] **Int.Cl. 7E05B 47/00**  
[25] EN  
[54] **ELECTRONIC LOCKING SYSTEM**  
[54] **SYSTEME DE VERROUILLAGE ELECTRONIQUE**  
[72] ROBERGE, BENOIT, CA  
[71] ROBERGE, BENOIT, CA  
[22] 2004-06-04  
[41] 2004-12-06  
[30] CA (2,430,542) 2003-06-06

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[21] **2,469,775**  
[13] A1

[51] **Int.Cl. 7H05B 3/40 7H05B 3/10**  
[25] EN  
[54] **ELECTRIC HEATING CABLE OR TAPE HAVING INSULATING SHEATHS THAT ARE ARRANGED IN A LAYERED STRUCTURE**  
[54] **RUBAN OU CABLE CHAUFFANT ELECTRIQUE COMPRENANT DES GAINES ISOLANTES DISPOSEES EN STRUCTURE LAMELLAIRE**  
[72] DLUGAS, WOLFGANG, DE  
[72] SCHWAMBORN, KLAUS, DE  
[71] HEW-KABEL/CDT GMBH & CO. KG, DE  
[22] 2004-06-04  
[41] 2004-12-05  
[30] DE (103 25 517.6) 2003-06-05

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[21] **2,469,781**  
[13] A1

[51] **Int.Cl. 7B65D 5/54 7B65D 21/024 7B65D 5/18**  
[25] EN  
[54] **SEPARABLE DUAL CARTON**  
[54] **CARTON DOUBLE SEPARABLE**  
[72] OLIFF, JIMMY, US  
[72] BATES, AARON L., US  
[72] BAXTER, RONALD A., US  
[71] MEADWESTVACO PACKAGING SYSTEMS LLC, US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (10/456,233) 2003-06-06

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[21] **2,469,955**  
[13] A1

[51] **Int.Cl. 7A01D 7/00 7A01D 7/04**  
[25] EN  
[54] **PUSH RAKE**  
[54] **RATEAU-BALAI A POUSSER**  
[72] HURT, DANIEL P., US  
[71] LEGACY HOLDINGS, INC., US  
[22] 2004-06-01  
[41] 2004-12-06  
[30] US (10/455,836) 2003-06-06

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[21] **2,469,958**  
[13] A1

[51] **Int.Cl. 7E21B 21/06**  
[25] EN  
[54] **SOLIDS CONTROL SYSTEM**  
[54] **SYSTEME DE CONTROLE DES SOLIDES**  
[72] TETTLETON, TAB, US  
[71] NATIONAL-OILWELL, L.P., US  
[22] 2004-06-01  
[41] 2004-12-05  
[30] US (60/476,272) 2003-06-05

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[21] **2,469,964**  
[13] A1

[51] **Int.Cl. 7A62B 18/08**  
[25] FR  
[54] **EQUIPEMENT DE PROTECTION DE TETE A MASQUE RESPIRATOIRE ET ECRAN DE PROTECTION**  
[54] **PROTECTIVE HEADGEAR WITH BREATHING MASK AND PROTECTIVE SCREEN**  
[72] DEL BIANCO, SAMUEL, FR  
[72] PREVEYRAUD, LAURENT, FR  
[72] PENA, GILLES, FR  
[71] INTERTECHNIQUE, FR  
[22] 2004-06-01  
[41] 2004-12-10  
[30] FR (FR 03 06963) 2003-06-10

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[13] A1  
[51] **Int.Cl. 7A61B 5/00 7A61B 5/15**  
**7G01N 33/49**  
[25] EN  
[54] **DEVICES, SYSTEM AND METHODS FOR EXTRACTING BODILY FLUID AND MONITORING AN ANALYTE THEREIN**  
[54] **DISPOSITIFS, SYSTEME ET METHODES D'EXTRACTION D'UN FLUIDE CORPOREL ET DE DOSAGE D'UN ANALYTE PRESENT DANS CE FLUIDE**  
[72] HILGERS, MICHAEL, US  
[72] RADEMACHER, THOMAS, US  
[72] MECHELKE, JOEL, US  
[72] RACCHINI, JOEL, US  
[72] STOUT, PHIL, US  
[72] HANSON, CASS A., US  
[71] LIFESCAN, INC., US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (60/476,733) 2003-06-06  
[30] US (10/653,023) 2003-08-28

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[21] **2,469,970**  
[13] A1  
[51] **Int.Cl. 7B07B 9/00 7B07C 5/34**  
[25] EN  
[54] **SORTING SYSTEM FOR SHEETED MATERIAL**  
[54] **SYSTEME DE TRI POUR MATERIAU FEUILLETE**  
[72] GADDIS, PAUL G., US  
[72] ANDERSON, SCOTT, US  
[72] DOAK, ARTHUR, US  
[72] GRUBBS, MICHAEL R., US  
[71] MAGNETIC SEPARATION SYSTEMS, INC., US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (10/457,077) 2003-06-06

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[21] **2,469,971**  
[13] A1  
[51] **Int.Cl. 7E21B 33/129 7E21B 19/10**  
[25] EN  
[54] **SLIP SYSTEM FOR RETRIEVABLE PACKER**  
[54] **SYSTEME DE GLISSEMENT POUR PACKER RECUPERABLE**  
[72] WARD, DAVID G., US  
[72] RITTER, MICHAEL G., US  
[72] ZIMMERMAN, PATRICK J., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (10/457,065) 2003-06-06

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[21] **2,469,973**  
[13] A1  
[51] **Int.Cl. 7F16B 37/00**  
[25] EN  
[54] **A T-NUT FOR HOPPER FEEDING HAVING A PROJECTION**  
[54] **ECROU A T POUR ALIMENTATION PAR TREMIE, AVEC PROJECTIONS**  
[72] NAGAYAMA, YUTAKA, JP  
[71] NAGAYAMA ELECTRONIC INDUSTRY CO., LTD., JP  
[22] 2004-06-04  
[41] 2004-12-09  
[30] JP (2003-163650) 2003-06-09

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[21] **2,469,978**  
[13] A1  
[51] **Int.Cl. 7B64C 25/44 7B64C 25/42**  
[25] FR  
[54] **PROCEDE DE COMMANDE D'UN FREIN ELECTROMECANIQUE**  
[54] **ELECTROMAGNETIC BRAKE CONTROL PROCESS**  
[72] GIROD, PIERRE, FR  
[72] CHICO, PHILIPPE, FR  
[71] MESSIER-BUGATTI, FR  
[22] 2004-06-03  
[41] 2004-12-06  
[30] FR (03 06852) 2003-06-06

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[21] **2,469,979**  
[13] A1  
[51] **Int.Cl. 7C09D 183/04**  
[25] EN  
[54] **POLYSILOXANE COATINGS FOR SURFACES**  
[54] **REVETEMENTS DE SURFACE EN POLYSILOXANE**  
[72] LALLY, EDWARD DAVID, US  
[72] PERALTA, CESARE, US  
[72] KEENER, STEVEN G., US  
[72] BYRD, NORMAN R., US  
[71] THE BOEING COMPANY, US  
[22] 2004-06-04  
[41] 2004-12-05  
[30] US (10/455,070) 2003-06-05

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[21] **2,469,983**  
[13] A1  
[51] **Int.Cl. 7E04H 12/22 7E02D 27/42**  
[25] EN  
[54] **TEMPORARY STRUCTURE BRACKET**  
[54] **SUPPORT DE STRUCTURE TEMPORAIRE**  
[72] FUOCO, MAURICE, CA  
[71] FUOCO, MAURICE, CA  
[22] 2004-06-04  
[41] 2004-12-05  
[30] US (10/454,573) 2003-06-05

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[13] A1  
[51] **Int.Cl. 7E04C 2/296 7E04B 1/74**  
[25] EN  
[54] **INSULATED STUD PANEL AND METHOD OF MAKING SUCH**  
[54] **PANNEAU ISOLANT A MONTANTS, ET METHODE DE FABRICATION**  
[72] HAGEN, HANS T., JR., US  
[71] HAGEN, HANS T., JR., US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (60/476,774) 2003-06-06

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[13] A1  
[51] **Int.Cl. 7C08G 59/50 7C09D 17/00**  
**7C08G 73/02**  
[25] EN  
[54] **EPOXIDE ADDUCTS AND THEIR SALTS AS DISPERSANTS**  
[54] **ADDUITS DU TYPE EPOXYDE ET SELS CORRESPONDANTS UTILISES COMME DISPERSANTS**  
[72] PENTZEK, ANDREA, DE  
[72] HAUBENNESTEL, KARLHEINZ, DE  
[72] KRAPPE, UDO, DE  
[72] MATTHEE, PETER, DE  
[71] BYK-CHEMIE GMBH, DE  
[22] 2004-06-03  
[41] 2004-12-06  
[30] DE (103 26 147.8) 2003-06-06

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[13] A1

[51] **Int.Cl. 7F02P 5/15 7F02P 5/16**  
[25] EN  
[54] **IGNITION TIMING CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE REGLAGE D'ALLUMAGE**  
[72] SPAULDING, GREG, US  
[71] ARCTIC CAT INC., US  
[22] 2004-06-03  
[41] 2004-12-05  
[30] US (10/454,861) 2003-06-05

[21] **2,469,992**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7C12Q 1/00 7A01K 67/027 7C12N 5/06 7C12N 15/12 7G01N 33/566**  
[25] EN  
[54] **TRANSGENIC ANIMAL MODEL FOR GLYT1 FUNCTION**  
[54] **MODELE ANIMAL TRANSGENIQUE POUR LA PRODUCTION DE LA FONCTION GLYT1**  
[72] MOEHLER, HANNS P., CH  
[72] ALBERATI-GIANI, DANIELA, CH  
[72] PAULY-EVERS, MEIKE, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2004-06-01  
[41] 2004-12-06  
[30] EP (03012208.9) 2003-06-06

[21] **2,469,997**  
[13] A1

[51] **Int.Cl. 7B01F 3/04 7E21B 33/13**  
[25] EN  
[54] **FOAMING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE FABRICATION DE MOUSSE**  
[72] GRUNDMANN, STEVEN R., US  
[72] NEAL, KENNETH G., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2004-06-04  
[41] 2004-12-06  
[30] US (10/456,373) 2003-06-06

[21] **2,470,000**  
[13] A1

[51] **Int.Cl. 7B60K 15/01**  
[25] EN  
[54] **FILLER PIPE**  
[54] **TUYAU DE REMPLISSAGE**  
[72] TAKAHASHI, YUKIKAZU, JP  
[72] SUZUKI, NOBUHIDE, JP  
[71] UNIPRES CORPORATION, JP  
[22] 2004-06-04  
[41] 2004-12-09  
[30] JP (2003-163127) 2003-06-09

[21] **2,470,020**  
[13] A1

[51] **Int.Cl. 7C04B 41/45 7C03C 27/00**  
[25] EN  
[54] **METHOD OF MAKING A TERRAZZO SURFACE FROM RECYCLED GLASS**  
[54] **METHODE DE FABRICATION DE SURFACES DE TERRAZZO A PARTIR DE VERRE RECYCLE**  
[72] WHALEY, TIM, US  
[71] WHALEY, TIM, US  
[22] 2004-06-04  
[41] 2004-12-05  
[30] US (10/454,678) 2003-06-05

[21] **2,470,023**  
[13] A1

[51] **Int.Cl. 7A61M 16/00**  
[25] EN  
[54] **INTRA-THORACIC COLLATERAL VENTILATION BYPASS SYSTEM**  
[54] **SYSTEME INTRA-THORACIQUE DE DERIVATION COLLATERALE DE LA VENTILATION**  
[72] TANAKA, DON, US  
[71] CORDIS CORPORATION, US  
[22] 2004-06-04  
[41] 2004-12-05  
[30] US (60/475,990) 2003-06-05  
[30] US (10/852,529) 2004-05-24

[21] **2,470,027**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**  
[25] EN  
[54] **MANAGEMENT SYSTEMS AND METHODS**  
[54] **SYSTEMES ET METHODES DE GESTION**  
[72] LOTT, JOHN S., CA  
[72] MARSHALL, W. JOHN S., CA  
[72] BENNETT, JONATHAN L., CA  
[71] KINGSTON GENERAL HOSPITAL, CA  
[22] 2004-06-04  
[41] 2004-12-05  
[30] US (60/475913) 2003-06-05  
[30] US (60/487230) 2003-07-16

[21] **2,470,028**  
[13] A1

[51] **Int.Cl. 7H01J 9/00 7H01J 9/40**  
[25] EN  
[54] **PROCESS FOR PRODUCING AN ELECTRIC LAMP WITH OUTER BULB**  
[54] **PROCEDE DE FABRICATION D'UNE LAMPE ELECTRIQUE AVEC AMPOULE EXTERIEURE**  
[72] SCHLOEGL, ANTON, DE  
[72] HOHLFELD, ANDREAS, DE  
[72] GRAEF, JUERGEN, DE  
[72] HUELSEMANN, MICHAEL, DE  
[72] TWESTEN, KAREN, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-06-04  
[41] 2004-12-05  
[30] DE (103 25 554.0) 2003-06-05

[21] **2,470,032**  
[13] A1

[51] **Int.Cl. 7H01J 61/02 7H01J 61/30**  
[25] EN  
[54] **ELECTRIC LAMP WITH OUTER BULB AND ASSOCIATED SUPPORT BODY**  
[54] **LAMPE ELECTRIQUE AVEC AMPOULE EXTERIEURE ET SUPPORT CONNEXE**  
[72] SCHLOEGL, ANTON, DE  
[72] GRAEF, JUERGEN, DE  
[72] HUELSEMANN, MICHAEL, DE  
[72] HOHLFELD, ANDREAS, DE  
[72] TWESTEN, KAREN, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-06-04  
[41] 2004-12-05  
[30] DE (103 26 552.4) 2003-06-05

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[21] **2,470,034**  
[13] A1

[51] **Int.Cl. 7A01C 23/00 7B05B 13/02**  
[25] EN  
[54] **IMPLEMENT WITH PLUMBING LINES THROUGH A MAIN FRAME TUBE**  
[54] **MACHINE AGRICOLE COMPRENANT DES CONDUITES TRAVERSANT UNE POUTRE TUBULAIRE DU CHASSIS PRINCIPAL**  
[72] BAXTER, GARRY EUGENE, US  
[72] BARKER, MARK EUGENE, US  
[72] ANDERSON, JACK CONAN, US  
[72] ENGELBRECHT, JOSHUA JACOB, US  
[71] DEERE & COMPANY, US  
[22] 2004-06-04  
[41] 2004-12-10  
[30] US (10/459,314) 2003-06-10

[21] **2,470,038**  
[13] A1

[51] **Int.Cl. 7B26B 19/38**  
[25] EN  
[54] **EAR AREA COMB ATTACHMENT FOR HAIR CLIPPER**  
[54] **ACCESSOIRE DE CONTOUR D'OREILLE POUR TONDEUSE A CHEVEUX**  
[72] MELTON, SCOTT A., US  
[72] MCCAMBRIDGE, JAMES E., US  
[71] WAHL CLIPPER CORPORATION, US  
[22] 2004-06-04  
[41] 2004-12-11  
[30] US (10459680) 2003-06-11

[21] **2,470,039**  
[13] A1

[51] **Int.Cl. 7B26B 19/38**  
[25] EN  
[54] **EYEBROW COMB ATTACHMENT FOR HAIR CLIPPER**  
[54] **ACCESSOIRE A SOURCILS POUR TONDEUSE A CHEVEUX**  
[72] MELTON, SCOTT A., US  
[71] WAHL CLIPPER CORPORATION, US  
[22] 2004-06-04  
[41] 2004-12-11  
[30] US (10459291) 2003-06-11

[21] **2,470,208**  
[13] A1

[51] **Int.Cl. 7B27B 33/08**  
[25] EN  
[54] **SAW TOOTH**  
[54] **DENT DE SCIE**  
[72] KREHEL, MARK, CA  
[71] CAMCO CUTTING TOOLS LTD., CA  
[22] 2004-06-07  
[41] 2004-12-06  
[30] US (60/476,284) 2003-06-06

[21] **2,470,217**  
[13] A1

[51] **Int.Cl. 7G01F 15/06 7G01L 19/08**  
[25] EN  
[54] **LIGHTED FLUID FLOW INDICATION APPARATUS**  
[54] **INDICATEUR LUMINEUX D'ECOULEMENT**  
[72] THIE, MATTHEW G., US  
[72] VOEGE, JAMES A., US  
[72] FERRER, DAVID A., US  
[71] AMERIFLO, INC., US  
[22] 2004-06-07  
[41] 2004-12-06  
[30] US (60/476,316) 2003-06-06

[21] **2,470,226**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/02 7H04L 12/66**  
[25] EN  
[54] **VOIP SYSTEM, VOIP SERVER AND CLIENT, AND MULTICAST PACKET COMMUNICATION METHOD**  
[54] **SYSTEME VOCAL SUR INTERNET, SERVEUR ET CLIENT VOCAUX SUR INTERNET ET METHODE DE COMMUNICATION DE PAQUETS DE DONNEES AVEC DIFFUSION MULTIPLE**  
[72] KOBAYASHI, YOSHIKAZU, JP  
[72] HORI, MASATO, JP  
[71] NEC INFRONTIA CORPORATION, JP  
[22] 2004-06-07  
[41] 2004-12-11  
[30] JP (2003-166764) 2003-06-11

[21] **2,470,233**  
[13] A1

[51] **Int.Cl. 7D02G 3/18 7A41D 19/015**  
[25] EN  
[54] **A THREAD HAVING PROPERTIES OF RESISTANCE TO CUTTING**  
[54] **FIL RESISTANT A LA COUPE**  
[72] PIAT, CLAUDE, FR  
[71] API SEPLAST, FR  
[22] 2004-06-04  
[41] 2004-12-06  
[30] FR (03 06872) 2003-06-06

[21] **2,470,283**  
[13] A1

[51] **Int.Cl. 7B60K 20/02**  
[25] EN  
[54] **SHIFT LEVER DEVICE**  
[54] **LEVIER SELECTEUR**  
[72] KONDOU, YOSHINOBU, JP  
[72] INOUE, KYOICHI, JP  
[72] NORIMATSU, NAOKI, JP  
[72] INABA, EI, JP  
[71] NISSAN MOTOR CO., LTD., JP  
[71] FUJI KIKO CO., LTD., JP  
[22] 2004-06-08  
[41] 2004-12-11  
[30] JP (2003-165899) 2003-06-11

[21] **2,470,285**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 15/177**  
[25] EN  
[54] **REMOTE ACCESS SOFTWARE SOLUTION FOR RAPIDLY DEPLOYING A DESKTOP**  
[54] **SOLUTION LOGICIELLE D'ACCES A DISTANCE POUR LE DEPLOIEMENT RAPIDE D'UN POSTE DE TRAVAIL**  
[72] ARMSTRONG, LAURA L., CA  
[72] BETHLEHEM, ALEX G., CA  
[71] DESKTOPSITES INC., CA  
[22] 2004-06-08  
[41] 2004-12-11  
[30] US (10/458743) 2003-06-11

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[21] **2,470,298**  
[13] A1

[51] **Int.Cl. 7B65D 51/24 7B65D 43/02**  
[25] EN  
[54] **STRAW RECEPTABLE LID**  
[54] **COUVERCLE DE GOBELET AVEC LIGNES DE RUPTURE POUR TROU DE PAILLE**  
[72] POWERS, THOMAS J., US  
[72] HESSION, JOHN A., US  
[72] BREWIN, JOSEPH F., US  
[72] HIDALGO, CRAIG A., US  
[72] SINTON, ALEXANDER J., US  
[71] THE FIRST YEARS INC., US  
[22] 2004-06-08  
[41] 2004-12-09  
[30] US (10/457,254) 2003-06-09

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[21] **2,470,305**  
[13] A1

[51] **Int.Cl. 7G01V 3/26 7E21B 47/02 7G01V 3/38**  
[25] EN  
[54] **WELL TWINNING TECHNIQUES IN BOREHOLE SURVEYING**  
[54] **TECHNIQUES DE JUMELAGE DE PUITES POUR MESURES ET CONTROLES DANS LES SONDAGES**  
[72] MCELHINNEY, GRAHAM A., GB  
[71] PATHFINDER ENERGY SERVICES, INC., US  
[22] 2004-06-08  
[41] 2004-12-09  
[30] GB (0313281.8) 2003-06-09  
[30] GB (0404336.0) 2004-02-27

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[13] A1

[51] **Int.Cl. 7F04D 29/70**  
[25] EN  
[54] **FAN GRILL ASSEMBLY**  
[54] **GRILLE DE VENTILATEUR**  
[72] CARBAJAL, FRANCISCO J., US  
[71] HUNTER FAN COMPANY, US  
[22] 2004-06-08  
[41] 2004-12-09  
[30] US (10/456,201) 2003-06-09

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[21] **2,470,318**  
[13] A1

[51] **Int.Cl. 7B27L 11/02**  
[25] EN  
[54] **APPARATUS FOR CLEARING LOG JAMS IN DISC TYPE CHIPPER**  
[54] **APPAREIL DE DESENGORGEMENT DE BILLES DANS UNE DECHIQUETEUSE A DISQUE**  
[72] ROBINSON, MARK D., US  
[71] CEM MACHINE, INC., US  
[22] 2004-06-08  
[21] 2004-12-09  
[30] US (10/457,496) 2003-06-09

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[21] **2,470,321**  
[13] A1

[51] **Int.Cl. 7F02M 7/24**  
[25] EN  
[54] **CARBURETOR WITH INTERMEDIATE THROTTLE VALVE BLOCKING POSITION**  
[54] **CARBURATEUR COMPRENANT UNE POSITION INTERMEDIAIRE DE BLOCAGE DU PAPILLON DES GAZ**  
[72] MAVINAHALLY, NAGESH S., US  
[71] HOMELITE TECHNOLOGIES LIMITED, BM  
[22] 2004-06-08  
[41] 2004-12-10  
[30] US (10/459,046) 2003-06-10

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[21] **2,470,324**  
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00 7G07F 17/34**  
[25] EN  
[54] **GAMING MACHINE WITH ALTERABLE DISPLAY MECHANISM**  
[54] **APPAREIL DE JEUX DE HASARD AVEC MECANISME D’AFFICHAGE MODIFIABLE**  
[72] THOMAS, ALFRED, US  
[72] ROTHSCHILD, WAYNE H., US  
[71] WMS GAMING INC., US  
[22] 2004-06-08  
[41] 2004-12-09  
[30] US (10/457,629) 2003-06-09

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[21] **2,470,326**  
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G07F 17/32**  
[25] EN  
[54] **GAMING MACHINE HAVING HARDWARE-ACCELERATED SOFTWARE AUTHENTICATION**  
[54] **MATERIEL POUR APPAREIL DE JEUX DE HASARD PERMETTANT L’AUTHENTIFICATION RAPIDE DE LOGICIELS**  
[72] CANTERBURY, STEPHEN A., US  
[71] WMS GAMING INC., US  
[22] 2004-06-08  
[41] 2004-12-09  
[30] US (10/457,280) 2003-06-09

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[21] **2,470,355**  
[13] A1

[51] **Int.Cl. 7C08F 259/08 7C08J 7/18**  
[25] FR  
[54] **PROCEDE DE GREFFAGE DE POLYMERES FLUORE ET STRUCTURES MULTICOUCHES COMPRENANT CE POLYMERE GREFFE**  
[54] **PROCESS FOR GRAFTING A FLUORO-POLYMER AND MULTILAYER STRUCTURES COMPRISING THIS GRAFTED POLYMER**  
[72] CHOPINEZ, FABRICE, FR  
[72] BONNET, ANTHONY, FR  
[72] RAMFEL, BARBARA, FR  
[72] TRIBALLIER, KARINE, FR  
[72] WERTH, MICHAEL, FR  
[72] PASCAL, THIERRY, FR  
[71] ATOFINA, FR  
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[41] 2004-12-06  
[30] FR (03/06844) 2003-06-06  
[30] FR (03/07897) 2003-06-24

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[21] **2,470,422**  
[13] A1

[51] **Int.Cl. 7H04L 9/00 7H04L 9/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXPONENTIATION IN AN RSA CRYPTOSYSTEM**  
[54] **APPAREIL ET METHODE POUR L’EXPONENTIATION D’UN SYSTEME CRYPTOGRAPHIQUE RSA**  
[72] ANTIPA, ADRIAN, CA  
[71] CERTICOM CORP., CA  
[22] 2004-06-09  
[41] 2004-12-09  
[30] US (60/476,915) 2003-06-09

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[13] A1  
[51] **Int.Cl. 7C23C 22/05 7C23C 8/04 7C23C 22/60**  
[25] EN  
[54] **METHOD OF SURFACE TREATING METAL AND METAL SURFACE TREATED THEREBY**  
[54] **METHODE DE TRAITEMENT DE SURFACES DE METAL, ET SURFACES DE METAL AINSI TRAITÉES**  
[72] YAMASOE, KATSUYOSHI, JP  
[72] INBE, TOSHIO, JP  
[72] YASUDA, MITSUHIRO, JP  
[72] MATSUI, NORIZUMI, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 2004-06-08  
[41] 2004-12-09  
[30] JP (2003-164274) 2003-06-09  
[30] JP (2004-143688) 2004-05-13

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[21] **2,470,452**  
[13] A1  
[51] **Int.Cl. 7H01J 49/04 7H01J 49/26**  
[25] EN  
[54] **MASS SPECTROMETER INTERFACE**  
[54] **INTERFACE POUR SPECTROMETRE DE MASSE**  
[72] JOLLIFFE, CHARLES L., CA  
[72] COUSINS, LISA, CA  
[72] JAVAHERY, GHOLAMREZA, CA  
[71] IONICS MASS SPECTROMETRY GROUP, INC., CA  
[22] 2004-06-09  
[41] 2004-12-09  
[30] US (60/476,631) 2003-06-09

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[13] A1  
[51] **Int.Cl. 7G02F 1/13 7G02B 1/02 7G02B 3/12 7G02F 1/137**  
[25] EN  
[54] **ELECTRICALLY VARIABLE FOCUS POLYMER-STABILIZED LIQUID CRYSTAL LENS**  
[54] **LENTILLE A FOCALE VARIABLE A REGULATION ELECTRIQUE COMPOSEE DE CRISTAUX LIQUIDES STABILISES AU MOYEN DE POLYMERES**  
[72] TORK, AMIR, CA  
[72] ASATRYAN, KAREN, CA  
[72] GALSTIAN, TIGRAN, CA  
[72] PRESNIAKOV, VLADIMIR, CA  
[71] UNIVERSITE LAVAL, CA  
[22] 2004-06-07  
[41] 2004-12-05  
[30] US (60/475,900) 2003-06-05

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[21] **2,470,551**  
[13] A1  
[51] **Int.Cl. 7G02B 6/18 7G02B 5/18**  
[25] EN  
[54] **APPARATUS AND METHOD OF MANUFACTURING OPTICAL WAVEGUIDE TYPE DIFFRACTION GRATING DEVICE**  
[54] **APPAREIL ET METHODE DE FABRICATION D'UN DISPOSITIF OPTIQUE A RESEAU DE DIFFRACTION DU TYPE GUIDE D'ONDES**  
[72] MURASHIMA, KIYOTAKA, JP  
[72] HASHIMOTO, KEN, JP  
[72] INOUE, AKIRA, JP  
[72] SHIBATA, TOSHIKAZU, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2004-06-09  
[41] 2004-12-10  
[30] JP (P2003-165376) 2003-06-10

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[21] **2,470,588**  
[13] A1  
[51] **Int.Cl. 7A63F 1/00**  
[25] EN  
[54] **PULL-TAB SKILL TOURNAMENT POKER**  
[54] **TABLE DE TOURNOI DE POKER A CHANCES EGALES POUR CHACUN**  
[72] PETERSON, RANDALL S.E., CA  
[71] BLUE DIAMOND INTERNATIONAL CAPITAL INC., CH  
[22] 2004-06-09  
[41] 2004-12-09  
[30] US (60/476,914) 2003-06-09

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[21] **2,470,592**  
[13] A1  
[51] **Int.Cl. 7E21B 29/00**  
[25] EN  
[54] **EXPANDING TUBING**  
[54] **TUBAGE A EXPANSION**  
[72] BADRAK, ROBERT, US  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[72] MACKAY, ALEXANDER CRAIG, GB  
[72] WHANGER, KEN, US  
[72] HOSIE, DAVID GRAHAM, US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-06-10  
[41] 2004-12-10  
[30] US (10/458,073) 2003-06-10

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[21] **2,470,610**  
[13] A1  
[51] **Int.Cl. 7E21B 17/08 7F16L 15/04**  
[25] EN  
[54] **TUBING CONNECTOR**  
[54] **RACCORD DE TUBAGE**  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-06-10  
[41] 2004-12-11  
[30] GB (0313472.3) 2003-06-11

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[21] **2,470,613**  
[13] A1  
[51] **Int.Cl. 7D03D 15/02**  
[25] EN  
[54] **METAL FABRIC AND METHOD FOR MANUFACTURING A METAL FABRIC**  
[54] **TISSU METALLIQUE ET METHODE DE FABRICATION**  
[72] HAMMERS, MICHAEL, DE  
[71] GKD-GEBR. KUFFERATH AG, DE  
[22] 2004-06-10  
[41] 2004-12-11  
[30] DE (103 26 655.0) 2003-06-11  
[30] DE (103 43 664.2) 2003-09-18

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[21] **2,470,691**  
[13] A1  
[51] **Int.Cl. 7C04B 14/02**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A SHAPED ARTICLE FROM A LIGHTWEIGHT-AGGREGATE GRANULATE AND A BINDER**  
[54] **PROCEDE DE PRODUCTION D'UN ARTICLE FORME A PARTIR D'UN GRANULAT LEGER ET D'UN LIANT**  
[72] SCHMID, HERMANN ANDREAS, DE  
[71] DENNERT PORAVER GMBH, DE  
[22] 2004-06-10  
[41] 2004-12-11  
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[21] **2,470,695**  
[13] A1

[51] **Int.Cl. 7C01G 49/00**  
[25] EN  
[54] **METHOD FOR THE SYNTHESIS OF FERRATES**  
[54] **METHODE DE SYNTHESE DE FERRATES**  
[72] VERSCHUERE, DAVID, FR  
[72] TEDJAR, FAROUK, FR  
[72] COJAN, JEAN-YVES, FR  
[71] INERTEC, FR  
[22] 2004-06-10  
[41] 2004-12-11  
[30] FR (0306976) 2003-06-11

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[21] **2,470,750**  
[13] A1

[51] **Int.Cl. 7H02J 7/00**  
[25] EN  
[54] **UNIVERSAL SERIAL BUS CHARGER FOR A MOBILE DEVICE**  
[54] **APPAREIL DE CHARGE AU MOYEN D'UN BUS SERIEL UNIVERSEL POUR DISPOSITIF MOBILE**  
[72] VESELIC, DUSAN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2004-06-11  
[41] 2004-12-11  
[30] GB (0313485.5) 2003-06-11

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[21] **2,470,775**  
[13] A1

[51] **Int.Cl. 7A61M 39/22 7A61M 27/00**  
[25] EN  
[54] **NEEDLE GUARD HAVING INHERENT PROBE DIRECTING FEATURES**  
[54] **GAINE D'AIGUILLE COMPRENANT DES ELEMENTS POUR DIRIGER UNE SONDÉ**  
[72] DEXTRADEUR, ALAN J., US  
[72] KRAUS, ROBERT G., US  
[71] CODMAN & SHURTLEFF, INC., US  
[22] 2004-06-11  
[41] 2004-12-11  
[30] US (10/459,406) 2003-06-11

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[21] **2,470,797**  
[13] A1

[51] **Int.Cl. 7E21B 10/08**  
[25] EN  
[54] **ORDERED ELASTOMERIC COMPOSITE MATERIAL**  
[54] **MATERIAU COMPOSITE ELASTOMERE ORDONNE**  
[72] DENTON, ROBERT, US  
[72] WHITE, ALYSIA C., US  
[72] SIRACKI, MICHAEL A., US  
[72] KESHAVAN, MADAPUSI K., US  
[72] HEEL, PATRICIA, US  
[72] TINKHAM, LEROY N., US  
[72] GRIFFO, ANTHONY, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2004-06-11  
[41] 2004-12-11  
[30] US (10/460,345) 2003-06-11

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[21] **2,470,810**  
[13] A1

[51] **Int.Cl. 7E02F 5/08**  
[25] EN  
[54] **A CUTTING TOOL FOR DIGGING TRENCHES, AND ENABLING THE CUTTER HEAD TO BE CHANGED QUICKLY**  
[54] **OUTIL DE COUPE POUR L'EXCAVATION DE TRANCHEES ET CHANGEMENT RAPIDE DE TETE DE COUPE**  
[72] CHAGNOT, PHILIPPE, FR  
[72] MATHIEU, FABRICE, FR  
[71] COMPAGNIE DU SOL, FR  
[22] 2004-06-11  
[41] 2004-12-11  
[30] FR (03 07028) 2003-06-11

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[21] **2,471,975**  
[13] A1

[51] **Int.Cl. 7G08C 17/02 7G08C 21/00 7E01F 13/10 7E05F 15/20**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROXIMITY CONTROL OF A BARRIER**  
[54] **SYSTEMES ET METHODES DE CONTROLE DE PROXIMITE D'UNE BARRIERE**  
[72] TSUI, GALLEN KA LEUNG, CA  
[72] TSUI, PHILIP Y. W., CA  
[71] TSUI, GALLEN KA LEUNG, CA  
[71] TSUI, PHILIP Y. W., CA  
[22] 2004-06-23  
[41] 2004-12-05  
[30] US (60/554,725) 2004-03-18

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[21] **2,475,339**  
[13] A1

[51] **Int.Cl. 7E04G 11/48 7E04G 11/38**  
[25] EN  
[54] **SLAB FORMWORK SYSTEMS**  
[54] **SYSTEME DE COFFRAGE DE DALLES**  
[72] VANAGAN, PETER, CA  
[71] HY-RISE SCAFFOLDING LTD., CA  
[22] 2004-07-21  
[41] 2004-12-05

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[21] **2,478,738**  
[13] A1

[51] **Int.Cl. 7H01S 3/10**  
[25] EN  
[54] **WAVELENGTH LOCKING FOR MULTI-WAVELENGTH LASER SOURCE**  
[54] **VERROUILLAGE EN LONGUEUR D'ONDE POUR SOURCE LASER A PLUSIEURS LONGUEURS D'ONDE**  
[72] AHMADVAND, NIMA, CA  
[71] PELETON PHOTONIC SYSTEMS INC., CA  
[22] 2004-08-18  
[41] 2004-12-06  
[30] US (60/499,720) 2003-09-04  
[30] US (10/832,305) 2004-04-27

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[21] **2,478,888**  
[13] A1

[51] **Int.Cl. 7E04H 17/08 7E04H 17/20**  
[25] FR  
[54] **LATTE POUR CLOTURE A MAILLES DE CHAINE**  
[54] **SLATS FOR USE IN CHAINLINK FENCES**  
[72] THIBODEAU, ANDRE, CA  
[71] THIBODEAU, ANDRE, CA  
[22] 2004-09-01  
[41] 2004-12-07

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[21] **2,450,549**  
[13] A1

[51] **Int.Cl. 7A61L 9/01 7A61L 9/14**  
[25] EN  
[54] **METHODS OF PRODUCING, MARKETING AND USING ODOR CONTROL COMPOSITIONS**  
[54] **METHODES DE PRODUCTION, DE COMMERCIALISATION ET D'UTILISATION DE COMPOSITIONS D'ELIMINATION DES ODEURS**  
[72] ALFREY, PAUL, US  
[72] ALFREY, JANICE, US  
[71] ALFREY, PAUL, US  
[71] ALFREY, JANICE, US  
[85] 2003-12-08  
[86] 2003-06-05 (PCT/US2003/017761)  
[87] 2004-12-05 (WO/)

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[21] **2,454,778**  
[13] A1

[51] **Int.Cl. 7H02H 3/05 7G06F 9/00 7H05K 10/00 7H04L 1/22 7H04B 1/74**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING OBJECT BASED CLUSTERS**  
[54] **SYSTEME ET PROCEDE DE GESTION DE GROUPES BASES SUR LES OBJETS**  
[72] ESFAHANY, KOUROS H., US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2003-12-31  
[86] 2002-06-08 (PCT/US2002/021379)  
[87] 2003-01-16 (WO2003/005525)  
[30] US (60/303,425) 2001-07-06

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[21] **2,464,950**  
[13] A1

[51] **Int.Cl. 7E05B 63/06 7E05B 63/08**  
[25] EN  
[54] **LOCKING AMPLIFIER**  
[54] **AMPLIFICATEUR DE VERROUILLAGE**  
[72] ARTZIELY, AYAL, IL  
[71] MUL-T-LOCK SECURITY PRODUCTS LTD., IL  
[85] 2004-04-23  
[86] 2002-11-26 (PCT/IL2002/000951)  
[87] 2003-06-05 (WO2003/046318)  
[30] IL (146740) 2001-11-26

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[21] **2,467,279**  
[13] A1

[51] **Int.Cl. 7A61K 31/4375 7C07D 491/147 7A61K 31/5025**  
[25] EN  
[54] **SOLUBILIZED TOPOISOMERASE POISON AGENTS**  
[54] **AGENTS POISONS DE TOPOISOMERASES SOLUBILISES**  
[72] RUCHELMAN, ALEXANDER L., US  
[72] LAVOIE, EDMOND J., US  
[71] RUTGERS, THE STATE OF UNIVERSITY, US  
[85] 2004-05-13  
[86] 2002-11-14 (PCT/US2002/036475)  
[87] 2003-06-26 (WO2003/051289)  
[30] US (60/332,692) 2001-11-14

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[21] **2,467,774**  
[13] A1

[51] **Int.Cl. 7A61K 31/4375 7C07D 491/147 7C07D 491/22 7A61K 31/5025**  
[25] EN  
[54] **SOLUBILIZED TOPOISOMERASE POISONS**  
[54] **POISONS DE TOPOISOMERASE SOLUBILISES**  
[72] LIU, LEROY F., US  
[72] RUCHELMAN, ALEXANDER L., US  
[72] LAVOIE, EDMOND J., US  
[71] RUTGERS, THE STATE UNIVERSITY, US  
[85] 2004-05-13  
[86] 2002-11-14 (PCT/US2002/036901)  
[87] 2003-05-22 (WO2003/041660)  
[30] US (60/332,734) 2001-11-14

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[21] **2,468,953**  
[13] A1

[51] **Int.Cl. 7C07D 493/04 7A61P 35/00 7A61K 31/443**  
[25] EN  
[54] **TAXANE DERIVATIVE CRYSTAL AND METHOD FOR PREPARING THE SAME**  
[54] **CRISTAUX DE DERIVE DE TAXANE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] ONO, MAKOTO, JP  
[72] TAKAYANAGI, YOSHIHIRO, JP  
[72] UCHIDA, SEISHIRO, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2004-05-27  
[86] 2002-11-29 (PCT/JP2002/012506)  
[87] 2003-06-05 (WO2003/045953)  
[30] JP (2001-363681) 2001-11-29

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[21] **2,469,286**  
[13] A1

[51] **Int.Cl. 7B41J 13/08 7H04N 1/52**  
[25] EN  
[54] **METHOD FOR PRINTING A DIGITAL IMAGE ON A TEXTILE**  
[54] **PROCEDE D'IMPRESSION JET D'ENCRE D'UNE IMAGE NUMERIQUE SUR UN TEXTILE, SYSTEME ET APPAREIL PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE, ET PRODUITS FABRIQUES PAR LESDITS SYSTEME ET APPAREIL**  
[72] HOFFMAN, CHARLES R., III, US  
[72] KUSHNER, DAVID S., US  
[71] SUPERSAMPLE CORPORATION, US  
[85] 2004-06-03  
[86] 2002-11-22 (PCT/US2002/037546)  
[87] 2003-06-12 (WO2003/047866)  
[30] US (10/011,361) 2001-12-03

[21] **2,471,574**  
[13] A1

[51] **Int.Cl. 7B01L 9/00 7B65D 71/00 7B01L 3/02 7B65D 25/10 7B65D 85/42**  
[25] EN  
[54] **PIPETTE TIP CONTAINER**  
[54] **RECIPIENT POUR POINTES DE PIPETTES**  
[72] JANKOWSKI, ANDRZEJ, PL  
[72] SARNA, WOJCIECH, PL  
[71] "PZ HTL" SPOLKA AKCJNA, PL  
[85] 2004-06-22  
[86] 2003-01-21 (PCT/PL2003/000007)  
[87] 2003-08-07 (WO2003/064271)  
[30] PL (P.351910) 2002-01-29

[21] **2,471,589**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61P 27/02**  
[25] EN  
[54] **PHARMACEUTICAL CONJUGATES WITH ENHANCED PHARMACOKINETIC CHARACTERISTICS**  
[54] **CONJUGUES PHARMACEUTIQUES PRESENTANT DES CARACTERISTIQUES PHARMACOCINETIQUES AMELIOREES**  
[72] HUGHES, PATRICK M., US  
[72] OLEJNIK, OREST, US  
[71] ALLERGAN SALES, INC., US  
[85] 2004-06-11  
[86] 2002-12-13 (PCT/US2002/040153)  
[87] 2003-06-26 (WO2003/051400)  
[30] US (10/016,850) 2001-12-14

[21] **2,476,365**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7G01N 33/569 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR EVALUATING VIRAL RECEPTOR/CO-RECEPTOR USAGE AND INHIBITORS OF VIRUS ENTRY USING RECOMBINANT VIRUS ASSAYS**  
[54] **COMPOSITIONS ET METHODES SERVANT A L'EVALUATION DE L'UTILISATION D'UN RECEPTEUR / CO-RECEPTEUR VIRAL ET DE L'ENTREE D'INHIBITEURS DE VIRUS, FAISANT INTERVENIR DES CRIBLAGES DE VIRUS RECOMBINES**  
[72] HUANG, WEI, US  
[72] WHITCOMB, JEANNETTE M., US  
[72] PARKIN, NEIL T., US  
[72] LITTLE, SUSAN, US  
[72] PETROPOULOS, CHRISTOS J., US  
[72] RICHMAN, DOUGLAS, US  
[72] WRIN, MARY T., US  
[71] VIROLOGIC, INC., US  
[85] 2004-08-16  
[86] 2003-02-14 (PCT/US2003/004373)  
[87] 2003-08-28 (WO2003/070985)  
[30] US (10/077,027) 2002-02-15

[21] **2,476,397**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7C07K 7/04 7A61P 31/04 7C07K 7/06 7C07K 7/08 7C12N 9/12**  
[25] EN  
[54] **ALBUMIN-BASED DRUG DELIVERY SYSTEM AND ANTIMICROBIAL PEPTIDES**  
[54] **NOUVEAU SYSTEME D'ADMINISTRATION DE MEDICAMENTS**  
[72] SILIGARDI, GIULIANO, GB  
[72] HUSSAIN, ROHANAH, GB  
[71] KING'S COLLEGE LONDON, GB  
[85] 2004-08-16  
[86] 2002-02-15 (PCT/GB2002/000680)  
[87] 2002-08-29 (WO2002/066067)  
[30] GB (0103877.7) 2001-02-16

[21] **2,476,403**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7C07H 21/04 7A61K 39/21 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DETERMINING THE SUSCEPTIBILITY OF A PATHOGENIC VIRUS TO PROTEASE INHIBITORS**  
[54] **COMPOSITIONS ET PROCEDES POUR DETERMINER LA SENSIBILITE D'UN VIRUS PATHOGENE A DES INHIBITEURS DE PROTEASE**  
[72] CHAPPEY, COLOMBE, US  
[72] PARKIN, NEIL T., US  
[72] PETROPOULOS, CHRISTOS J., US  
[71] VIROLOGIC, INC., US  
[85] 2004-08-16  
[86] 2003-02-14 (PCT/US2003/004362)  
[87] 2003-08-28 (WO2003/070700)  
[30] US (60/357,171) 2002-02-15  
[30] US (60/359,342) 2002-02-22  
[30] US (60/392,377) 2002-06-26

[21] **2,476,468**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**  
[25] EN  
[54] **PROTEIN CARRIER SYSTEM FOR THERAPEUTIC OLIGONUCLEOTIDES**  
[54] **SYSTEME DE VECTEUR PROTEIQUE POUR DES OLIGONUCLEOTIDES THERAPEUTIQUES**  
[72] XIE, DONG, US  
[71] MEDBRIDGE, INC., US  
[85] 2004-08-16  
[86] 2003-02-13 (PCT/US2003/004323)  
[87] 2003-08-21 (WO2003/069306)  
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[25] EN  
[54] **METHODS OF MAKING HYPERMUTABLE CELLS USING PMSR HOMOLOGS**  
[54] **PROCEDES DE FABRICATION DE CELLULES HYPERMUTABLES UTILISANT DES HOMOLOGUES DE PMSR**  
[72] SASS, PHILIP M., US  
[72] NICOLAIDES, NICHOLAS C., US  
[72] GRASSO, LUIGI, US  
[71] MORPHOTEK, INC., US  
[85] 2004-08-16  
[86] 2003-02-21 (PCT/US2003/005501)  
[87] 2003-09-04 (WO2003/072732)  
[30] US (60/358,578) 2002-02-21

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[21] **2,476,564**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7C12P 19/34**  
[25] EN  
[54] **POLYNOMIAL AMPLIFICATION OF NUCLEIC ACIDS**  
[54] **AMPLIFICATION POLYNOMIALE D'ACIDES NUCLEIQUES**  
[72] MANTHEY, JEFFREY A., US  
[72] WALDER, JOSEPH ALAN, US  
[72] BEHLKE, MARK AARON, US  
[71] INTEGRATED DNA TECHNOLOGIES, INC., US  
[85] 2004-08-16  
[86] 2003-02-28 (PCT/US2003/006293)  
[87] 2003-09-12 (WO2003/074724)  
[30] US (60/360,995) 2002-03-01

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[51] **Int.Cl. 7A61K 38/17 7G01N 33/53**  
[25] EN  
[54] **METHODS OF PREVENTING OR TREATING BRAIN ISCHEMIA OR BRAIN INJURY**  
[54] **METHODES DE PREVENTION OU DE TRAITEMENT D'ISCHEMIES OU DE LESIONS CEREBRALES**  
[72] FAERMAN, ALEXANDER, IL  
[72] IDELSON, GREGORY HIRSH, IL  
[72] KACHALSKY, SYLVIA G., IL  
[71] QUARK BIOTECH, INC., US  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2004-08-18  
[86] 2003-02-20 (PCT/US2003/005090)  
[87] 2003-09-04 (WO2003/072543)  
[30] US (60/359,061) 2002-02-21

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[13] A1

[51] **Int.Cl. 7C12N 15/57 7A61K 45/00 7C12N 9/50 7G01N 33/53 7C12Q 1/68**  
[25] EN  
[54] **HUMAN ANALOGS OF MURINE DEUBIQUITINATING PROTEASE GENES**  
[54] **ANALOGUES HUMAINS DE GENES DE PROTEASE MURINE LIBERATRICE D'UBIQUITINE**  
[72] HAHN, CHANG, US  
[72] LIU, HONG, US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2004-08-18  
[86] 2003-02-20 (PCT/US2003/005338)  
[87] 2003-09-04 (WO2003/072724)  
[30] US (60/358,873) 2002-02-22  
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[30] US (60/363,020) 2002-03-08  
[30] GB (0208404.4) 2002-04-12

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[51] **Int.Cl. 7A61K 39/395 7C12N 15/13 7C07K 16/28**  
[25] EN  
[54] **REAGENTS AND TREATMENT METHODS FOR AUTOIMMUNE DISEASES**  
[54] **REACTIFS ET METHODES THERAPEUTIQUES DE MALADIES AUTO-IMMUNES**  
[72] TEDDER, THOMAS F., US  
[71] DUKE UNIVERSITY, US  
[85] 2004-08-18  
[86] 2003-02-21 (PCT/US2003/005549)  
[87] 2003-09-04 (WO2003/072736)  
[30] US (60/359,419) 2002-02-21  
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[13] A1

[51] **Int.Cl. 7C12N 15/62 7G01N 33/50 7C07K 14/715**  
[25] FR  
[54] **PROCEDE DE DETECTION DE LIGANDS DU RECEPTEUR DE LA LEPTINE**  
[54] **METHOD FOR DETECTION OF LEPTIN RECEPTOR LIGANDS**  
[72] COUTURIER, CYRIL, FR  
[72] JOCKERS, RALPH, FR  
[71] AVENTIS PHARMA S.A., FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2004-08-19  
[86] 2003-02-25 (PCT/FR2003/000610)  
[87] 2003-09-04 (WO2003/072787)  
[30] FR (02/02431) 2002-02-26

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[13] A1

[51] **Int.Cl. 7A22C 13/00**  
[25] FR  
[54] **PRODUIT ALIMENTAIRE ENROBE, COMPOSITION, PROCEDE ET APPAREIL POUR SA FABRICATION**  
[54] **COATED FOOD PRODUCT, COMPOSITION, METHOD AND APPARATUS FOR MAKING SAME**  
[72] TORCATIS, PHILIPPE, FR  
[71] PALGA INTERNATIONAL, FR  
[85] 2004-08-23  
[86] 2003-07-25 (PCT/FR2003/002348)  
[87] 2004-02-05 (WO2004/010801)  
[30] FR (02/209479) 2002-07-26

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7C11D 3/386 7C12N 9/54 7G01N 33/569  
7G01N 33/573 7A61K 31/7088**

[25] EN  
[54] **SUBTILISIN CARLSBERG  
PROTEINS WITH REDUCED  
IMMUNOGENICITY**  
[54] **PROTEINES DE LA SUBTILISINE  
(CARLSBERG) PRESENTANT UNE  
ANTIGENICITE REDUITE**  
[72] HARDING, FIONA A, US  
[71] GENENCOR INTERNATIONAL,  
INC., US  
[85] 2004-08-19  
[86] 2003-02-26 (PCT/US2003/005861)  
[87] 2003-09-04 (WO2003/072746)  
[30] US (60/360,057) 2002-02-26  
[30] US (60/384,777) 2002-05-30

[21] **2,476,942**  
[13] A1

[51] **Int.Cl. 7C12Q 1/48 7C12N 9/12**

[25] EN  
[54] **ASSAY FOR ACTIVITY OF THE  
ACTRIIB KINASE**  
[54] **ESSAI DE DETERMINATION DE  
L'ACTIVITE DE LA ACTRIIB KINASE**  
[72] SPENCER, ROBIN WHITNEY, US  
[72] O'CONNOR, BARBARA ANN, US  
[72] KRASNEY, PHILIP ALBERT, US  
[72] NORCIA, MICHAEL, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-08-20  
[86] 2003-02-17 (PCT/IB2003/000638)  
[87] 2003-09-04 (WO2003/072808)  
[30] US (60/360,607) 2002-02-28

[21] **2,477,094**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7C12N 9/00  
7C07H 21/04 7C12N 9/24 7C12N 9/26  
7C12N 9/38 7A61K 38/43**

[25] EN  
[54] **RICIN VACCINE AND METHODS  
OF MAKING AND USING THEREOF**  
[54] **VACCIN A BASE DE RICIN ET SES  
PROCEDES DE FABRICATION ET  
D'UTILISATION**  
[72] OLSON, MARK A., US  
[72] LECLAIRE, ROSS D., US  
[72] MILLARD, CHARLES B., US  
[72] WANNEMACHER, ROBERT W., US  
[72] BYRNE, MICHAEL P., US  
[71] U.S. ARMY MEDICAL RESEARCH  
AND MATERIEL COMMAND, US  
[85] 2004-08-23  
[86] 2002-02-27 (PCT/US2002/005732)  
[87] 2003-09-04 (WO2003/072018)

[21] **2,477,239**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G06F 19/00  
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7G01N 33/94**

[25] EN  
[54] **DRUG SIGNATURES**  
[54] **SIGNATURES DE MEDICAMENTS**  
[72] NATSOULIS, GEORGES, US  
[71] ICONIX PHARMACEUTICALS, INC.,  
US  
[85] 2004-08-27  
[86] 2003-02-28 (PCT/US2003/006382)  
[87] 2003-09-04 (WO2003/072065)  
[30] US (60/360,728) 2002-02-28

[21] **2,477,240**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00  
7A01H 1/04 7C12N 5/04 7C12N 5/10  
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[25] EN  
[54] **PRECISE BREEDING**  
[54] **AMELIORATION GENETIQUE  
PRECISE**  
[72] ROMMENS, CAIUS M.T., US  
[72] YE, JINGSONG, US  
[72] YAN, HUA, US  
[72] MENENDEZ-HUMARA, JAIME, US  
[72] SWORDS, KATHLEEN M.M., US  
[72] RICHAEAL, CRAIG, US  
[72] BRINKERHOFF, LEIGH W., US  
[71] J.R. SIMPLOT COMPANY, US  
[85] 2004-08-20  
[86] 2003-02-20 (PCT/US2003/004947)  
[87] 2003-08-28 (WO2003/069980)  
[30] US (60/357,661) 2002-02-20  
[30] US (60/377,602) 2002-05-06

[21] **2,477,243**  
[13] A1

[51] **Int.Cl. 7C12N 15/57 7C12P 21/02  
7C12N 9/50 7C12N 15/63**

[25] EN  
[54] **MODIFIED BACE**  
[54] **ENZYM BACE MODIFIEE**  
[72] CHOU, KUO-CHEN, US  
[72] HOWE, JEFFREY W., US  
[71] PHARMACIA & UPJOHN COMPANY  
LLC, US  
[85] 2004-08-23  
[86] 2003-02-21 (PCT/US2003/005508)  
[87] 2003-09-04 (WO2003/072733)  
[30] US (60/358,651) 2002-02-21

[21] **2,477,249**  
[13] A1

[51] **Int.Cl. 7C12N 15/19 7C07K 19/00  
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7C12N 15/63 7C07K 14/715**

[25] EN  
[54] **NOVEL TYPE-1 CYTOKINE  
RECEPTOR GLM-R**  
[54] **NOUVEAU RECEPTEUR GLM-R  
DE CYTOKINE DE TYPE 1**  
[72] DE SAUVAGE, FREDERIC, J., US  
[72] GHILARDI, NICO, P., US  
[72] GODDARD, AUDREY, US  
[72] WOOD, WILLIAM, I., US  
[72] GURNEY, AUSTIN, L., US  
[72] GRIMALDI, CHRISTOPHER, J., US  
[72] GODOWSKI, PAUL, J., US  
[71] GENENTECH, INC., US  
[85] 2004-08-23  
[86] 2003-02-24 (PCT/US2003/005616)  
[87] 2003-09-04 (WO2003/072740)  
[30] US (60/359,806) 2002-02-25

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[13] A1

[51] **Int.Cl. 7A61K 38/17 7C12P 21/02 7A61P 31/04**  
[25] EN  
[54] **METHOD OF MAKING CS6 ANTIGEN VACCINE FOR TREATING, PREVENTING, OR INHIBITING ENTEROTOXIGENIC ESCHERICHIA COLI INFECTIONS**  
[54] **PROCEDE DE PREPARATION DE VACCINS A ANTIGENES CS6 PERMETTANT DE TRAITER, PREVENIR OU INHIBER DES INFECTIONS ENTEROTOXIGENES PAR ESCHERICHIA COLI**  
[72] CASSELS, FREDERICK J., US  
[72] WOOD, JAMES F., US  
[71] U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND, US  
[85] 2004-08-23  
[86] 2003-02-24 (PCT/US2003/005423)  
[87] 2003-09-18 (WO2003/076643)  
[30] US (60/361,105) 2002-02-25  
[30] US (60/421,804) 2002-10-29

[21] **2,477,409**  
[13] A1

[51] **Int.Cl. 7C07K 14/415 7C07K 1/113 7C07K 1/36**  
[25] EN  
[54] **METHOD FOR PRODUCING HYPOALLERGENIC MAJOR BIRCH POLLEN ALLERGENS RBET V 1**  
[54] **PROCEDE POUR PRODUIRE DES ALLERGENES MAJEURS DES POLLENS DE BOULEAU HYPOALLERGENIQUES RBET V 1**  
[72] FIEBIG, HELMUT, DE  
[72] CROMWELL, OLIVER, DE  
[72] SUCK, ROLAND, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-08-25  
[86] 2003-02-07 (PCT/EP2003/001246)  
[87] 2003-09-04 (WO2003/072601)  
[30] EP (02004567.0) 2002-02-27

[21] **2,477,429**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 39/00 7C07K 19/00 7C12N 15/11 7A61K 35/14 7A61K 38/17 7C07K 14/47 7A61K 31/7088**  
[25] EN  
[54] **TARGETED IMMUNOGENS**  
[54] **IMMUNOGENES CIBLES**  
[72] SALHA, DANIELLE, CA  
[72] UGER, BOB, CA  
[72] BARBER, BRIAN, US  
[72] MORSE, BUZZY, US  
[72] CHENG, SU, US  
[72] GUO, YONG, US  
[71] AVENTIS PASTEUR LIMITED, CA  
[71] AVENTIS PHARMACEUTICALS, INC., US  
[85] 2004-09-08  
[86] 2003-01-29 (PCT/US2003/002534)  
[87] 2003-08-07 (WO2003/064609)  
[30] US (60/352,892) 2002-01-29  
[30] US (10/219,850) 2002-08-15

[21] **2,477,452**  
[13] A1

[51] **Int.Cl. 7C12N 15/53 7A01H 5/00 7A01H 1/04 7C12Q 1/68 7C12N 15/82**  
[25] EN  
[54] **CLONING OF CYTOCHROME P450 GENES FROM NICOTIANA**  
[54] **CLONAGE DES GENES DU CYTOCHROME P450 A PARTIR DE NICOTIANA**  
[72] XU, DONGMEI, US  
[71] U.S. SMOKELESS TOBACCO COMPANY, US  
[85] 2004-08-24  
[86] 2003-03-12 (PCT/US2003/007430)  
[87] 2003-09-25 (WO2003/078577)  
[30] US (60/363,684) 2002-03-12

[21] **2,477,459**  
[13] A1

[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **COMPARATIVE MOLECULAR FIELD ANALYSIS (COMFA) UTILIZING TOPOMERIC ALIGNMENT OF MOLECULAR FRAGMENTS**  
[54] **ANALYSE COMPARATIVE DE CHAMPS MOLECULAIRES (COMFA) METTANT EN OEUVRE UN ALIGNEMENT TOPOMETRIQUE DE FRAGMENTS MOLECULAIRES**  
[72] CRAMER, RICHARD D., US  
[72] JILEK, ROBERT J., US  
[71] CRAMER, RICHARD D., US  
[71] JILEK, ROBERT J., US  
[85] 2004-08-25  
[86] 2003-02-25 (PCT/US2003/005862)  
[87] 2003-09-04 (WO2003/072747)  
[30] US (60/359,947) 2002-02-25

[21] **2,477,567**  
[13] A1

[51] **Int.Cl. 7C07F 9/09 7B01F 17/00 7C08G 65/327 7C08G 63/692 7C08G 63/91**  
[25] EN  
[54] **PHOSPHATE ESTERS DISPERSANTS**  
[54] **DISPERSANTS COMPOSES D'ESTERS PHOSPHORIQUES**  
[72] SCHOFIELD, JOHN DAVID, GB  
[72] THETFORD, DEAN, GB  
[72] SIMPSON, NEIL LOUIS, GB  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2004-08-27  
[86] 2003-02-18 (PCT/GB2003/000601)  
[87] 2003-09-04 (WO2003/072632)  
[30] GB (0204638.1) 2002-02-28

[21] **2,477,688**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G06F 19/00**  
[25] EN  
[54] **KIDNEY TOXICITY PREDICTIVE GENES**  
[54] **GENES PREDICTIFS D'UNE TOXICITE DES REINS**  
[72] NOLAN, TIMOTHY D., US  
[72] KIER, LARRY, US  
[72] SANKAR, USHA, US  
[72] DERBEL, MAHER, US  
[71] PHASE-1 MOLECULAR TOXICOLOGY, INC., US  
[85] 2004-08-27  
[86] 2003-02-27 (PCT/US2003/006196)  
[87] 2003-12-04 (WO2003/100030)  
[30] US (60/361,128) 2002-02-27

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[13] A1  
[51] **Int.Cl. 7C12N 9/22 7C12Q 1/44 7C12Q 1/68**  
[25] EN  
[54] **RNA DETECTION ENZYMES**  
[54] **ENZYMES DE DETECTION DE L'ARN**  
[72] NERI, BRUCE N., US  
[72] SCHAEFER, JAMES J., US  
[72] ALLAWI, HATIM TAYSIR, US  
[72] LYAMICHEV, NATALIE E., US  
[72] LYAMICHEV, VICTOR, US  
[72] LUKOWIAK, ANDREW A., US  
[72] KAISER, MICHAEL, US  
[72] MA, WUPO, US  
[71] THIRD WAVE TECHNOLOGIES, US  
[85] 2004-08-26  
[86] 2003-02-26 (PCT/US2003/005613)  
[87] 2003-09-04 (WO2003/073067)  
[30] US (10/084,839) 2002-02-26

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[13] A1  
[51] **Int.Cl. 7A61K 7/02 7A61K 7/00 7A61P 17/00**  
[25] EN  
[54] **COSMETIC COMPOSITIONS AND METHODS FOR USING SAME TO IMPROVE THE AESTHETIC APPEARANCE OF SKIN**  
[54] **COMPOSITIONS COSMETIQUES ET METHODES D'UTILISATION DE CELLES-CI POUR AMELIORER L'ESTHETIQUE DE LA PEAU**  
[72] TRAUDT, MICHAEL, US  
[72] PTHELINTSEV, DMITRI, US  
[72] MAHALINGAM, HARISH, US  
[72] KYROU, CHRISTOS D., US  
[71] AVON PRODUCTS, INC., US  
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[54] **NUCLEOSIDE 5'-MONOPHOSPHATE MIMICS AND THEIR PRODRUGS**  
[54] **ANALOGUES DE NUCLEOSIDE 5'-MONOPHOSPHATE ET LEURS PROMEDICAMENTS**  
[72] ARIZA, MARIA EUGENIA, US  
[72] COOK, PHILLIP DAN, US  
[72] WANG, GUANGYI, US  
[72] BRUICE, THOMAS, W., US  
[72] FAGAN, PATRICK C., US  
[72] LEEDS, JANET M., US  
[72] BROOKS, JENNIFER L., US  
[72] RAJAPPAN, VASANTHANKUMAR, US  
[72] SAKTHIVEL, KANDASAMY, US  
[72] TUCKER, KATHLEEN D., US  
[71] BIOTA, INC., US  
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[25] EN  
[54] **A NON-SELECTIVE CATION CHANNEL IN NEURAL CELLS AND METHODS FOR TREATING BRAIN SWELLING**  
[54] **CANAL CATIONIQUE NON SELECTIF DANS DES CELLULES NEURONALES ET PROCEDES DE TRAITEMENT D'OEDEME CEREBRAL**  
[72] MINGKUI, CHEN, US  
[72] SIMARD, J. MARC, US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
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[54] **CRYSTAL STRUCTURE OF PHOSPHODIESTERASE 5 AND USE THEREOF**  
[54] **STRUCTURE CRISTALLINE DE PHOSPHODIESTERASE 5 ET SON UTILISATION**  
[72] KAMP, SARAH HELEN, GB  
[72] O'GARA, MARGARET MARY, FR  
[72] RINGROSE, HEATHER JOAN, GB  
[72] HOPKINS, ANDREW LEE, GB  
[72] BROWN, DAVID GRAHAM, GB  
[72] TAYLOR, WENDY ELAINE, GB  
[72] ROBINSON, COLIN MARK, GB  
[72] GROOM, COLIN ROGER, GB  
[72] JENKINS, TIMOTHY MARK, GB  
[71] PFIZER INC., US  
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[54] **PROCEDES D'IDENTIFICATION DE SITES ALLOSTERIQUES**  
[72] LAM, JONI, US  
[72] HARDY, JEANNE, US  
[72] HANSEN, STIG K., US  
[72] ERLANSON, DANIEL A., US  
[72] O'BRIEN, THOMAS, US  
[71] SUNESIS PHARMACEUTICALS, INC., US  
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[54] **METHODS FOR IDENTIFYING COMPOUNDS THAT MODULATE ENZYMATIC ACTIVITY**  
[54] **METHODES D'IDENTIFICATION DE COMPOSES MODULANT L'ACTIVITE ENZYMATIQUE**  
[72] ERLANSON, DANIEL A., US  
[72] MCDOWELL, ROBERT S., US  
[72] HANSEN, STIG, US  
[71] SUNESIS PHARMACEUTICALS, INC., US  
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[25] EN  
[54] **DNA NANOCAGE BY SELF-ORGANIZATION OF DNA AND PROCESS FOR PRODUCING THE SAME, AND DNA NANOTUBE AND MOLECULE CARRIER USING THE SAME**  
[54] **NANOCAGE D'ADN OBTENUE PAR AUTO-ORGANISATION D'ADN ET SON PROCEDE DE PRODUCTION, ET NANOTUBE D'ADN ET SUPPORT MOLECULAIRE UTILISANT CE DERNIER**  
[72] MATSUURA, KAZUNORI, JP  
[72] YAMASHITA, TARO, JP  
[72] KIMIZUKA, NOBUO, JP  
[71] KYUSHU TLO COMPANY, LIMITED, JP  
[85] 2004-09-01  
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[25] EN  
[54] **NOVEL CURCUMINOID-FACTOR VIA CONSTRUCTS AS SUPPRESSORS OF TUMOR GROWTH AND ANGIOGENESIS**  
[54] **NOUVELLES CONSTRUCTIONS DE FACTEURS VIA DE CURCUMINOIDES UTILISEES EN TANT QUE SUPPRESSEURS DE LA CROISSANCE TUMORALE ET DE L'ANGIOGENESE**  
[72] LIOTTA, DENNIS C., US  
[72] SHOJI, MAMORU, US  
[72] SUN, AIMING, US  
[72] SYNDER, JAMES, US  
[71] EMORY UNIVERSITY, US  
[85] 2004-09-02  
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[30] US (60/362,762) 2002-03-08

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[25] EN  
[54] **GENOMIC SCREEN FOR EPIGENETICALLY SILENCED GENES ASSOCIATED WITH CANCER**  
[54] **DEPISTAGE GENOMIQUE POUR GENES LIES AU CANCER RENDUS EPIGENETIQUEMENT SILENCIEUX**  
[72] SUZUKI, HIROMU, US  
[72] BAYLIN, STEPHEN B., US  
[72] HERMAN, JAMES G., US  
[72] SIDRANSKY, DAVID, US  
[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[85] 2004-09-02  
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[51] **Int.Cl. 7G01S 13/524 7G01S 7/292**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SPECTRAL GENERATION IN RADAR**  
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'UN SPECTRE DANS UN RADAR**  
[72] PONSFORD, TONY, CA  
[72] DIZAJI, REZA, CA  
[71] RAYTHEON CANADA LIMITED, CA  
[85] 2004-09-10  
[86] 2003-03-07 (PCT/US2003/006895)  
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[51] **Int.Cl. 7G01N 33/483 7G06N 1/00**  
[25] EN  
[54] **IDENTIFYING PEPTIDE MODIFICATIONS**  
[54] **IDENTIFICATION DE MODIFICATIONS DE PEPTIDES**  
[72] MAROTO, FERNANDO M., US  
[71] THERMO FINNIGAN, LLC, US  
[85] 2004-09-09  
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[51] **Int.Cl. 7C07H 15/20 7A61P 43/00 7A61K 45/06 7A61P 3/10 7A61P 13/12 7C07H 15/203 7A61K 31/7034**  
[25] EN  
[54] **ARYL 5-THIO-BETA-D-GLUCOPYRANOSIDE DERIVATIVES AND REMEDIES FOR DIABETES CONTAINING THE SAME**  
[54] **DERIVES ARYLE 5-THIO-?-D-GLUCOPYRANOSIDE ET MEDICAMENTS ANTIDIABETIQUES CONTENANT CES DERIVES**  
[72] KAKINUMA, HIROYUKI, JP  
[72] ASANUMA, HAJIME, JP  
[72] SATO, MASAKAZU, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
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[25] EN  
[54] **ENHANCER SEQUENCE OF THE 5-AMINOLEVULINIC ACID SYNTHASE GENE**  
[54] **SEQUENCE ACTIVATRICE DU GENE D'ACIDE 5-AMINOLEVULINIQUE SYNTHASE**  
[72] PODVINEC, MICHAEL, CH  
[72] KAUFMANN, MICHEL R., CH  
[72] MEYER, URS ALBERT, CH  
[72] FRASER, DAVID JOHN, CH  
[72] ZUMSTEG, ADRIAN, CH  
[71] UNIVERSITAT BASEL, CH  
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[30] IB (PCT/IB02/01258) 2002-04-09

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[13] A1

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[25] EN  
[54] **NOVEL 2-AMINO-9--(2-HYDROXYMETHYL) CYCLOPROPYLIDENEMETHYL| PURINES AS ANTIVIRAL AGENTS**  
[54] **NOUVELLES 2-AMINO-9--(2-HYDROXYMETHYL) CYCLOPROPYLIDENEMETHYL| PURINES UTILISEES EN TANT QU'AGENTS ANTIVIRAUX**  
[72] DRACH, JOHN C., US  
[72] ZEMPLICKA, JIRI, US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[71] WAYNE STATE UNIVERSITY, US  
[85] 2004-09-10  
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[30] US (60/364,495) 2002-03-15

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[13] A1

[51] **Int.Cl. 7C12Q 1/70**  
[25] EN  
[54] **AMPLIFICATION-HYBRIDISATION METHOD FOR DETECTING AND TYPING HUMAN PAPILLOMAVIRUS**  
[54] **METHODE D'AMPLIFICATION-HYBRIDATION DESTINEE A DETECTER ET CLASSIFIER LE PVH**  
[72] TAKACS, TIBOR, HU  
[72] JENEY, CSABA, HU  
[71] GENOID KFT, HU  
[85] 2004-09-13  
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[13] A1

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[25] EN  
[54] **HYBRID AND SINGLE CHAIN MEGANUCLEASES AND USE THEREOF**  
[54] **MEGANUCLEASES HYBRIDES ET MONOCATENAIRES ET LEUR UTILISATION**  
[72] CHAMES, PATRICK, FR  
[72] EPINAT, JEAN-CHARLES, FR  
[72] LACROIX, EMMANUEL, FR  
[72] CHOULIKA, ANDRE, FR  
[72] ARNOULD, SYLVAIN, FR  
[71] CELLECTIS, FR  
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[30] US (60/364,113) 2002-03-15

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[54] **NOVEL GENES**  
[54] **NOUVEAUX GENES**  
[72] YAMASHITA, KENJI, JP  
[72] NIWA, HIDEO, JP  
[71] KANEKA CORPORATION, JP  
[85] 2004-09-14  
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[13] A1

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[25] EN  
[54] **RECOMBINANT EXPRESSION VECTORS FOR FUNCTIONAL NAV1.9 SODIUM CHANNELS**  
[54] **VECTEURS D'EXPRESSION DE RECOMBINAISON POUR CANAUX SODIUM NAV1.9 FONCTIONNELS**  
[72] GREENWOOD, JOHN D., US  
[72] GONDA, MATTHEW A., US  
[71] TRANSMOLECULAR, INC., US  
[85] 2004-09-13  
[86] 2003-03-20 (PCT/US2003/008611)  
[87] 2003-10-02 (WO2003/080570)  
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[13] A1

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[25] EN  
[54] **CENTRAL AIRWAY ADMINISTRATION FOR SYSTEMIC DELIVERY OF THERAPEUTICS**  
[54] **APPORT PAR LES VOIES AERIENNES CENTRALES POUR L'ADMINISTRATION SYSTEMIQUE DE MEDICAMENTS**  
[72] SIMISTER, NEIL E., US  
[72] BLUMBERG, RICHARD S., US  
[72] LENCER, WAYNE I., US  
[72] BITONTI, ALAN J., US  
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
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[25] EN  
[54] **AN INNOVATIVE METHOD FOR THE PREPARATION OF PROTON CONDUCTING NANOPOLYMERIC MEMBRANES FOR USE IN FUEL CELLS OR IN CATALYTIC MEMBRANE REACTORS**  
[54] **PROCEDE NOVATEUR D'OBTENTION DE MEMBRANES NANOPOLYMERES A CONDUCTIVITE PROTONIQUE DESTINEES A DES PILES A COMBUSTIBLE OU A DES REACTEURS A MEMBRANE CATALYTIQUE**  
[72] CASCIOLA, MARIO, IT  
[72] PICA, MONICA, IT  
[72] ALBERTI, GIULIO, IT  
[71] FUMA-TECH GESELLSCHAFT FUR FUNKTIONELLE MEMBRANEN UND ANLAGETECHNOLOGIE MBH, DE  
[85] 2004-09-15  
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[30] IT (PG 2002 A 0015) 2002-03-22

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[13] A1

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[25] EN  
[54] **NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF PRDM 11**  
[54] **COMPOSITIONS ET PROCEDES CONCERNANT LE CANCER ASSOCIE A UNE EXPRESSION ALTEREE DE PRDM 11**  
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[71] SAGRES DISCOVERY, US  
[85] 2004-09-17  
[86] 2003-03-20 (PCT/US2003/008808)  
[87] 2003-10-02 (WO2003/081251)  
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[13] A1

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[25] EN  
[54] **ADJUSTABLE BEDREST AND A SYSTEM FOR CONTROLLING THE POSITION OF A BEDREST POSITIONED UNDER A MATTRESS**  
[54] **APPUI-DOS REGLABLE ET SYSTEME DE COMMANDE DE LA POSITION D'UN APPUI-DOS PLACE SOUS UN MATELAS**  
[72] THOMAS, PAUL, US  
[72] LEVENTHAL, ROBERT, US  
[71] BANYAN LICENSING LLC, US  
[85] 2004-09-30  
[86] 2003-04-02 (PCT/US2003/009821)  
[87] 2003-10-16 (WO2003/084367)  
[30] US (10/116,230) 2002-04-04  
[30] US (10/316,551) 2002-12-11

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[13] A1

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[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING ACUTE STRESS**  
[54] **PROCEDE ET APPAREIL POUR MESURER LE STRESS AIGU**  
[72] SCHAIPER, DANIEL RAYMOND, US  
[72] DOYLE, KEVIN LEE, US  
[72] HILTON, MICHAEL LEE, US  
[72] PRICKEL, DIANE LYNN, US  
[72] SAUD, ABEL, US  
[72] EL-NOKALY, MAGDA, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[13] A1

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[25] EN  
[54] **INTRAORAL DENTAL RADIOLOGY POSITIONING DEVICE**  
[54] **DISPOSITIF DE POSITIONNEMENT RADIOLOGIQUE DENTAIRE INTRA-ORAL**  
[72] DIEDERICH, JENNIFER, A., US  
[71] DIEDERICH, JENNIFER, A., US  
[85] 2004-09-29  
[86] 2003-03-25 (PCT/US2003/009100)  
[87] 2003-10-16 (WO2003/084421)  
[30] US (10/113,401) 2002-04-01  
[30] US (10/365,921) 2003-02-13  
[30] US (10/395,371) 2003-03-24

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[13] A1

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[25] EN  
[54] **ORTHODONTIC ALIGNER AUXILIARY SYSTEM**  
[54] **SYSTEME ACCESSOIRE POUR ALIGNEUR ORTHODONTIQUE**  
[72] HILLIARD, JACK KEITH, US  
[71] HILLIARD, JACK KEITH, US  
[85] 2004-09-28  
[86] 2003-03-17 (PCT/US2003/008166)  
[87] 2003-10-16 (WO2003/084422)  
[30] US (10/115,413) 2002-04-03

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[13] A1

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[25] EN  
[54] **BABY CARRIER WITH A SEAT THE BACKREST OF WHICH IS WIDTH-ADJUSTABLE**  
[54] **PORTE-BEBE COMPRENANT UN SIEGE A LARGEUR DE DOSSIER REGLABLE**  
[72] GENTIL, JEAN-LUC, FR  
[71] AMPAFRANCE, FR  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/FR2003/001055)  
[87] 2003-10-09 (WO2003/082058)  
[30] FR (02/04178) 2002-04-03

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[13] A1

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[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING A PATIENT TREATMENT PROGRAM**  
[54] **SYSTEME ET PROCEDE DE GESTION D'UN PROGRAMME DE TRAITEMENT**  
[72] URQUHART, JOHN, US  
[72] MAYER, STEVEN LLOYD, US  
[72] VRIJENS, BERNARD, BE  
[72] METRY, JEAN-MICHEL, CH  
[71] ABBOTT LABORATORIES, US  
[85] 2004-09-28  
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[54] **SYSTEME D'ATTACHE**  
[72] MAHER, PATRICK GERARD, AU  
[71] SHARK ABRASION SYSTEMS PTY LTD, AU  
[85] 2004-09-22  
[86] 2003-03-26 (PCT/AU2003/000362)  
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[30] AU (PS 1348) 2002-03-26  
[30] AU (2002950166) 2002-07-12

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[25] EN  
[54] **POLYCARBONATE HAVING A HIGH EXTENSIONAL VISCOSITY**  
[54] **POLYCARBONATE A VISCOSITE A L'EXPANSION ELEVEE**  
[72] KRIETER, MARKUS, DE  
[72] DIJKSTRA, DIRK-JACQUES, DE  
[72] HORN, KLAUS, DE  
[72] HUFEN, RALF, DE  
[72] HEPPERLE, JENS, DE  
[72] MUNSTEDT, HELMUT, DE  
[71] BAYER MATERIALSCIENCE AG, DE  
[85] 2004-09-22  
[86] 2003-03-20 (PCT/EP2003/002901)  
[87] 2003-10-02 (WO2003/080706)  
[30] DE (102 13 230.5) 2002-03-25  
[30] DE (102 29 594.8) 2002-07-02

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[54] **FILLER COMPOSITES**  
[54] **COMPOSITES DE REMPLISSAGE**  
[72] SCHOFIELD, JOHN DAVID, GB  
[72] RICHARDS, STUART NICHOLAS, GB  
[72] ROTHON, ROGER NORMAN, GB  
[72] THETFORD, DEAN, GB  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2004-09-22  
[86] 2003-02-19 (PCT/GB2003/000718)  
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[30] GB (0206755.1) 2002-03-22  
[30] GB (0226925.6) 2002-11-16

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[13] A1

[51] **Int.Cl. 7A23L 2/74 7A23L 2/04 7A23L 2/08 7B01D 61/14 7C13D 3/16**  
[25] EN  
[54] **PROCESS FOR PREPARING READY-TO-DRINK SHELF STABLE SUGARCANE JUICE BEVERAGE**  
[54] **PROCEDE DE PREPARATION D'UNE BOISSON DE JUS DE CANNE A SUCRE DE LONGUE CONSERVATION ET PRETE A BOIRE**  
[72] KULATHOORAN, RAMALAKSHMI, IN  
[72] BORSE, BABASAHEB BHASKARRAO, IN  
[72] SINGH, IBOYAIMA, IN  
[72] MYSORE, NAGARAJARAO RAMESH, IN  
[72] VISHWESHWARAIAH, PRAKASH, IN  
[72] BASHYAM, RAGHAVAN, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[85] 2004-09-22  
[86] 2002-03-26 (PCT/IN2002/000065)  
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[25] EN  
[54] **MORPHOLINYL-UREA DERIVATIVES FOR USE OF THE TREATMENT OF INFLAMMATORY DISEASES**  
[54] **NOUVEAUX COMPOSES**  
[72] WALKER, ANDREW JOHN, GB  
[72] SWANSON, STEPHEN, GB  
[72] ROBERTSON, GRAEME MICHAEL, GB  
[72] WILKINSON, MARK, GB  
[72] MILLS, GAIL, GB  
[72] LEWELL, XIAO QING, GB  
[72] KEELING, SUZANNE ELAINE, GB  
[72] ELDRED, COLIN DAVID, GB  
[72] JUDD, DUNCAN BRUCE, GB  
[72] HODGSON, SIMON TEANBY, GB  
[72] GORE, PAUL MARTIN, GB  
[72] COOK, CAROLINE MARY, GB  
[72] HARRISON, LEE ANDREW, GB  
[72] HAYES, MARTIN ALISTAIR, GB  
[72] ANCLIFF, RACHAEL ANN, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-09-22  
[86] 2003-03-27 (PCT/EP2003/003335)  
[87] 2003-10-09 (WO2003/082861)  
[30] GB (0207434.2) 2002-03-28  
[30] GB (0301608.6) 2003-01-24

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[51] **Int.Cl. 7F02M 57/00 7F02M 65/00 7F02M 21/06 7F02M 53/06 7F02M 31/18**  
[25] EN  
[54] **FUEL INJECTOR FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **INJECTEUR DE COMBUSTIBLE POUR MOTEUR A COMBUSTION INTERNE**  
[72] PALMER, PETER L., US  
[72] SPRAGUE, STUART BENNETT, US  
[72] LOFTUS, PETER, US  
[72] MELLO, JOHN PAUL, US  
[72] BARON, JOHN, US  
[72] LINNA, JAN ROGER, US  
[72] PELLIZZARI, ROBERT O., US  
[71] CHRYSALIS TECHNOLOGIES, INC., US  
[85] 2004-09-22  
[86] 2003-03-24 (PCT/US2003/009218)  
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[30] US (60/367,121) 2002-03-22  
[30] US (10/143,250) 2002-05-10

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[13] A1

[51] **Int.Cl. 7F02M 57/00 7F02M 65/00 7F02B 77/04 7F02M 21/06 7F02M 53/06 7F02M 31/18 7F02M 61/18**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PREPARING AND DELIVERING FUEL**  
[54] **PROCEDE ET APPAREIL DESTINE A LA PREPARATION ET A LA DISTRIBUTION DE COMBUSTIBLE**  
[72] PELLIZZARI, ROBERTO O., US  
[71] CHRYSALIS TECHNOLOGIES, INC., US  
[85] 2004-09-22  
[86] 2003-03-24 (PCT/US2003/009290)  
[87] 2003-10-09 (WO2003/083283)  
[30] US (60/367,122) 2002-03-22  
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[13] A1  
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[25] EN  
[54] **USE OF CARBON-2-MODIFIED-19-NOR-VITAMIN D ANALOGS TO INDUCE THE FORMATION OF NEW BONE**  
[54] **UTILISATION D'ANALOGUES DE CARBONE-2-MODIFIE-19-NOR-VITAMINE D POUR INDUIRE LA FORMATION D'OS NOUVEAU**  
[72] SHEVDE, NIRUPAMA K., US  
[72] DELUCA, HECTOR F., US  
[72] PIKE, J. WESLEY, US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2004-09-22  
[86] 2003-03-12 (PCT/US2003/007443)  
[87] 2003-10-09 (WO2003/082300)  
[30] US (10/105,826) 2002-03-25

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[51] **Int.Cl. 7F16K 15/02 7F16K 37/00**  
[25] EN  
[54] **DISC CHECK VALVE**  
[54] **CLAPET DE RETENUE A DISQUE**  
[72] ENERSON, JON R., US  
[71] HALKEY-ROBERTS CORPORATION, US  
[85] 2004-09-22  
[86] 2003-03-07 (PCT/US2003/007394)  
[87] 2003-10-09 (WO2003/083335)  
[30] US (60/366,590) 2002-03-22  
[30] US (10/367,460) 2003-02-14

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[13] A1  
[51] **Int.Cl. 7A61K 45/00 7A61K 33/00 7A61P 31/00 7A61K 31/02 7A61P 31/04**  
[25] EN  
[54] **OXYGENATING AGENTS FOR ENHANCING HOST RESPONSES TO MICROBIAL INFECTIONS**  
[54] **UTILISATION D'AGENTS OXYGENANTS POUR ACCROITRE LA REPONSE D'UN HOTE AUX INFECTIONS ET RENFORCER L'EFFICACITE IN VIVO DES ANTIMICROBIENS**  
[72] CARLTON, RICHARD M., US  
[72] GALPIN, JEFFREY E., US  
[71] EXPONENTIAL BIOTHERAPIES, INC., US  
[85] 2004-09-22  
[86] 2003-03-26 (PCT/US2003/009226)  
[87] 2003-10-09 (WO2003/082392)  
[30] US (60/367,732) 2002-03-28

[21] **2,480,143**  
[13] A1  
[51] **Int.Cl. 7B25B 23/00**  
[25] EN  
[54] **LOW CLEARANCE SOCKET AND DRIVE SYSTEM**  
[54] **DOUILLE A FAIBLE JEU ET SYSTEME D'ENTRAINEMENT**  
[72] EGGERT, DANIEL M., US  
[72] IWINSKI, DEAN J., US  
[72] FOSTER, MICHAEL L., US  
[71] SNAP-ON INCORPORATED, US  
[85] 2004-09-22  
[86] 2003-03-21 (PCT/US2003/008876)  
[87] 2003-10-09 (WO2003/082525)  
[30] US (60/366,895) 2002-03-22

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[13] A1  
[51] **Int.Cl. 7B60N 2/58 7A47C 31/02 7A47C 5/06 7A47C 7/28 7B60N 2/72**  
[25] EN  
[54] **SEAT FRAME PANEL FOR ATTACHING A FABRIC SUSPENSION**  
[54] **PANNEAU DE CADRE DE SIEGE DESTINE A FIXER UN TISSU TENDU**  
[72] NEALE, COLIN G., US  
[71] INTIER AUTOMOTIVE INC., CA  
[85] 2004-09-22  
[86] 2003-03-24 (PCT/US2003/008987)  
[87] 2003-10-09 (WO2003/082628)  
[30] US (60/366,873) 2002-03-22

[21] **2,480,147**  
[13] A1  
[51] **Int.Cl. 7G02B 26/08 7G02B 6/35**  
[25] EN  
[54] **LOW LOSS OPTICAL SWITCH USING MAGNETIC ACTUATION AND SENSING**  
[54] **COMMUTATEUR OPTIQUE A FAIBLE TAUX DE PERTES AVEC COMMANDE MAGNETIQUE ET DETECTION**  
[72] FOSTER, JACK, US  
[72] NEUKERMANS, ARMAND, US  
[72] TREMAINE, BRIAN, US  
[72] ART, WAGNER, US  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2004-09-22  
[86] 2003-03-27 (PCT/US2003/009414)  
[87] 2003-12-18 (WO2003/104855)  
[30] US (60/368,300) 2002-03-27

[21] **2,480,189**  
[13] A1  
[51] **Int.Cl. 7C09D 175/06 7C09D 133/08 7C08J 3/28**  
[25] EN  
[54] **COATING COMPOSITION CURABLE WITH ULTRAVIOLET RADIATION**  
[54] **COMPOSITION DE REVETEMENT DURCISSABLE AVEC UN RAYONNEMENT ULTRAVIOLET**  
[72] STEWART, JENNIFER, US  
[72] KEMPF, HANS, US  
[72] LAGINESS, THOMAS, US  
[71] BASF CORPORATION, US  
[85] 2004-10-04  
[86] 2003-11-18 (PCT/US2003/037223)  
[87] 2004-12-10 (WO/)  
[30] US (60/477,413) 2003-06-10  
[30] US (10/686,870) 2003-10-15

[21] **2,480,224**  
[13] A1  
[51] **Int.Cl. 7E05D 15/38 7E05F 11/00 7H02K 17/32**  
[25] EN  
[54] **A BALANCE CONTROL SYSTEM FOR A MOVABLE BARRIER OPERATOR**  
[54] **SYSTEME DE CONTROLE D'EQUILIBRE POUR ACTIONNEUR DE BARRIERE MOBILE**  
[72] FITZGIBBON, JAMES J., US  
[72] BROOKBANK, THOMAS A., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[85] 2004-10-04  
[86] 2003-04-08 (PCT/US2003/010923)  
[87] 2003-10-23 (WO2003/087510)  
[30] US (10/119,817) 2002-04-10

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[13] A1

[51] **Int.Cl. 7E21B 43/00 7F04B 47/12**  
[25] EN  
[54] **GAS OPERATED AUTOMATIC, LIQUID PUMPING SYSTEM FOR WELLS**  
[54] **SYSTEME DE POMPAGE DE LIQUIDE AUTOMATIQUE ACTIONNE PAR GAZ UTILISE DANS DES PUITTS**  
[72] SWOYER, GERALD L., US  
[72] YANIGA, PAUL M., US  
[72] BORDOGNA, RICHARD J., US  
[72] HUNT, CHARLES H., US  
[71] BRANDYWINE ENERGY AND DEVELOPMENT COMPANY, INC., US  
[85] 2004-10-05  
[86] 2003-04-07 (PCT/US2003/010593)  
[87] 2003-10-23 (WO2003/087521)  
[30] US (10/118,463) 2002-04-08

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 48/00 7A61P 35/00 7C07H 19/02 7A61K 31/70**  
[25] EN  
[54] **OLIGOMERIC COMPOUNDS FOR THE MODULATION HIF-1ALPHA EXPRESSION**  
[54] **COMPOSES OLIGOMERES SERVANT A MODULER L'EXPRESSION DU FACTEUR HIF-1SG(A)**  
[72] HOG, ANJA MOLHART, DK  
[72] THRU, CHARLOTTE ALBAEK, DK  
[72] KRISTJANSEN, PAUL E. G., DK  
[71] SANTARIS PHARMA A/S, DK  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/IB2003/001758)  
[87] 2003-10-16 (WO2003/085110)  
[30] US (60/370,126) 2002-04-05

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[13] A1

[51] **Int.Cl. 7A63H 17/00 7A63H 30/00**  
[25] EN  
[54] **TOY VEHICLE WITH MOVABLE CHASSIS COMPONENTS**  
[54] **VEHICULE-JOUET DOTE DE COMPOSANTS DE CHASSIS MOBILES**  
[72] KISLEVITZ, ADAM LUTHER, US  
[72] KISLEVITZ, ANDROC LUTHER, US  
[72] FERRO, JAMES MICHAEL, US  
[72] KISLEVITZ, NOAH LUTHER, US  
[72] LYNDERS, MICHAEL JOHN, US  
[71] THE OBB, LLC., US  
[85] 2004-09-28  
[86] 2003-10-30 (PCT/US2003/034872)  
[87] 2004-05-21 (WO2004/041385)  
[30] US (60/423,183) 2002-11-01

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[13] A1

[51] **Int.Cl. 7A61J 1/20 7A61M 39/00**  
[25] EN  
[54] **FLUID TRANSFER ASSEMBLY**  
[54] **ENSEMBLE DE TRANSFERT DE FLUIDE**  
[72] HORPPU, PETRI, SE  
[72] AKERLUND, ROGER, SE  
[72] ANDREASSON, KJELL, SE  
[71] CARMEL PHARMA AB, SE  
[85] 2004-09-27  
[86] 2003-03-12 (PCT/SE2003/000405)  
[87] 2003-10-02 (WO2003/079956)  
[30] US (10/063,159) 2002-03-26

[21] **2,480,470**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61K 31/519**  
[25] EN  
[54] **INHIBITORS OF NUCLEOSIDE PHOSPHORYLASES AND NUCLEOSIDASES**  
[54] **INHIBITEURS DES NUCLEOSIDE PHOSPHORYLASES ET NUCLEOSIDASES**  
[72] EVANS, GARY BRIAN, NZ  
[72] FURNEAUX, RICHARD HUBERT, NZ  
[72] TYLER, PETER CHARLES, NZ  
[71] INDUSTRIAL RESEARCH LIMITED, NZ  
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, US  
[85] 2004-09-27  
[86] 2003-03-25 (PCT/NZ2003/000050)  
[87] 2003-10-02 (WO2003/080620)  
[30] NZ (517970) 2002-03-25

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[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 9/10**  
[25] EN  
[54] **A PROCESS FOR THE EXTRACTION OF ANTHOCYANINS FROM BLACK RICE AND COMPOSITION THEREOF**  
[54] **PROCEDE D'EXTRACTION D'ANTHOCYANINES DU RIZ NOIR ET LEUR COMPOSITION**  
[72] KITTS, DAVID D., CA  
[72] ZAWISTOWSKI, JERZY, CA  
[72] HU, CHUN, CA  
[71] FORBES MEDI-TECH INC., CA  
[85] 2004-09-27  
[86] 2003-03-26 (PCT/CA2003/000433)  
[87] 2003-10-02 (WO2003/080084)  
[30] US (10/108,305) 2002-03-26

[21] **2,480,473**  
[13] A1

[51] **Int.Cl. 7E21B 7/06 7E21B 25/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR CORING AND/OR DIRECTIONAL DRILLING**  
[54] **PROCEDE ET DISPOSITIF DE CAROTTAGE ET/OU FORAGE DEVIE**  
[72] DECHIEF, GEORGES, BE  
[72] FANUEL, PHILIPPE, BE  
[72] QUINTANA, LUIS, BE  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2004-09-27  
[86] 2003-03-25 (PCT/BE2003/000054)  
[87] 2003-10-02 (WO2003/080987)  
[30] BE (2002/0223) 2002-03-27

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[13] A1

[51] **Int.Cl. 7G08G 1/01 7G01C 21/00 7G08G 1/13**  
[25] EN  
[54] **ROAD INFORMATION PROVIDING SYSTEM AND ROAD INFORMATION PROVIDING APPARATUS AND ROAD INFORMATION GENERATING METHOD**  
[54] **SYSTEME ET APPAREIL D'INFORMATION ROUTIERE ET PROCEDE DE GENERATION D'INFORMATION ROUTIERE**  
[72] ADACHI, SHINYA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2004-09-27  
[86] 2003-03-27 (PCT/JP2003/003875)  
[87] 2003-10-02 (WO2003/081558)  
[30] JP (2002-089069) 2002-03-27  
[30] JP (2003-025037) 2003-01-31

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[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **DETECTING AND COUNTERING MALICIOUS CODE IN ENTERPRISE NETWORKS**  
[54] **DETECTION ET NEUTRALISATION DE CODE MALVEILLANT DANS DES RESEAUX D'ENTREPRISE**  
[72] KIDRON, YARON, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2004-09-27  
[86] 2003-04-15 (PCT/US2003/011824)  
[87] 2003-10-30 (WO2003/090426)  
[30] US (60/373,135) 2002-04-17

[21] **2,480,552**  
[13] A1

[51] **Int.Cl. 7C07C 255/29 7A01N 37/34**  
[25] EN  
[54] **AMIDOACETONITRILE COMPOUNDS AND THEIR USE AS PESTICIDES**  
[54] **COMPOSES D'AMIDOACETONITRILE ET UTILISATION DE CES DERNIERS EN TANT QUE PESTICIDES**  
[72] BOUVIER, JACQUES, CH  
[72] GOEBEL, THOMAS, DE  
[72] DUCRAY, PIERRE, FR  
[71] NOVARTIS AG, CH  
[85] 2004-10-05  
[86] 2003-06-05 (PCT/EP2003/005928)  
[87] 2003-12-18 (WO2003/104187)  
[30] CH (0965/02) 2002-06-06

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[13] A1

[51] **Int.Cl. 7B66B 1/28**  
[25] EN  
[54] **METHOD AND APARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM**  
[54] **PROCEDE ET APPAREIL D'AUGMENTATION DE PERFORMANCE DE TRAFIC D'UN SYSTEME D'ASCENSEUR**  
[72] PETERS, RICHARD D., GB  
[72] SMITH, RORY S., US  
[71] THYSSEN ELEVATOR CAPITAL CORP., US  
[85] 2004-09-28  
[86] 2003-03-04 (PCT/US2003/006277)  
[87] 2003-10-09 (WO2003/082721)  
[30] US (10/113,517) 2002-03-28

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[13] A1

[51] **Int.Cl. 7C07C 69/757 7C07C 217/08 7A61P 3/08 7A61K 31/13 7A61K 31/164 7A61K 31/215 7C07C 233/63**  
[25] EN  
[54] **COMPOUNDS THAT STIMULATE GLUCOSE UTILIZATION AND METHODS OF USE**  
[54] **COMPOSES STIMULANT L'UTILISATION DU GLUCOSE ET PROCEDES D'UTILISATION**  
[71] LOPASCHUK, GARY DAVID, CA  
[72] VEDERAS, JOHN CHRISTOPHER, CA  
[72] DYCK, JASON ROLAND, CA  
[71] THE UNIVERSITY OF ALBERTA, CA  
[85] 2004-09-28  
[86] 2003-03-31 (PCT/IB2003/001761)  
[87] 2003-10-09 (WO2003/082800)  
[30] IB (PCT/IB02/02525) 2002-04-01  
[30] US (10/112,041) 2002-04-01  
[30] US (10/181,274) 2002-07-11  
[30] US (10/313,990) 2002-12-05

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[13] A1

[51] **Int.Cl. 7C07D 277/66 7A61P 29/00 7A61P 43/00 7A61P 19/02 7A61P 25/04 7A61P 19/06 7C07D 417/12 7A61K 31/428**  
[25] EN  
[54] **.KAPPA.-OPIOID RECEPTOR AGONIST COMPRISING 2-PHENYLBENZOTHIAZOLINE DERIVATIVE**  
[54] **AGONISTE DU RECEPTEUR K-OPIOIDE COMPRENANT UN DERIVE DE 2-PHENYLBENZOTHIAZOLINE**  
[72] KOHNO, SHIN-ICHI, JP  
[72] HONDA, TAKAHIRO, JP  
[72] NIWA, MASASHI, JP  
[72] OSUMI, YAEKO, JP  
[72] TOKAI, MAKI, JP  
[72] FUJIMURA, KEN-ICHI, JP  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/JP2003/003928)  
[87] 2003-10-09 (WO2003/082840)  
[30] JP (2002-097500) 2002-03-29

[21] **2,480,562**  
[13] A1

[51] **Int.Cl. 7C07D 285/10 7C07D 417/06 7A61P 3/10 7A61K 31/433**  
[25] EN  
[54] **5-SUBSTITUTED 1,1-DIOXO-'1,2,5]THIAZOLIDINE-3-ONE DERIVATIVES AS PTPASE 1B INHIBITORS**  
[54] **DERIVES 5-SUBSTITUES 1,1-DIOXO-'1,2,5]THIAZOLIDINE-3-ONE UTILISES EN TANT QU'INHIBITEURS DE PTPASE 1B**  
[72] STAMS, TRAVIS MATHEW, US  
[72] VLATTAS, ISIDOROS, US  
[72] TOPIOL, SIDNEY WOLF, US  
[72] JEWELL, CHARLES FRANCIS, JR., US  
[72] DAVIES, JOHN WILLIAM, US  
[72] COPPOLA, GARY MARK, US  
[72] SPERBECK, DONALD MARK, US  
[72] LI, YU-CHIN, US  
[72] WAREING, JAMES RICHARD, US  
[71] NOVARTIS AG, CH  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/EP2003/003466)  
[87] 2003-10-09 (WO2003/082841)  
[30] US (60/369,930) 2002-04-03  
[30] US (60/369,779) 2002-04-03

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[13] A1

[51] **Int.Cl. 7A47G 9/02**  
[25] EN  
[54] **PROTECTIVE COVER FOR A COMFORTER**  
[54] **HOUSSE DE PROTECTION DE COUETTE**  
[72] WIRTZ, JOSE, FR  
[71] WIRTZ, JOSE, FR  
[85] 2004-10-05  
[86] 2003-04-30 (PCT/FR2003/001356)  
[87] 2003-12-18 (WO2003/103460)  
[30] FR (02/06994) 2002-06-07  
[30] FR (02/09312) 2002-07-23

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[13] A1  
[51] **Int.Cl. 7A61K 31/70 7C12N 5/00**  
[25] EN  
[54] **MIXED- CELL GENE THERAPY**  
[54] **THERAPIE GENIQUE**  
**CELLULAIRE MIXTE**  
[72] YI, YOUNGSUK, US  
[72] SONG, SUN UK, KR  
[72] LEE, KWAN HEE, US  
[72] NOH, MOON JONG, US  
[71] TISSUEGENE, INC., US  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/US2003/009720)  
[87] 2003-10-09 (WO2003/083080)  
[30] US (60/369,162) 2002-03-29

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[13] A1  
[51] **Int.Cl. 7A61M 5/34 7A61C 3/02**  
[25] EN  
[54] **TOOL HOLDER FOR FLEXIBLY-  
DEFORMABLE TOOL**  
[54] **PORTE-OUTIL POUR OUTIL  
DEFORMABLE EN FLEXION**  
[72] DELVAL, ALAIN, CH  
[72] ROSSET, YANNIC, CH  
[72] VOLCKMANN, JEAN-CLAUDE, FR  
[71] WEILL, DAVID, CH  
[85] 2004-09-29  
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[13] A1  
[51] **Int.Cl. 7A61L 27/18 7B29C 71/00  
7B29D 11/00 7C08J 7/02 7G02B 1/04  
7A61L 12/14**  
[25] EN  
[54] **PROCESS FOR EXTRACTING  
BIOMEDICAL DEVICES**  
[54] **PROCEDE D'ELIMINATION DE  
MATIERES EXTRACTIBLES SE  
TROUVANT DANS DES DISPOSITIFS  
BIOMEDICAUX**  
[72] AYYAGARI, MADHU, US  
[72] NANDU, MAHENDRA P., US  
[72] INDRA, ERIK M., US  
[71] BAUSCH & LOMB INCORPORATED,  
US  
[85] 2004-09-28  
[86] 2003-03-21 (PCT/US2003/008994)  
[87] 2003-10-09 (WO2003/082367)  
[30] US (60/368,623) 2002-03-28

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[13] A1  
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7C07D 309/10 7C07D 309/14 7C07D 307/  
22 7C07D 307/24**  
[25] EN  
[54] **ANOMERIC DERIVATIVES OF  
MONOSACCHARIDES**  
[54] **DERIVES ANOMERIQUES DE  
MONOSACCHARIDES**  
[72] SCHAFFER, KARL, AU  
[72] ADAMSON, GEORGE, GB  
[72] THANH LE, GIANG, AU  
[72] ABBENANTE, GIOVANI, AU  
[72] MEUTERMANS, WIM, AU  
[72] WEST, MICHAEL LEO, AU  
[71] ALCHEMIA LIMITED, AU  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/AU2003/000384)  
[87] 2003-10-09 (WO2003/082846)  
[30] AU (PS 1434) 2002-03-28

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[13] A1  
[51] **Int.Cl. 7A61L 24/04 7A61L 24/00  
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7A61L 27/16 7A61L 27/50**  
[25] EN  
[54] **EMBOLIZATION**  
[54] **EMBOLISATION**  
[72] KNAPP, DAVID, US  
[72] MANGIN, STEPHAN, US  
[72] LANPHERE, JANEL, US  
[72] BELLISARIO, MARC, US  
[72] BUISER, MARCIA, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/US2003/009408)  
[87] 2003-10-16 (WO2003/084582)  
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[30] US (10/116,330) 2002-04-04  
[30] US (10/215,594) 2002-08-09

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[21] **2,480,582**  
[13] A1  
[51] **Int.Cl. 7A61N 1/00**  
[25] EN  
[54] **MUSCLE STIMULATION IN CAST-  
IMMOBILIZED LIMB**  
[54] **STIMULATION DE MUSCLES  
DANS UN MEMBRE IMMOBILISE  
DANS UN PLATRE**  
[72] NACHUM, ZVI, IL  
[71] STIMU-HEAL INC., IL  
[85] 2004-09-28  
[86] 2003-03-20 (PCT/IL2003/000242)  
[87] 2003-10-09 (WO2003/082400)  
[30] US (10/108,436) 2002-03-29

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[13] A1  
[51] **Int.Cl. 7C07D 309/32 7C07D 405/06  
7C07D 407/06 7C07D 413/06 7C07D 417/  
06 7A61P 31/14 7A61K 31/351**  
[25] EN  
[54] **PYRANON AND PYRANDION  
INHIBITORS OF HEPATITIS C VIRUS  
RNA-DEPENDENT RNA POLYMERASE**  
[54] **INHIBITEURS DE L'ARN  
POLYMERASE ARN DEPENDANT DU  
VIRUS DE L'HEPATITE C A BASE DE  
PYRANONE ET DE PYRANDION**  
[72] BORCHARDT, ALLEN J., US  
[72] GOBLE, MICHAEL PAUL, US  
[71] PFIZER INC., US  
[85] 2004-09-28  
[86] 2003-03-21 (PCT/IB2003/001206)  
[87] 2003-10-09 (WO2003/082848)  
[30] US (60/369,381) 2002-04-01

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[21] **2,480,586**  
[13] A1  
[51] **Int.Cl. 7A61N 1/36**  
[25] EN  
[54] **APPARATUS AND METHOD TO  
DISCRIMINATE BETWEEN  
TELEMETRY DOWNLINK SIGNALS  
AND NOISE IN AN IMPLANTED  
DEVICE**  
[54] **APPAREIL ET PROCEDE  
PERMETTANT DE DISCRIMINER DES  
SIGNAUX DE TELEMESURE DE  
LIAISON DESCENDANTE D'UN BRUIT  
DANS UN DISPOSITIF IMPLANTE**  
[72] WAHLSTRAND, JOHN D., US  
[72] ECKER, ROBERT M., US  
[72] REINKE, JAMES D., US  
[72] DAVIS, TIMOTHY J., US  
[71] MEDTRONIC, INC., US  
[85] 2004-09-28  
[86] 2003-04-01 (PCT/US2003/009901)  
[87] 2003-10-16 (WO2003/084606)  
[30] US (10/117,550) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7B02C 7/14 7D21B 1/14 7D21D 1/30**  
[25] EN  
[54] **A METHOD AND A DEVICE FOR MEASURING STRESS FORCES IN REFINERS**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DE FORCES DE CONTRAINTE DANS DES RAFFINEURS**  
[72] BACKLUND, HANS-OLOF, SE  
[71] METSO PAPER, INC., FI  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/SE2003/000530)  
[87] 2003-10-09 (WO2003/082470)  
[30] SE (0201023-9) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7B02C 7/14 7D21B 1/14 7D21D 1/30**  
[25] EN  
[54] **A METHOD AND A DEVICE FOR MEASURING STRESS FORCES IN REFINERS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE MESURER LES FORCES DE CONTRAINTE DANS LES RAFFINEURS**  
[72] BACKLUND, HANS-OLOF, SE  
[71] METSO PAPER, INC., FI  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/SE2003/000531)  
[87] 2003-10-09 (WO2003/082471)  
[30] SE (0201023-9) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7B26B 9/00 7C23C 16/04 7B23B 27/14 7B23P 15/28 7B26B 21/60**  
[25] EN  
[54] **SELF-SHARPENING CUTTING TOOL WITH HARD COATING**  
[54] **OUTIL DE COUPE AUTO-AIGUISANT A REVETEMENT DURCI**  
[72] LAKHOTKIN, YURY, GB  
[72] ZHUK, YURI, GB  
[72] ALEKSANDROV, SERGEY, GB  
[71] HARDIDE LIMITED, GB  
[85] 2004-09-28  
[86] 2003-03-21 (PCT/GB2003/001219)  
[87] 2003-10-09 (WO2003/082533)  
[30] GB (0207375.7) 2002-03-28

[21] **2,480,592**  
[13] A1  
[51] **Int.Cl. 7B32B 3/30 7B32B 31/00**  
[25] EN  
[54] **MULTI-LAYERED PLASTIC STRIP OR PLATE HAVING A THREE-DIMENSIONAL OPTICAL ASPECT, METHOD FOR THE PRODUCTION AND USE THEREOF**  
[54] **BANDE OU PLAQUE DE MATIERE PLASTIQUE MULTICOUCHE A ASPECT EN RELIEF, PROCEDE DE PRODUCTION ET UTILISATION DE CETTE BANDE OU PLAQUE**  
[72] REICHWEIN, DAVID P., DE  
[72] SCHWONKE, KARL-HEINZ, DE  
[71] ARMSTRONG DLW AG, DE  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/EP2003/003289)  
[87] 2003-10-09 (WO2003/082563)  
[30] DE (102 14 100.2) 2002-03-28

[21] **2,480,595**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **ZINC CITRATE BEADS IN ORAL COMPOSITIONS**  
[54] **BILLES DE METAL DE CITRATE DE ZINC DANS DES COMPOSITIONS ORALES**  
[72] RYLES, CHRISTINE WATSON, US  
[72] WILLIAMS, DAVID ROBERT, US  
[72] ZIEMKIEWICZ, ALEXANDER GEORGE, US  
[72] URBAEZ, JESUS ANTONIO, US  
[71] UNILEVER PLC, GB  
[85] 2004-09-28  
[86] 2003-04-23 (PCT/EP2003/004240)  
[87] 2003-11-06 (WO2003/090702)  
[30] US (10/132,046) 2002-04-25

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[13] A1  
[51] **Int.Cl. 7B29B 9/02 7B29B 9/06 7C08J 3/12**  
[25] EN  
[54] **FIBER PELLETS AND PROCESSES FOR FORMING FIBER PELLETS**  
[54] **PASTILLES EN FIBRE ET PROCEDE DE FABRICATION**  
[72] WISHENGRAD, MURRAY, US  
[72] TRAUB, DARREN, US  
[72] CREWS, JERRY W., US  
[71] FIBERTECH POLYMERS, INC., US  
[85] 2004-09-28  
[86] 2003-03-18 (PCT/US2003/008338)  
[87] 2003-10-16 (WO2003/084726)  
[30] US (10/109,816) 2002-03-29

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[13] A1  
[51] **Int.Cl. 7C07C 51/00**  
[25] EN  
[54] **METHOD OF REMOVING IRON CONTAMINANTS FROM LIQUID STREAMS DURING THE MANUFACTURE AND/OR PURIFICATION OF AROMATIC ACIDS**  
[54] **PROCEDE D'EXTRACTION DE FERROCONTAMINANTS DE VEINES LIQUIDES LORS DE LA FABRICATION ET/OU DE LA PURIFICATION D'ACIDES AROMATIQUES**  
[72] KEYES, TIMOTHY H., US  
[72] NUBEL, PHILIP O., US  
[72] WITTMAN, RICKY L., US  
[71] BP CORPORATION NORTH AMERICA INC., US  
[85] 2004-09-28  
[86] 2003-04-23 (PCT/US2003/012498)  
[87] 2003-11-06 (WO2003/091195)  
[30] US (60/374,719) 2002-04-23  
[30] US (10/420,092) 2003-04-22

[21] **2,480,599**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **A SYSTEM FOR PROCESSING HEALTHCARE CLAIM DATA**  
[54] **SYSTEME DE TRAITEMENT DE DONNEES DE DEMANDES DE SOINS DE SANTE**  
[72] HUNTER, JOHN, US  
[72] LONG, GREG, US  
[72] FITZGERALD, DAVID, US  
[72] LUCAS, BRIAN, US  
[72] KLASSEN, DAVID HIEBERT SR., US  
[72] ZIMMERMAN, JON, US  
[71] SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION, US  
[85] 2004-09-28  
[86] 2003-04-03 (PCT/US2003/010191)  
[87] 2003-10-23 (WO2003/087979)  
[30] US (60/371,027) 2002-04-09  
[30] US (10/247,980) 2002-09-20

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[13] A1  
[51] **Int.Cl. 7G08B 13/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING ASSETS USING A PORTABLE COMBINED ELECTRONIC ARTICLE SURVEILLANCE SYSTEM AND BARCODE SCANNER**  
[54] **SYSTEME ET PROCEDE DE GESTION DE BIENS UTILISANT UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES COMBINE, PORTABLE ET UN SCANNEUR DE CODES-BARRES**  
[72] CANIPE, LARRY, US  
[72] LEONE, STEVEN V., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2004-09-28  
[86] 2003-04-11 (PCT/US2003/012444)  
[87] 2003-10-23 (WO2003/088006)  
[30] US (60/372,016) 2002-04-11

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[13] A1  
[51] **Int.Cl. 7E06B 9/08 7E05D 13/00 7E05D 15/24**  
[25] EN  
[54] **WINDING ASSEMBLY FOR DOOR COUNTERBALANCE SYSTEM**  
[54] **ENSEMBLE D'ENROULEMENT POUR SYSTEME D'EQUILIBRAGE DE PORTE**  
[72] GREEN, KELLY R., US  
[72] MULLET, WILLIS J., US  
[71] WAYNE-DALTON CORP., US  
[85] 2004-09-28  
[86] 2003-03-24 (PCT/US2003/008984)  
[87] 2003-11-06 (WO2003/091529)  
[30] US (10/132,540) 2002-04-24

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[21] **2,480,610**  
[13] A1  
[51] **Int.Cl. 7G01T 1/185**  
[25] EN  
[54] **RADIATION DETECTOR INCLUDING MEANS FOR INDICATING SATISFACTORY OPERATION**  
[54] **DETECTEUR DE RAYONNEMENT COMPRENANT DES MOYENS INDIQUANT UN BON FONCTIONNEMENT**  
[72] CROYDON, WILLIAM FREDERICK, GB  
[71] SIEMENS PLC, GB  
[85] 2004-09-28  
[86] 2003-04-23 (PCT/GB2003/001728)  
[87] 2003-11-06 (WO2003/091748)  
[30] GB (0209233.6) 2002-04-23

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[21] **2,480,611**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00 7H01M 8/04 7H01M 8/12 7C01B 3/22 7C01B 3/24 7C01B 3/26**  
[25] EN  
[54] **METHOD OF OPERATING A FUEL CELL**  
[54] **PROCEDE D'EXPLOITATION D'UNE PILE A COMBUSTIBLE**  
[72] AHMED, KHALIQ, AU  
[71] CERAMIC FUEL CELLS LIMITED, AU  
[85] 2004-09-28  
[86] 2003-04-22 (PCT/AU2003/000479)  
[87] 2003-11-06 (WO2003/092102)  
[30] AU (PS 1934) 2002-04-23

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[21] **2,480,612**  
[13] A1  
[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **AUTHENTICATION SYSTEM AND METHOD HAVING MOBILITY IN PUBLIC WIRELESS LOCAL AREA NETWORK**  
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION ASSURANT UNE MOBILITE DANS UN RESEAU LOCAL SANS FIL**  
[72] SHIN, YONG-SIK, KR  
[72] RYU, SI-HOON, KR  
[72] BHANG, CHAN-JEOM, KR  
[72] LEE, DONG-HAOK, KR  
[71] SK TELECOM CO., LTD., KR  
[85] 2004-09-28  
[86] 2002-10-24 (PCT/KR2002/001987)  
[87] 2003-11-06 (WO2003/092190)  
[30] KR (2002-0022346) 2002-04-23

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[13] A1  
[51] **Int.Cl. 7A01N 37/52 7A01N 47/24 7A01N 43/40 7A01N 37/50 7A01N 43/54 7A01N 43/88**  
[25] EN  
[54] **FUNGICIDAL MIXTURES BASED ON BENZAMIDOXIME DERIVATIVES AND A STROBILURIN DERIVATIVE**  
[54] **MELANGES FONGICIDES A BASE DE DERIVES DE BENZAMIDOXIME ET D'UN DERIVE DE STROBILURINE**  
[72] LORENZ, GISELA, DE  
[72] HADEN, EGON, DE  
[72] SCHERER, MARIA, DE  
[72] SCHELBERGER, KLAUS, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] STIERL, REINHARD, DE  
[72] AMMERMANN, EBERHARD, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/EP2003/003429)  
[87] 2003-10-16 (WO2003/084329)  
[30] DE (102 15 146.6) 2002-04-05

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[21] **2,480,620**  
[13] A1  
[51] **Int.Cl. 7A23L 1/20 7A23J 1/12 7A23J 1/14**  
[25] EN  
[54] **PROTEIN ISOLATES, COMPOSITIONS COMPRISING PROTEIN ISOLATES AND METHODS OF USE**  
[54] **ISOLATS PROTEIQUES COMPOSITIONS COMPRENANT DES ISOLATS PROTEIQUES ET PROCEDES D'UTILISATION**  
[72] TEISSIER, PIERRE, US  
[72] MIKAELIAN, GAREGIN, US  
[71] BON COEUR, INC., US  
[85] 2004-09-28  
[86] 2003-03-31 (PCT/US2003/009507)  
[87] 2003-10-09 (WO2003/082026)  
[30] US (60/368,127) 2002-03-29  
[30] US (60/414,670) 2002-10-01

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[13] A1

[51] **Int.Cl. 7A61B 5/0402**  
[25] EN  
[54] **SUDDEN CARDIAC ARREST MONITORING SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE D'UN ARRET CARDIAQUE SUBIT**  
[72] SCHMIDT, RALF, NL  
[72] REITER, HARALD, NL  
[72] SUCH, OLAF, NL  
[72] REICHINGER, CHRISTIAN, NL  
[72] LAUTER, JOSEF, NL  
[72] VOGTMEIER, GEREON, NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2004-09-28  
[86] 2003-03-06 (PCT/IB2003/000841)  
[87] 2003-10-09 (WO2003/082102)  
[30] EP (02076229.0) 2002-03-29

[21] **2,480,624**  
[13] A1

[51] **Int.Cl. 7A61F 13/56**  
[25] EN  
[54] **PULL-ON DISPOSABLE WEARING ARTICLE**  
[54] **ARTICLE VESTIMENTAIRE ENFILABLE JETABLE**  
[72] WADA, ICHIRO, JP  
[72] KURITA, NORIYUKI, JP  
[72] KAWATA, HIKARI, JP  
[71] UNI-CHARM CO., LTD., JP  
[85] 2004-09-28  
[86] 2003-03-18 (PCT/JP2003/003265)  
[87] 2003-10-09 (WO2003/082172)  
[30] JP (2002-096753) 2002-03-29

[21] **2,480,625**  
[13] A1

[51] **Int.Cl. 7G08B 13/14**  
[25] EN  
[54] **PORTABLE HANDHELD ELECTRONIC ARTICLE SURVEILLANCE AND SCANNER DEVICE**  
[54] **DISPOSITIF DE BALAYAGE ET DE SURVEILLANCE ELECTRONIQUE D'ARTICLES, PORTABLE ET A TENUE MANUELLE**  
[72] VARELA, ARMANDO, US  
[72] RELIHAN, TIMOTHY J., US  
[72] CANIPE, LARRY, US  
[72] EASTER, RON, US  
[72] LEONE, STEVEN V., US  
[72] LABIT, RICH, US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2004-09-28  
[86] 2003-04-11 (PCT/US2003/012442)  
[87] 2003-10-23 (WO2003/088168)  
[30] US (60/372,016) 2002-04-11

[21] **2,480,626**  
[13] A1

[51] **Int.Cl. 7A61K 38/09**  
[25] EN  
[54] **ENHANCEMENT OF ENDOGENOUS GONADOTROPIN PRODUCTION**  
[54] **AMELIORATION DE LA PRODUCTION DE LA GONADOTROPHINE ENDOGENE**  
[72] TANEJA, RAJNEESH, US  
[71] TAP PHARMACEUTICAL PRODUCTS INC., US  
[85] 2004-09-28  
[86] 2003-01-31 (PCT/US2003/003131)  
[87] 2003-10-09 (WO2003/082319)  
[30] US (10/063,197) 2002-03-28

[21] **2,480,627**  
[13] A1

[51] **Int.Cl. 7F17C 9/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE REGASIFICATION OF LNG ONBOARD A CARRIER**  
[54] **PROCEDE ET APPAREIL DE REGAZEIFICATION DE GNL A BORD D'UN METHANIER**  
[72] NIERENBERG, ALAN B., US  
[71] EXCELERATE ENERGY LIMITED PARTNERSHIP, US  
[85] 2004-09-29  
[86] 2002-03-29 (PCT/US2002/009902)  
[87] 2003-10-16 (WO2003/085317)

[21] **2,480,629**  
[13] A1

[51] **Int.Cl. 7C07J 3/00 7C07J 31/00 7C07J 71/00**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF 6.ALPHA.-FLUORO STEROIDS BY ISOMERISATION OF 6.BETA.-FLUOROSTEROIDS**  
[54] **PROCEDE DE PREPARATION DE STEROIDES 6.ALPHA.-FLUORO PAR L'ISOMERISATION DE 6.BETA.-FLUOROSTEROIDES**  
[72] CAINELLI, GIANFRANCO, IT  
[72] UMANI-RONCHI, ACHILLE, IT  
[72] SANDRI, SERGIO, IT  
[72] CONTENTO, MICHELE, IT  
[72] DA COL, MARCO (DECEASED), IT  
[71] FARMABIOS S.P.A., IT  
[85] 2004-09-28  
[86] 2003-03-31 (PCT/EP2003/003328)  
[87] 2003-10-09 (WO2003/082896)  
[30] IT (MI2002A000676) 2002-03-29

[21] **2,480,635**  
[13] A1

[51] **Int.Cl. 7C12N 9/12 7A61K 38/00 7A61K 39/00 7A61P 35/00 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **CANCER ASSOCIATED PROTEIN KINASES AND THEIR USES**  
[54] **PROTEINES KINASES ASSOCIEES AU CANCER ET LEURS UTILISATIONS**  
[72] DELANEY, ALLEN D., CA  
[71] QLT INC., CA  
[85] 2004-09-28  
[86] 2003-03-21 (PCT/CA2003/000409)  
[87] 2003-10-09 (WO2003/083096)  
[30] US (60/368,853) 2002-03-28

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[13] A1

[51] **Int.Cl. 7C09D 105/08 7D21J 1/08 7D06N 3/18 7D21H 19/34 7B65D 65/42 7D21H 19/82**  
[25] EN  
[54] **SUPPORT COVERED WITH A CHITOSAN-BASED COATING AND METHOD FOR THE PRODUCTION THEREOF**  
[54] **SUPPORT ENDUIT D'UNE COUCHE A BASE DE CHITOSANE ET PROCEDE DE FABRICATION**  
[72] ESPUCHE, ELIANE, FR  
[72] DESPOND, SEVERINE, FR  
[72] DOMARD, ALAIN, FR  
[72] CARTIER, NOEL, FR  
[71] AHLSTROM CORPORATION, FI  
[71] AHLSTROM RESEARCH AND SERVICES, FR  
[85] 2004-09-28  
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[25] EN  
[54] **METHOD OF OPERATING INTERNAL COMBUSTION ENGINE BY INTRODUCING DETERGENT INTO COMBUSTION CHAMBER**  
[54] **PROCEDE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE CONSISTANT A INTRODUIRE UN DETERGENT DANS UNE CHAMBRE DE COMBUSTION**  
[72] MACKNEY, DEREK W., GB  
[72] DUNCAN, DAVID A., US  
[72] CALDER, RAYMOND M., GB  
[72] MACDUFF, MALCOLM G. J., GB  
[72] DALY, DANIEL T., US  
[72] BARBOUR, ROBERT H., GB  
[72] JACKSON, MITCHELL M., US  
[72] DOGLIO, JAMES A., US  
[72] LAMB, GORDON D., GB  
[72] ARTERS, DAVID C., GB  
[71] THE LUBRIZOL CORPORATION, US  
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[51] **Int.Cl. 7G07B 15/02 7G07F 9/02 7G07F 17/24**  
[25] EN  
[54] **CUSTOMISED GOODS AND SERVICES DELIVERY METHOD**  
[54] **PROCEDE PERSONNALISE DE DELIVRANCE DE BIENS OU SERVICES**  
[72] HAUSEN, AXEL, DE  
[72] MOUGIN, THIERRY, FR  
[71] SCHLUMBERGER SYSTEMES, FR  
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[25] EN  
[54] **DICHROIC MIRROR AND PROJECTION-TYPE DISPLAY UNIT**  
[54] **MIROIR DICHROIQUE ET UNITE D'AFFICHAGE DE TYPE PROJECTEUR**  
[72] SANNOHE, SHINYA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
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[51] **Int.Cl. 7H04M 1/00**  
[25] EN  
[54] **INTELLIGENT INTERFACE FOR ADAPTIVE ANTENNA ARRAY**  
[54] **INTERFACE INTELLIGENTE POUR RESEAU D'ANTENNES ADAPTATIVES**  
[72] PROCTOR, JAMES A., JR., US  
[72] NELSON, GEORGE R., JR., US  
[72] GORSUCH, THOMAS E., US  
[72] HOFFMANN, JOHN E., US  
[72] REGNIER, JOHN A., US  
[71] IPR LICENSING, INC., US  
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[54] **APPARATUS FOR GRINDING MATERIAL, SUCH AS SPICE OR GRAIN**  
[54] **APPAREIL PERMETTANT LA MOUTURE DE MATIERES, NOTAMMENT D'EPICES OU DE CEREALES**  
[72] RYDING, PETER A., US  
[72] HOLCOMB, DAVID A., US  
[72] GERMANY, JASON O., US  
[71] CHEF'N CORPORATION, US  
[85] 2004-09-29  
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[25] FR  
[54] **BLOC EN ACIER POUR LA FABRICATION DE MOULES D'INJECTION DE MATIERE PLASTIQUE OU POUR LA FABRICATION DE PIECES POUR LE TRAVAIL DES METAUX**  
[54] **BULK STEEL FOR THE PRODUCTION OF INJECTION MOULDS FOR PLASTIC MATERIAL OR FOR THE PRODUCTION OF PIECES FOR WORKING METALS**  
[72] BEGUINOT, JEAN, FR  
[71] INDUSTRIEL (FRANCE), FR  
[85] 2004-09-28  
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[54] **APPAREIL D'ISOLATION REGLABLE**  
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[71] GATHINGS, STEPHEN A. JR., US  
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[25] EN  
[54] **REVIVIFICATION DISPLAY METHOD FOR OUTLINE FONTS BASED ON STROKE CENTERLINES TECHNOLOGY**  
[54] **METHODE DE REVIVIFICATION D’AFFICHAGE POUR SOULIGNER LES POLICES DE CARACTÈRES BASE SUR LA TECHNOLOGIE DE LIGNE MEDIANE DE SEGMENT**  
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[72] SUN, HAIDONG, CN  
[71] ENMEDIA SYSTEM CORP., CN  
[85] 2004-09-28  
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[25] EN  
[54] **SHAPED FLOW DISTRIBUTION IN FILTRATION CASSETTES**  
[54] **DISTRIBUTION D’ECOULEMENT FORME DANS DES CARTOUCHES DE FILTRATION**  
[72] HERCZEG, ATTILA, US  
[71] AMERSHAM BIOSCIENCES MEMBRANE SEPARATIONS CORP., US  
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[54] **MEDICAL DEVICES ADAPTED FOR CONTROLLED IN VIVO STRUCTURAL CHANGE AFTER IMPLANTATION**  
[54] **DISPOSITIFS MEDICAUX ADAPTES AU CHANGEMENT STRUCTUREL IN VIVO CONTROLE APRES IMPLANTATION**  
[72] ROSENTHAL, ARTHUR L., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-09-29  
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[30] US (10/124,254) 2002-04-17

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[13] A1

[51] **Int.Cl. 7A61K 31/336 7A61K 9/00 7A61K 38/04**  
[25] EN  
[54] **TNP-470 POLYMER CONJUGATES AND USE THEREOF**  
[54] **CONJUGUES DE POLYMERES TNP-470 ET UTILISATION DE CEUX-CI**  
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[72] SATCHI-FAINARO, RONIT, US  
[71] CHILDREN’S MEDICAL CENTER CORPORATION, US  
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[13] A1

[51] **Int.Cl. 7A61K 47/00**  
[25] EN  
[54] **COMPOSITIONS COMPRISING DIETARY FAT COMPLEXER AND METHODS FOR THEIR USE**  
[54] **COMPOSITIONS COMPRENANT UN AGENT COMPLEXANT DE GRAISSE ALIMENTAIRE ET LEURS PROCEDES D’UTILISATION**  
[72] ARTISS, JOSEPH D., CA  
[72] JEN, CATHERINE, US  
[71] ART JEN COMPLEXUS, INC., CA  
[85] 2004-09-28  
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[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FAST CALL SETUP IN A MOBILE COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE PERMETTANT D’ETABLIR RAPIDEMENT DES COMMUNICATIONS DANS UN SYSTEME DE COMMUNICATIONS MOBILE**  
[72] JUNG, JUNG-SOO, KR  
[72] KIM, DAE-GYUN, KR  
[72] CHUN, KYONG-JOON, KR  
[72] LEE, HYEON-WOO, KR  
[72] BAE, BEOM-SIK, KR  
[71] SAMSUNG ELECTRIC CO., LTD., KR  
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[72] DOI, HIROFUMI, JP  
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[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
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[30] JP (2002-95291) 2002-03-29  
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[54] **PROCEDE DE MEULAGE DE**  
**CYLINDRES DE LAMINOIRS**  
[72] BONNER, ANNE M., US  
[72] MATSUMOTO, DEAN S., US  
[72] BRIGHT, ERIC, US  
[72] LAMBERT, EDWARD L., US  
[71] SAINT-GOBAIN ABRASIVES, INC.,  
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[85] 2004-09-28  
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[51] **Int.Cl. 7H02G 9/06 7H02G 1/08**  
[25] EN  
[54] **A SUB-DUCTING APPARATUS**  
[54] **APPAREIL DE POSE DE SOUS-**  
**CONDUIT**  
[72] MAYHEW, ANDREW JOHN, GB  
[72] MEDLEN, NICHOLAS JOHN, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2004-09-29  
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[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 15/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR**  
**DELIVERING BEHAVIOR**  
**MODIFICATION INFORMATION**  
**OVER A NETWORK**  
[54] **PROCEDE ET SYSTEME**  
**ASSURANT L'OBTENTION**  
**D'INFORMATIONS RELATIVE A LA**  
**MODIFICATION D'UN**  
**COMPORTEMENT SUR UN RESEAU**  
[72] BUKHIN, MICHAEL, US  
[72] COBB, NATHAN KNIGHT, US  
[72] GRAHAM, AMANDA LOUISE, US  
[72] CARTTER, CHRISTIAN T., US  
[72] ROSENBLUM, DAVID L., US  
[71] QUITNET.COM, INC., US  
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**31/44 7C07D 307/46**  
[25] EN  
[54] **4-(HETEROCYCLYL)-**  
**BENZENESULFOXIMINE**  
**COMPOUNDS FOR THE TREATMENT**  
**OF INFLAMMATION**  
[54] **COMPOSES HETEROCYCLIQUES,**  
**PROCEDE DE PREPARATION DE CES**  
**COMPOSES ET COMPOSITIONS**  
**PHARMACEUTIQUES LES**  
**CONTENANT, ET UTILISATIONS EN**  
**MEDECINE**  
[72] JAIN, MUKUL R., IN  
[72] LOHRAY, VIDYA BHUSHAN, IN  
[72] PATEL, GAUTAM D., IN  
[72] PINGALI, HARIKISHORE, IN  
[72] LOHRAY, BRAJ BHUSHAN, IN  
[71] CADILA HEALTHCARE LTD., IN  
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[86] 2003-04-01 (PCT/IN2003/000133)  
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[13] A1

[51] **Int.Cl. 7H04N 5/91 7G11B 20/10**  
[25] EN  
[54] **PICKED UP IMAGE RECORDING**  
**SYSTEM, SIGNAL RECORDING**  
**DEVICE, AND SIGNAL RECORDING**  
**METHOD**  
[54] **SYSTEME D'ENREGISTREMENT**  
**D'IMAGE CAPTEE, DISPOSITIF**  
**D'ENREGISTREMENT DE SIGNAL ET**  
**PROCEDE D'ENREGISTREMENT DE**  
**SIGNAL**  
[72] KATO, TOMOKIYO, JP  
[72] KITA, MIKIO, JP  
[72] URATA, KAORU, JP  
[72] UEDA, YOSHIHITO, JP  
[72] HOSHINO, HIROMI, JP  
[71] SONY CORPORATION, JP  
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[13] A1

[51] **Int.Cl. 7F16C 17/02 7F16C 33/20**  
**7B24B 5/22**  
[25] EN  
[54] **SHAFT FOR DYNAMIC BEARING,**  
**DYNAMIC BEARING, AND METHOD**  
**FOR PRODUCING THE SHAFT**  
[54] **ARBRE POUR PALIER**  
**DYNAMIQUE, PALIER DYNAMIQUE,**  
**ET PROCEDE DE FABRICATION DE**  
**L'ARBRE**  
[72] FURUTA, EIJIRO, JP  
[72] MASUDA, MICHIIYA, JP  
[72] KAYAMA, KENJI, JP  
[71] NHK SPRING CO., LTD., JP  
[85] 2004-09-28  
[86] 2004-02-04 (PCT/JP2004/001130)  
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[13] A1

[51] **Int.Cl. 7H04M 1/725**  
[25] EN  
[54] **APPARATUS, METHOD, MEDIA**  
**AND SIGNALS FOR CONTROLLING A**  
**WIRELESS COMMUNICATION**  
**APPLIANCE**  
[54] **APPAREIL, PROCEDE, SUPPORTS**  
**ET SIGNAUX PERMETTANT DE**  
**COMMANDER UN DISPOSITIF DE**  
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[72] BECKER, CHRISTOPHER HENRY,  
CA  
[72] MAH, MAE JENNIFER, CA  
[72] BLEILE, LEONARD GEORGE, CA  
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[85] 2004-09-30  
[86] 2002-10-15 (PCT/CA2002/001537)  
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[30] US (10/114,485 (CIP)) 2002-04-03

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[51] **Int.Cl. 7A01N 37/52 7A01N 55/10 7A01N 43/653**  
[25] EN  
[54] **FUNGICIDAL MIXTURES BASED ON BENZAMIDOXIME DERIVATIVES AND AZOLES**  
[54] **MELANGES FONGICIDES A BASE DE DERIVES DE BENZAMIDOXIME ET D'AZOLES**  
[72] SCHELBERGER, KLAUS, DE  
[72] SCHERER, MARIA, DE  
[72] HADEN, EGON, DE  
[72] STIERL, REINHARD, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] LORENZ, GISELA, DE  
[72] AMMERMANN, EBERHARD, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/084330)  
[30] DE (102 15 145.8) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7B41F 31/30 7B41F 31/26**  
[25] EN  
[54] **INKING OR DAMPENING UNIT FOR A ROTATING PRINTING PRESS**  
[54] **DISPOSITIF D'ENCRAGE OU DE MOUILLAGE D'UNE PRESSE ROTATIVE**  
[72] BACHMEIR, XAVER, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/084754)  
[30] DE (102 15 422.8) 2002-04-08

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[13] A1  
[51] **Int.Cl. 7A47D 7/02 7A47D 9/00**  
[25] EN  
[54] **COMBINATION BASSINET, CHANGING TABLE AND BEDSIDE SLEEPER**  
[54] **ENSEMBLE LIT DE BEBE, TABLE DE CHANGEMENT, ET CHEVET DE LIT**  
[72] WALDMAN, KENNETH, US  
[71] SIMPLICITY, INC., US  
[85] 2004-09-28  
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[30] US (10/103,580) 2002-03-21

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[13] A1  
[51] **Int.Cl. 7A23K 1/165 7A23K 1/16 7A23K 1/18**  
[25] EN  
[54] **METHOD AND DIETARY COMPOSITION FOR IMPROVING FAT DIGESTIBILITY**  
[54] **PROCEDE ET COMPOSITION DIETETIQUES POUR AMELIORER LA DIGESTIBILITE DES GRAISSES**  
[72] PATIL, AVINASH, US  
[72] PEREZ-CAMARGO, GERARDO, US  
[72] CUPP, CAROLYN JEAN, US  
[72] MALNOE, ARMAND, CH  
[71] NESTEC S.A., CH  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/084343)  
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[51] **Int.Cl. 7A23K 1/165 7A23K 1/16 7A23K 1/18**  
[25] EN  
[54] **METHOD OF IMPROVING ABSORPTION OF VITAMINE BY A PET ANIMAL**  
[54] **PROCEDE VISANT A AMELIORER L'ABSORPTION DE VITAMINE E PAR UN ANIMAL DE COMPAGNIE**  
[72] PEREZ-CAMARGO, GERARDO, US  
[72] CUPP, CAROLYN JEAN, US  
[72] PATIL, AVINASH, US  
[72] MALNOE, ARMAND, CH  
[71] NESTEC S.A., CH  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/084344)  
[30] EP (02076346.2) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7H04Q 9/00**  
[25] EN  
[54] **WIRELESS REMOTE-CONTROL SYSTEM AND METHOD FOR OPERATING SAID SYSTEM**  
[54] **SYSTEME DE TELECOMMANDE CENTRALISEE PAR RADIO ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE CE TYPE**  
[72] SBICK, BERNHARD, DE  
[72] EIBL, MARTIN, DE  
[72] BICKER, ROLAND, DE  
[72] WIENOLD, HEINRICH, DE  
[71] EFR EUROPAISCHE FUNK-RUNDSTEUERUNG GMBH, DE  
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[87] 2003-10-09 (WO2003/084278)  
[30] DE (102 14 146.0) 2002-03-28

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[13] A1  
[51] **Int.Cl. 7C09D 167/06 7C08G 63/00**  
[25] EN  
[54] **LOW VOLATILE ORGANIC COMPOUND, LOW TACK GEL COAT RESIN**  
[54] **RESINE D'ENDUIT EN GEL FAIBLEMENT POISSEUSE A BASE DE COMPOSE ORGANIQUE FAIBLEMENT VOLATIL**  
[72] HSU, CHIH-PIN G., US  
[72] PEZRON, ERWOAN, FR  
[72] CRUMP, SCOTT LARRY, US  
[72] ZHAO, MING-YANG, US  
[71] COOK COMPOSITES AND POLYMERS COMPANY, US  
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[30] US (10/118,270) 2002-04-08

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[54] **DRIVER CIRCUIT EMPLOYING HIGH-SPEED TRI-STATE FOR AUTOMATIC TEST EQUIPMENT UTILISANT DES SORTIES TROIS ETATS GRANDE VITESSE POUR UN EQUIPEMENT D'ESSAI AUTOMATIQUE**  
[72] DAVIS, RICHARD P., US  
[72] GOHEL, TUSHER K., US  
[71] TERADYNE, INC., US  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/085409)  
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[21] **2,480,714**  
[13] A1  
[51] **Int.Cl. 7G01N 1/10**  
[25] EN  
[54] **SIDESTREAM GAS SAMPLING SYSTEM WITH DETACHABLE SAMPLE CELL**  
[54] **SYSTEME D'ECHANTILLONNAGE DE GAZ A DEVIATION DOTE D'UNE CELLULE D'ECHANTILLON DETACHABLE**  
[72] PIERRY, ANTHONY T., US  
[72] FUDGE, BRIAN M., US  
[72] SANDOR, JOHN L., US  
[72] RICH, DAVID R., US  
[72] TRIUNFO, JOHN A., JR., US  
[71] RIC INVESTMENTS, INC., US  
[85] 2004-09-28  
[86] 2003-03-20 (PCT/US2003/008527)  
[87] 2003-10-16 (WO2003/085380)  
[30] US (60/370,002) 2002-04-04  
[30] US (10/384,329) 2003-03-07

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[51] **Int.Cl. 7B04B 1/20**  
[25] EN  
[54] **A DECANTER CENTRIFUGE**  
[54] **CENTRIFUGEUSE DE DECANTATION**  
[72] DIRCKS, KLAUS, DK  
[72] MADSEN, BENT, DK  
[71] ALFA LAVAL COPENHAGEN A/S, DK  
[85] 2004-09-28  
[86] 2003-04-09 (PCT/DK2003/000235)  
[87] 2003-10-30 (WO2003/089146)  
[30] DK (PA 2002 00598) 2002-04-22

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[21] **2,480,716**  
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[51] **Int.Cl. 7G07C 9/00**  
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[54] **ELECTRONIC KEY SYSTEM AND METHOD**  
[54] **SYSTEME A CLE ELECTRONIQUE ET PROCEDE CORRESPONDANT**  
[72] WARING, GERRY, GB  
[72] MATTIS, DAVID, US  
[72] STIFLE, BILL, US  
[71] DATAKEY ELECTRONICS, INC., US  
[85] 2004-09-28  
[86] 2003-03-24 (PCT/US2003/008980)  
[87] 2003-10-16 (WO2003/085607)  
[30] US (10/112,989) 2002-03-29

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[21] **2,480,718**  
[13] A1  
[51] **Int.Cl. 7B60N 2/20**  
[25] EN  
[54] **DUAL-CAM SEAT-HINGE ASSEMBLY**  
[54] **ENSEMBLE CHARNIERE DE SIEGE A DEUX CAMES**  
[72] BERG, ALAN D., US  
[72] CARLSON, CRAIG, US  
[72] ROBINSON, DAVID L., US  
[72] POSPESHIL, JAMES V., US  
[71] FISHER DYNAMICS CORPORATION, US  
[85] 2004-09-28  
[86] 2003-03-24 (PCT/US2003/008982)  
[87] 2003-10-16 (WO2003/084778)  
[30] US (10/114,415) 2002-04-02

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[21] **2,480,719**  
[13] A1  
[51] **Int.Cl. 7E21B 49/08 7G01N 1/20**  
[25] EN  
[54] **APPARATUS FOR SAMPLING DRILL HOLE CUTTINGS**  
[54] **APPAREIL D'ECHANTILLONNAGE DE DEBLAIS DE FORAGE**  
[72] WILLIAMS, SCOTT R., US  
[71] HARRISON R. COOPER SYSTEMS, INC., US  
[85] 2004-09-28  
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[87] 2003-10-09 (WO2003/083249)  
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[13] A1  
[51] **Int.Cl. 7B60N 2/20**  
[25] EN  
[54] **FOLD-FLAT SEAT HINGE ASSEMBLY**  
[54] **ENSEMBLE D'ARTICULATION POUR SIEGE RABATTABLE**  
[72] POSPESHIL, JAMES V., US  
[72] BERG, ALAN D., US  
[72] ROBINSON, DAVID L., US  
[72] CARLSON, CRAIG, US  
[71] FISHER DYNAMICS CORPORATION, US  
[85] 2004-09-28  
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[87] 2003-10-16 (WO2003/084779)  
[30] US (10/114,434) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7F17C 1/00**  
[25] EN  
[54] **PRESSURISED CONTAINER FOR STORING GASEOUS MEDIA UNDER PRESSURE**  
[54] **RESERVOIR SOUS PRESSION CONCU POUR STOCKER DES SUBSTANCES GAZEUSES SOUS PRESSION**  
[72] REEPMAYER, OSKAR, DE  
[72] HILLENBRAND, HANS-GEORG, DE  
[72] JUNKER, GERD, DE  
[72] MAREWSKI, ULRICH, DE  
[72] GRIMPE, FABIAN, DE  
[72] LIESSEM, ANDREAS, DE  
[72] FISCHER, HANS-JUERGEN, DE  
[72] KNAUF, GERHARD, DE  
[72] ERDELEN-PEPPLER, MARION, DE  
[71] MANNESMANNROHREN-WERKE AG, DE  
[85] 2004-09-28  
[86] 2003-04-09 (PCT/DE2003/001223)  
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[30] DE (102 18 941.2) 2002-04-19  
[30] DE (103 13 146.9) 2003-03-17

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[13] A1  
[51] **Int.Cl. 7H01R 13/11**  
[25] EN  
[54] **ELECTRICAL TERMINAL FOR SURGE PROTECTION CARTRIDGE**  
[54] **BORNE ELECTRIQUE POUR CARTOUCHE DE PROTECTION CONTRE LES SURTENSIONS**  
[72] HOEFT, DANIEL, US  
[72] LEE, JANE, US  
[72] MCGOVERN, ALBERT, US  
[72] BAUM, THOMAS, US  
[71] MARCONI INTELLECTUAL PROPERTY (RINGFENCE) INC., US  
[85] 2004-09-28  
[86] 2003-03-26 (PCT/US2003/009249)  
[87] 2003-10-16 (WO2003/085784)  
[30] US (10/114,138) 2002-04-02

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[21] **2,480,724**  
[13] A1  
[51] **Int.Cl. 7C12N 9/10 7C12N 15/67**  
[25] EN  
[54] **EXPRESSION OF PHOSPHOLIPID:DIACYLGLYCERINE ACYLTRANSFERASE (PDAT) FOR THE PRODUCTION OF PLANT STORAGE LIPIDS WITH POLYUNSATURATED FATTY ACIDS**  
[54] **EXPRESSION DE LA PHOSPHOLIPIDE : DIACYLGLYCEROL-ACYLTRANSFERASE (PDAT) POUR LA PRODUCTION DE LIPIDES DE STOCKAGE VEGETAUX CONTENANT DES ACIDES GRAS POLYINSATURES**  
[72] LENMAN, MARIT, SE  
[72] STYMNE, STEN, SE  
[72] STAHL, ULF, SE  
[72] DAHLQVIST, ANDERS, SE  
[72] WIBERG, EVA, SE  
[72] BANAS, ANTONI, SE  
[72] CARLSSON, ANDERS, SE  
[71] BASF PLANT SCIENCE GMBH, DE  
[85] 2004-09-28  
[86] 2003-03-21 (PCT/EP2003/002955)  
[87] 2003-10-09 (WO2003/083100)  
[30] DE (102 14 410.9) 2002-03-30

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[13] A1  
[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12N 5/14 7C12N 15/60 7C12N 9/88**  
[25] EN  
[54] **GENES ENCODING ACETOLACTATE SYNTHASE**  
[54] **GENES CODANT L'ACETOLACTASE SYNTHASE**  
[72] KAKU, KOICHIRO, JP  
[72] FUKUDA, ATSUNORI, JP  
[72] SHIMIZU, TSUTOMU, JP  
[72] TANAKA, YOSHIYUKI, JP  
[72] KAWAI, KIYOSHI, JP  
[72] NAGAYAMA, KOZO, JP  
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP  
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP  
[85] 2004-09-28  
[86] 2003-02-21 (PCT/JP2003/001917)  
[87] 2003-10-09 (WO2003/083118)  
[30] JP (2002/95721) 2002-03-29

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[13] A1  
[51] **Int.Cl. 7C12M 1/34**  
[25] EN  
[54] **MICROFLUIDIC PARTICLE-ANALYSIS SYSTEMS**  
[54] **SYSTEMES D'ANALYSE DE PARTICULES MICROFLUIDIQUES**  
[72] MANGER, IAN D., US  
[72] THRONSET, WILLIAM, US  
[72] NASSEF, HANY RAMEZ, US  
[72] NORTON, PIERCE, US  
[72] FARRELL, KEVIN, US  
[72] FOWLER, BRIAN, US  
[72] HAO, CUNSHENG (CASEY), US  
[72] LIAU, YISH-HANN, US  
[72] JAVADI, SHERVIN, US  
[72] DARIDON, ANTOINE, US  
[72] CHOU, HOU-PU, US  
[71] FLUIDIGM CORPORATION, US  
[85] 2004-09-29  
[86] 2003-04-01 (PCT/US2003/009997)  
[87] 2003-10-16 (WO2003/085379)  
[30] US (60/369,538) 2002-04-01  
[30] US (60/378,464) 2002-05-06  
[30] US (10/405,092) 2003-03-31

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[21] **2,480,730**  
[13] A1  
[51] **Int.Cl. 7H02P 21/00 7H02P 6/14 7H02P 6/18**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING A PERMANENT MAGNET ELECTRIC MOTOR**  
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN MOTEUR ELECTRIQUE A AIMANTS PERMANENTS**  
[72] LIN, HUAI, CA  
[71] TURBOCOR INC., CA  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/CA2003/000486)  
[87] 2003-10-09 (WO2003/084049)  
[30] CA (2,379,732) 2002-04-02

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[21] **2,480,735**  
[13] A1  
[51] **Int.Cl. 7E21B 19/16**  
[25] EN  
[54] **JAW ASSEMBLY FOR GRIPPING PIPES**  
[54] **ENSEMBLE MACHOIRE POUR PREHENSION DE CONDUITS**  
[72] BASLER, HERMANN, CA  
[72] SZALACSI, LESLIE L., CA  
[72] FRASER, JONATHAN BRENT, CA  
[72] DAGENAIS, DAN, CA  
[71] MCCOY BROS. INC., CA  
[85] 2004-10-05  
[86] 2003-05-01 (PCT/CA2003/000615)  
[87] 2003-11-13 (WO2003/093632)  
[30] US (10/135,384) 2002-05-01

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[21] **2,480,736**  
[13] A1  
[51] **Int.Cl. 7B01J 21/06**  
[25] EN  
[54] **METHOD FOR PREPARING MESOPOROUS TIO2 THIN FILMS WITH HIGH PHOTOCATALYTIC AND ANTIBACTERIAL ACTIVITIES**  
[54] **PROCEDE POUR L'ELABORATION DE FILMS MINCES DE TIO2 MESOPOREUX A FORTE ACTIVITE PHOTOCATALYTIQUE ET ANTIBACTERIENNE**  
[72] YU, CHAI-MEI JIMMY, CN  
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN  
[85] 2004-09-28  
[86] 2003-04-30 (PCT/CN2003/000319)  
[87] 2003-11-13 (WO2003/092886)  
[30] CN (02119304.5) 2002-04-30

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[13] A1

[51] **Int.Cl. 7C23C 14/10**  
[25] EN  
[54] **METHOD FOR COATING METAL SURFACES AND SUBSTRATE HAVING A COATED METAL SURFACE**  
[54] **PROCEDE POUR REVETIR DES SURFACES METALLIQUES ET SUBSTRAT A SURFACE METALLIQUE REVETUE**  
[72] LEIB, JUERGEN, DE  
[72] MUND, DIETRICH, DE  
[71] SCHOTT AG, DE  
[85] 2004-09-28  
[86] 2003-04-15 (PCT/EP2003/003872)  
[87] 2003-10-23 (WO2003/087423)  
[30] DE (202 05 830.1) 2002-04-15  
[30] DE (102 22 958.9) 2002-05-23  
[30] DE (102 22 964.3) 2002-05-23  
[30] DE (102 22 609.1) 2002-05-23  
[30] DE (102 52 787.3) 2002-11-13  
[30] DE (103 01 559.0) 2003-01-16

[21] **2,480,739**  
[13] A1

[51] **Int.Cl. 7G01N 21/55 7G01N 21/35**  
[25] EN  
[54] **INFRARED MEASURING DEVICE, ESPECIALLY FOR THE SPECTROMETRY OF AQUEOUS SYSTEMS, PREFERABLY MULTIPLE COMPONENT SYSTEMS**  
[54] **DISPOSITIF DE MESURE A INFRAROUGE, CONCU EN PARTICULIER POUR LA SPECTROMETRIE DE SYSTEMES AQUEUX, DE PREFERENCE DE SYSTEMES A COMPOSANTS MULTIPLES**  
[72] ZSCHERP, CHRISTIAN, DE  
[72] KLEIN, OLIVER, DE  
[72] VON LILIENFELD-TOAL, HERMANN, DE  
[72] BARTH, ANDREAS, DE  
[72] VON PROLLIUS, HELLMUTH, DE  
[72] MAENTELE, WERNER, DE  
[72] OFFERMANNNS, HERIBERT, DE  
[72] VON GERMAR, FRITHJOF, DE  
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/EP2003/003496)  
[87] 2003-10-09 (WO2003/083458)  
[30] DE (102 14 780.9) 2002-04-03  
[30] DE (102 14 781.7) 2002-04-03

[21] **2,480,740**  
[13] A1

[51] **Int.Cl. 7B01D 46/52 7B01D 46/24**  
[25] EN  
[54] **FILTER ELEMENTS; AIR CLEANER; ASSEMBLY; AND, METHODS**  
[54] **ELEMENTS FILTRANTS, PURIFICATEUR D'AIR, ENSEMBLE, ET PROCEDES**  
[72] NELSON, DAVID W., US  
[72] BISHOP, WAYNE R. W., US  
[72] KRISKO, WILLIAM J., US  
[72] GIESEKE, STEVEN SCOTT, US  
[72] FINNERTY, CAROLYN J., US  
[71] DONALDSON COMPANY, INC., US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010258)  
[87] 2003-10-16 (WO2003/084641)  
[30] US (60/370,438) 2002-04-04  
[30] US (60/426,071) 2002-11-12  
[30] US (10/405,432) 2003-04-02

[21] **2,480,742**  
[13] A1

[51] **Int.Cl. 7A61K 31/5375 7C07D 413/02 7C07D 241/04 7C07D 265/30 7A61K 31/495**  
[25] EN  
[54] **TROPANE COMPOUNDS**  
[54] **COMPOSES DE TROPANE**  
[72] BLUNDELL, PAUL, US  
[72] MADRAS, BERTHA K., US  
[72] MELTZER, PETER C., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[71] ORGANIX, INC., US  
[85] 2004-09-28  
[86] 2003-03-27 (PCT/US2003/009432)  
[87] 2003-12-04 (WO2003/099783)  
[30] US (60/368,382) 2002-03-28  
[30] US (60/375,505) 2002-04-25

[21] **2,480,749**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RE-AUTHENTICATION IN IP MULTIMEDIA CORE NETWORK SYSTEM (IMS)**  
[54] **PROCEDE ET SYSTEME DE REAUTHENTICATION DANS UN SYSTEME DE RESEAU CENTRAL MULTIMEDIA IP (IMS)**  
[72] GABOR, BAIKO, HU  
[71] NOKIA CORPORATION, FI  
[85] 2004-09-28  
[86] 2003-03-20 (PCT/IB2003/001022)  
[87] 2003-10-09 (WO2003/084257)  
[30] US (60/367,717) 2002-03-28  
[30] US (10/307,420) 2002-12-02

[21] **2,480,753**  
[13] A1

[51] **Int.Cl. 7H04B 7/08 7H01Q 23/00 7H04B 1/40**  
[25] EN  
[54] **RADIO COMMUNICATE METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE COMMUNICATION RADIO**  
[72] SHOJI, YOZO, JP  
[72] HAMAGUCHI, KIYOSHI, JP  
[72] TSUJI, HIROYUKI, JP  
[72] OGAWA, HIROYO, JP  
[71] COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTI ON, JP  
[85] 2004-09-29  
[86] 2003-01-09 (PCT/JP2003/000116)  
[87] 2003-10-09 (WO2003/084093)  
[30] JP (2002-093871) 2002-03-29

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[21] **2,480,757**  
[13] A1

[51] **Int.Cl. 7H01M 8/02**  
[25] EN  
[54] **METAL SEPARATOR FOR FUEL CELL AND MANUFACTURING METHOD THEREOF**  
[54] **SEPARATEUR METALLIQUE POUR PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION DE CELUI-CI**  
[72] UTSUNOMIYA, MASAO, JP  
[72] OHTANI, TERUYUKI, JP  
[72] TSUJI, MAKOTO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
[85] 2004-09-28  
[86] 2003-03-07 (PCT/JP2003/002707)  
[87] 2003-10-09 (WO2003/083980)  
[30] JP (2002-094027) 2002-03-29

[21] **2,480,758**  
[13] A1

[51] **Int.Cl. 7A61K 31/4995 7C07D 487/08**  
[25] EN  
[54] **TYROSINE KINASE INHIBITORS**  
[54] **INHIBITEURS DE LA TYROSINE KINASE**  
[72] TROTTER, B. WESLEY, US  
[71] MERCK & CO., INC., US  
[85] 2004-09-30  
[86] 2003-04-08 (PCT/US2003/012457)  
[87] 2003-10-23 (WO2003/086315)  
[30] US (60/372,232) 2002-04-12

[21] **2,480,759**  
[13] A1

[51] **Int.Cl. 7A61K 31/407 7C07D 487/02 7C07D 209/56**  
[25] EN  
[54] **IMPROVED PRODRUGS OF CC-1065 ANALOGS**  
[54] **PROMEDICAMENTS AMELIORES D'ANALOGUES CC-1065**  
[72] ZHAO, ROBERT YONGXIN, US  
[72] CHARI, RAVI V.J., US  
[71] IMMUNOGEN, INC., US  
[85] 2004-09-29  
[86] 2003-03-20 (PCT/US2003/007282)  
[87] 2003-10-23 (WO2003/086318)  
[30] US (10/116,053) 2002-04-05

[21] **2,480,764**  
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 9/20 7A61K 9/48 7A61K 31/675**  
[25] EN  
[54] **NOVEL POLYMORPHS AND PSEUDOPOLYMORPHS OF RISEDRONATE SODIUM**  
[54] **NOUVEAUX POLYMORPHES ET PSEUDOPOLYMORPHES DE RISEDRONATE DE SODIUM**  
[72] ARONHIME, JUDITH, IL  
[72] LIDOR-HADAS, RAMI, IL  
[72] LIFSHITZ-LIRON, REVITAL, IL  
[72] KOVALEVSKI-ISHAI, ETI, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-10-04  
[86] 2003-01-06 (PCT/US2003/000345)  
[87] 2003-10-23 (WO2003/086355)  
[30] US (60/372,465) 2002-04-11  
[30] US (60/404,174) 2002-08-16  
[30] US (60/405,668) 2002-08-22

[21] **2,480,765**  
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A23K 1/18 7A23L 1/305**  
[25] EN  
[54] **ANIMAL COMPOSITION**  
[54] **COMPOSITION POUR ANIMAUX**  
[72] FONE, JANEL, GB  
[71] MARS UK LIMITED, GB  
[85] 2004-09-29  
[86] 2003-04-04 (PCT/GB2003/001481)  
[87] 2003-10-23 (WO2003/086098)  
[30] GB (0207830.1) 2002-04-04

[21] **2,480,766**  
[13] A1

[51] **Int.Cl. 7B65D 83/04**  
[25] EN  
[54] **EFFERVESCENT TABLET DISPENSER**  
[54] **DISTRIBUTEUR DE COMPRIMES EFFERVESCENTS**  
[72] BRENNER, ANDREAS, CH  
[71] CREATECHNIC AG, CH  
[85] 2004-09-29  
[86] 2003-04-15 (PCT/CH2003/000256)  
[87] 2003-10-23 (WO2003/086901)  
[30] CH (647/02) 2002-04-17

[21] **2,480,767**  
[13] A1

[51] **Int.Cl. 7B65D 83/14**  
[25] EN  
[54] **SELF-METERING DISPENSING DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION A DOSAGE AUTOMATIQUE**  
[72] SCHILLER, STEVEN E., US  
[71] JOHNSON DIVERSEY, INC., US  
[85] 2004-09-29  
[86] 2003-02-27 (PCT/US2003/005896)  
[87] 2003-10-23 (WO2003/086902)  
[30] US (10/117,405) 2002-04-05

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[13] A1

[51] **Int.Cl. 7C09K 3/14 7B24D 3/00 7B24D 3/04 7B24D 3/14**  
[25] EN  
[54] **ANTI-LOADING TREATMENTS**  
[54] **TRAITEMENTS ANTI-ENCRASSEMENT**  
[72] SWEL, GWO SHIN, US  
[72] YANG, WENLINAG PATRICK, US  
[72] WIJAYA, JONY, US  
[72] GAETA, ANTHONY C., US  
[71] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2004-09-29  
[86] 2003-04-04 (PCT/US2003/010606)  
[87] 2003-10-23 (WO2003/087256)  
[30] US (10/121,293) 2002-04-12

[21] **2,480,769**  
[13] A1

[51] **Int.Cl. 7B62B 3/14**  
[25] EN  
[54] **HAND-MOVEABLE TRANSPORT TROLLEY**  
[54] **CHARIOT DE TRANSPORT POUSSE MANUELLEMENT**  
[72] SCHMID, JOHANN, DE  
[71] WANZL METALLWARENFABRIK GMBH, DE  
[85] 2004-09-29  
[86] 2004-01-09 (PCT/DE2004/000016)  
[87] 2004-08-19 (WO2004/069626)  
[30] DE (103 04 962.2) 2003-02-06

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[13] A1

[51] **Int.Cl. 7A61B 8/14**  
[25] EN  
[54] **ELECTROMECHANICAL TRANSDUCER WITH ERGONOMIC SHAPE**  
[54] **TRANSDUCTEUR MEDICAL D'EFFICACITE ELEVEE AVEC FORME ERGONOMIQUE ET PROCEDE DE FABRICATION**  
[72] ISOLA, SCOTT, US  
[72] VOIC, DAN, US  
[72] MANNA, RONALD R., US  
[72] NOVAK, THEODORE A. D., US  
[72] DARIAN, ALEXANDER L., US  
[71] MISONIX INCORPORATED, US  
[85] 2004-10-04  
[86] 2003-04-01 (PCT/US2003/009586)  
[87] 2003-11-13 (WO2003/092793)  
[30] US (60/370,364) 2002-04-05

[21] **2,480,776**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7A61P 25/22 7A61K 31/4375**  
[25] EN  
[54] **METHODS OF PREPARATION OF THE 2-(7-CHLORO-1,8-NAPHTHYRIDINE-2YL)-3-(5-METHYL-2-OXO-HEXYL)-1-ISOINDOLINONE**  
[54] **PROCEDES DE PREPARATION DE 2-(7-CHLORO-1,8-NAPHTHYRIDINE-2YL)-3-(5-METHYL-2-OXO-HEXYL)-1-ISOINDOLINONE**  
[72] STUK, TIMOTHY LEE, US  
[72] JENNINGS, SANDRA MARIE, US  
[71] INDEVUS PHARMACEUTICALS, INC., US  
[85] 2004-09-29  
[86] 2003-03-17 (PCT/IB2003/001141)  
[87] 2003-10-09 (WO2003/082870)  
[30] US (60/368,609) 2002-03-29

[21] **2,480,780**  
[13] A1

[51] **Int.Cl. 7A61L 2/18 7B08B 9/00 7A61B 1/12 7A61L 2/26 7A61L 2/28**  
[25] EN  
[54] **AUTOMATED ENDOSCOPE REPROCESSOR**  
[54] **DISPOSITIF DE RETRAITEMENT AUTOMATISE POUR ENDOSCOPES**  
[72] TRACHY, MICHEL, CA  
[72] CANTIN, EUGENE, CA  
[72] ANGERS, CHRISTIAN, CA  
[72] KAISER, HERBERT J., US  
[72] NICOLE, MAXIME, CA  
[72] HALSTEAD, ERIC, CA  
[72] COULOMBE, SERGE, CA  
[71] STERIS INC., US  
[85] 2004-09-29  
[86] 2003-04-04 (PCT/US2003/010207)  
[87] 2003-10-16 (WO2003/084578)  
[30] US (10/115,847) 2002-04-04

[21] **2,480,774**  
[13] A1

[51] **Int.Cl. 7B32B 27/00 7C08L 23/00**  
[25] EN  
[54] **THERMOPLASTIC FILM BASED ON POLYPROPYLENE**  
[54] **FILM THERMOPLASTIQUE A BASE DE POLYPROPYLENE**  
[72] CLECKNER, MICHAEL D., US  
[72] KONG, DAN-CHENG, US  
[71] EXXONMOBIL OIL CORPORATION, US  
[85] 2004-09-28  
[86] 2003-04-01 (PCT/US2003/010152)  
[87] 2003-11-13 (WO2003/093004)  
[30] US (10/135,321) 2002-05-01  
[30] US (10/278,241) 2002-10-23

[21] **2,480,778**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7D06M 15/19**  
[25] EN  
[54] **FABRIC CARE COMPOSITION**  
[54] **COMPOSITION DE SOIN DE TOILE**  
[72] KHOSHDEL, EZAT, GB  
[72] COOPER, JAMES BERNARD, GB  
[72] REID, EUAN STUART, GB  
[72] RUTHERFORD, KEITH LESLIE, US  
[72] CARSWELL, ROBERT JOHN, GB  
[71] UNILEVER PLC, GB  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/EP2003/003322)  
[87] 2003-10-09 (WO2003/083029)  
[30] GB (0207742.8) 2002-04-03

[21] **2,480,782**  
[13] A1

[51] **Int.Cl. 7A61M 1/06**  
[25] EN  
[54] **BREASTPUMP WITH COMPLIANT FEATURE**  
[54] **POMPE POUR ALLAITEMENT A FONCTION ADAPTATIVE**  
[72] SILVER, BRIAN H., US  
[71] MEDELA HOLDING AG, CH  
[85] 2004-09-29  
[86] 2003-04-03 (PCT/US2003/010232)  
[87] 2003-10-16 (WO2003/084588)  
[30] US (10/116,190) 2002-04-04

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[13] A1

[51] **Int.Cl. 7A61K 9/24 7A61K 9/32 7A61K 9/36 7A61K 31/65**  
[25] EN  
[54] **AN IMPROVED MODIFIED RELEASE PREPARATION**  
[54] **PREPARATION A LIBERATION MODIFIEE AMELIOREE**  
[72] LEPORE, ANGELO, AU  
[72] HAYES, DAVID, AU  
[72] LUKAS, STEFAN, AU  
[72] QUINN, EUGENE ANTHONY, AU  
[71] F.H. FAULDING & CO. LIMITED, AU  
[85] 2004-09-29  
[86] 2003-04-11 (PCT/AU2003/000434)  
[87] 2003-10-23 (WO2003/086366)  
[30] AU (PS 1676) 2002-04-12

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[13] A1  
[51] **Int.Cl. 7C07H 21/04 7C12N 15/00 7C07H 21/02 7C12P 21/04 7C12P 21/06**  
[25] EN  
[54] **RECOMBINANT P. FALCIPARUM MEROZOITE PROTEIN-142 VACCINE**  
[54] **PROTEINE 142 DE MEROZOITE ANTI P. FALCIPARUM SERVANT DE VACCIN RECOMBINANT**  
[72] COHEN, JOE D., BE  
[72] DARKO, CHRISTIAN ASARE, US  
[72] ANGOV, EVELINA, US  
[72] LYON, JEFFERY A., US  
[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US  
[85] 2004-09-29  
[86] 2003-04-01 (PCT/US2003/010385)  
[87] 2003-10-16 (WO2003/084472)  
[30] US (60/369,741) 2002-04-01  
[30] US (60/379,688) 2002-05-09

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[13] A1  
[51] **Int.Cl. 7C23C 8/24 7C22C 27/04**  
[25] EN  
[54] **NITRIDED MO ALLOY WORKED MATERIAL HAVING HIGH CORROSION RESISTANCE, HIGH STRENGTH AND HIGH TOUGHNESS AND METHOD FOR PRODUCTION THEREOF**  
[54] **ALLIAGE DE MO NITRURE OUVRE**  
[72] TAKADA, JUN, JP  
[72] NAGAE, MASAHIRO, JP  
[72] NAKANISHI, MAKOTO, JP  
[72] TAKIDA, TOMOHIRO, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[71] A.L.M.T. CORP., JP  
[71] NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY, JP  
[85] 2004-09-29  
[86] 2003-03-27 (PCT/JP2003/003912)  
[87] 2003-10-09 (WO2003/083157)  
[30] JP (2002-98039) 2002-03-29

[21] **2,480,788**  
[13] A1  
[51] **Int.Cl. 7C07C 45/39 7C07F 1/00**  
[25] EN  
[54] **PROCESS FOR CONVERTING ALCOHOLS TO CARBONYL COMPOUNDS**  
[54] **PROCEDE POUR CONVERTIR DES ALCOOLS EN COMPOSES CARBONYLE**  
[72] BOULMAAZ, SOUAD, CH  
[72] GRUETZMACHER, HANSJOERG, CH  
[72] SCHOENBERG, HARTMUT, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2004-09-29  
[86] 2003-03-26 (PCT/EP2003/050079)  
[87] 2003-10-16 (WO2003/084911)  
[30] EP (02405269.8) 2002-04-05

[21] **2,480,790**  
[13] A1  
[51] **Int.Cl. 7A61K 38/00 7C12P 21/06**  
[25] EN  
[54] **TREATMENT OF LUNG DISORDER**  
[54] **TRAITEMENT DES TROUBLES PULMONAIRES**  
[72] TRABER, LILLIAN D., US  
[72] ENKHBAATAR, PERENLEI, US  
[72] MURAKAMI, KAZUNORI, US  
[72] PROUGH, DONALD S., US  
[72] TRABER, DANIEL L., US  
[72] HERNDON, DAVID N., US  
[71] GTC BIOTHERAPEUTICS, INC., US  
[85] 2004-09-29  
[86] 2003-03-25 (PCT/US2003/009053)  
[87] 2003-10-16 (WO2003/084476)  
[30] US (60/368,997) 2002-04-01

[21] **2,480,791**  
[13] A1  
[51] **Int.Cl. 7G06F 9/44**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OBJECT ORIENTED INTERFACE CHECKING AND METHOD DISPATCHING**  
[54] **SYSTEME ET PROCEDE DE VERIFICATION D'INTERFACES ORIENTEES OBJET ET REPARTITION DE PROCEDES**  
[72] YACH, DAVID P., CA  
[72] SCIAN, ANTHONY F., CA  
[71] RESEARCH IN MOTION LTD., CA  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/CA2003/000453)  
[87] 2003-10-09 (WO2003/083653)  
[30] US (60/368,138) 2002-03-29

[21] **2,480,793**  
[13] A1  
[51] **Int.Cl. 7H01H 33/66**  
[25] EN  
[54] **CERMIC TUBE FOR VACUUM CIRCUIT BREAKER**  
[54] **TUBE CERAMIQUE POUR COUPE-CIRCUIT A VIDE**  
[72] HILDERINK, JOHANNES HERMANNUS LAURENTIUS ANTONIUS, NL  
[72] LEUSENKAMP, MARTIN BERNARDUS JOHANNES, NL  
[71] EATON ELECTRIC N.V., NL  
[85] 2004-09-28  
[86] 2003-04-09 (PCT/NL2003/000267)  
[87] 2003-10-23 (WO2003/088291)  
[30] NL (1020347) 2002-04-09

[21] **2,480,794**  
[13] A1  
[51] **Int.Cl. 7C23C 8/24 7C22C 27/04**  
[25] EN  
[54] **HIGH STRENGTH HIGH TOUGHNESS MO ALLOY WORKED MATERIAL AND METHOD FOR PRODUCTION THEREOF**  
[54] **ALLIAGE DE MO OUVRE A GRANDE RESISTANCE MECANIQUE ET FORTE TENACITE, ET SON PROCEDE DE PRODUCTION**  
[72] TAKIDA, TOMOHIRO, JP  
[72] HOSHIKA, TETSUSHI, JP  
[72] NAGAE, MASAHIRO, JP  
[72] TAKADA, JUN, JP  
[72] NAKANISHI, MAKOTO, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[71] A.L.M.T. CORP., JP  
[71] NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY, JP  
[85] 2004-09-29  
[86] 2003-03-27 (PCT/JP2003/003913)  
[87] 2003-10-09 (WO2003/083158)  
[30] JP (2002-98015) 2002-03-29

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[13] A1

[51] **Int.Cl. 7H01L 23/58**  
[25] EN  
[54] **METHOD FOR PRODUCING A COPY PROTECTION FOR AN ELECTRONIC CIRCUIT AND CORRESPONDING COMPONENT**  
[54] **PROCEDE DE PRODUCTION D'UN SYSTEME DE PROTECTION CONTRE LA COPIE POUR UN CIRCUIT ELECTRONIQUE**  
[72] MUND, DIETRICH, DE  
[72] LEIB, JUERGEN, DE  
[71] SCHÖTT AG, DE  
[85] 2004-09-28  
[86] 2003-04-15 (PCT/EP2003/003881)  
[87] 2003-10-23 (WO2003/088354)  
[30] DE (202 05 830.1) 2002-04-15  
[30] DE (102 22 958.9) 2002-05-23  
[30] DE (102 22 964.3) 2002-05-23  
[30] DE (102 22 609.1) 2002-05-23  
[30] DE (102 52 787.3) 2002-11-13  
[30] DE (103 01 559.0) 2003-01-16

[21] **2,480,798**  
[13] A1

[51] **Int.Cl. 7H04B 15/00 7H03G 5/00 7G01L 21/02**  
[25] EN  
[54] **FAST ESTIMATION OF WEAK BIO-SIGNALS USING NOVEL ALGORITHMS FOR GENERATING MULTIPLE ADDITIONAL DATA FRAMES**  
[54] **ESTIMATION RAPIDE DE SIGNAUX BIOLOGIQUES FAIBLES AU MOYEN DE NOUVEAUX ALGORITHMES DESTINES A PRODUIRE DES TRAMES DE DONNEES SUPPLEMENTAIRES MULTIPLES**  
[72] CAUSEVIC, ELДАР, US  
[72] CAUSEVIC, ELVIR, US  
[71] EVEREST BIOMEDICAL INSTRUMENTS COMPANY, US  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/US2003/009711)  
[87] 2003-11-06 (WO2003/090610)  
[30] US (10/113,425) 2002-03-29

[21] **2,480,799**  
[13] A1

[51] **Int.Cl. 7D06M 13/192 7C11D 3/02 7C11D 3/06 7D06M 15/19 7C11D 3/20 7D06M 13/207 7C11D 3/37**  
[25] EN  
[54] **FABRIC CARE COMPOSITION**  
[54] **COMPOSITION DE TRAITEMENT DE TISSUS**  
[72] CARSWELL, ROBERT JOHN, GB  
[72] COOPER, JAMES BERNARD, GB  
[71] UNILEVER PLC, GB  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/EP2003/003321)  
[87] 2003-10-09 (WO2003/083204)  
[30] GB (0207744.4) 2002-04-03

[21] **2,480,803**  
[13] A1

[51] **Int.Cl. 7H04B 1/707**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SELECTING SPREADING CODES BASED ON MULTIPATH DELAY PROFILE ESTIMATION FOR WIRELESS COMMUNICATIONS NETWORK**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE SELECTIONNER DES CODES D'ETALEMENT EN FONCTION D'UNE ESTIMATION DU PROFIL DU RETARD PAR PROPAGATION PAR TRAJETS MULTIPLES POUR DES EMETTEURS-RECEPTEURS SANS FIL DANS UN RESEAU DE COMMUNICATION**  
[72] STRUTT, GUENAEL, US  
[72] ALAPURANEN, PERTTI, US  
[71] MESHNETWORKS, INC., US  
[85] 2004-09-28  
[86] 2003-04-08 (PCT/US2003/010542)  
[87] 2003-10-23 (WO2003/088506)  
[30] US (10/117,179) 2002-04-08

[21] **2,480,804**  
[13] A1

[51] **Int.Cl. 7G02B 7/02 7G02B 21/06**  
[25] EN  
[54] **MAGNETIC OPTICAL ELEMENT HOLDER AND MICROSCOPE ASSEMBLY INCLUDING SAME**  
[54] **DISPOSITIF DE MAINTIEN MAGNETIQUE POUR ELEMENT OPTIQUE, ET ENSEMBLE MICROSCOPE POURVU D'UN TEL DISPOSITIF**  
[72] BONAVENTURA, RUSSELL, US  
[71] LEICA MICROSYSTEMS INC., US  
[85] 2004-09-29  
[86] 2003-08-20 (PCT/US2003/026225)  
[87] 2004-03-25 (WO2004/025329)  
[30] US (10/244,354) 2002-09-16

[21] **2,480,805**  
[13] A1

[51] **Int.Cl. 7F26B 13/10 7F26B 17/02**  
[25] EN  
[54] **DEVICE AND METHOD FOR COMPACTING A FIBER COMPOSITE**  
[54] **DISPOSITIF ET PROCEDE DE CONSOLIDATION D'UN COMPOSITE FIBRE**  
[72] SUSS, PAUL, CH  
[71] SOLIPAT AG, CH  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/EP2003/003218)  
[87] 2003-10-09 (WO2003/083394)  
[30] EP (02405255.7) 2002-04-02

[21] **2,480,808**  
[13] A1

[51] **Int.Cl. 7C22B 58/00**  
[25] EN  
[54] **PROCESS FOR RECOVERY OF GALLIUM**  
[54] **PROCEDE DE RECUPERATION DE GALLIUM**  
[72] RAO, PATCHA RAMACHANDRA, IN  
[72] CHATTORAJ, INDRANIL, IN  
[72] AGRAWAL, ARCHANA, IN  
[72] KUMAR, PUVVADA GEORGE VIJAY, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[85] 2004-09-28  
[86] 2002-03-28 (PCT/IN2002/000079)  
[87] 2003-10-09 (WO2003/083147)

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[13] A1  
[51] **Int.Cl. 7F01D 5/02 7A61C 1/05 7G01M 1/38**  
[25] EN  
[54] **METHOD FOR BALANCING THE ROTATING TURBINE ELEMENT OF A DENTAL HANDPIECE**  
[54] **TECHNIQUE D'EQUILIBRAGE D'ELEMENTS ROTATIFS DE TURBINE SUR UN INSTRUMENT DENTAIRE**  
[72] NOVAK, EUGENE J., US  
[72] HE, LU, US  
[71] DENTSPLY INTERNATIONAL, INC., US  
[85] 2004-09-28  
[86] 2003-03-28 (PCT/US2003/009583)  
[87] 2003-10-09 (WO2003/083266)  
[30] US (60/368,269) 2002-03-28

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[21] **2,480,812**  
[13] A1  
[51] **Int.Cl. 7A61M 5/178**  
[25] EN  
[54] **IMPROVED INTRAVENOUS CATHETER ASSEMBLY**  
[54] **ASSEMBLAGE DE CATHETER INTRAVEINEUX AMELIORE**  
[72] AMISAR, SHAI, IL  
[72] RADOMSKI, RONEN, IL  
[72] FROOM, PAUL, IL  
[71] FLEXICATH LTD., IL  
[85] 2004-09-29  
[86] 2003-03-27 (PCT/IL2003/000256)  
[87] 2003-10-16 (WO2003/084428)  
[30] IL (148994) 2002-04-04

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[21] **2,480,814**  
[13] A1  
[51] **Int.Cl. 7A61K 31/66 7A61K 31/59**  
[25] EN  
[54] **METHOD FOR INHIBITING BONE RESORPTION WITH AN ALENDRONATE AND VITAMIN D FORMULATION**  
[54] **PROCEDE D'INHIBITION DE RESORPTION OSSEUSE A L'AIDE D'UNE FORMULATION A BASE D'ALENDRONATE ET DE VITAMINE D**  
[72] DAIFOTIS, ANASTASIA G., US  
[72] MAZEL, SIDNEY, US  
[72] YATES, JOHN, US  
[71] MERCK & CO., INC., US  
[85] 2004-09-29  
[86] 2003-04-01 (PCT/US2003/009799)  
[87] 2003-10-23 (WO2003/086415)  
[30] US (60/370,529) 2002-04-05  
[30] US (60/370,501) 2002-04-05  
[30] US (60/370,336) 2002-04-05  
[30] US (60/398,434) 2002-07-25

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[21] **2,480,816**  
[13] A1  
[51] **Int.Cl. 7B60J 5/06**  
[25] EN  
[54] **POWERED SLIDING DEVICE FOR VEHICLE SIDING DOOR**  
[54] **DISPOSITIF DE COULISSAGE MOTORISE DESTINE A UNE PORTIERE LATERALE DE VEHICULE**  
[72] WAKATSUKI, SHOJI, JP  
[72] YOKOMORI, KAZUHIRO, JP  
[71] MITSUI KINZOKU KOGYO KABUSHIKI KAISHA, JP  
[85] 2004-09-29  
[86] 2003-03-31 (PCT/JP2003/004111)  
[87] 2003-10-23 (WO2003/086796)  
[30] JP (2002-097084) 2002-03-29

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[13] A1  
[51] **Int.Cl. 7A61K 7/13**  
[25] EN  
[54] **COMPOSITION FOR THE OXIDATION DYEING OF HUMAN KERATINOUS FIBRES**  
[54] **COMPOSITION DE COLORATION PAR OXYDATION POUR FIBRES DE KERATINE HUMAINE**  
[72] RONDEAU, CHRISTINE, FR  
[72] COTTARD, FRANCOIS, FR  
[71] L'OREAL, FR  
[85] 2004-09-29  
[86] 2003-04-11 (PCT/EP2003/004697)  
[87] 2003-10-16 (WO2003/084495)  
[30] FR (0204525) 2002-04-11  
[30] US (60/372,454) 2002-04-16

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[13] A1  
[51] **Int.Cl. 7A61K 31/565 7A61P 9/00 7A61P 13/02 7A61P 15/02 7A61P 3/06 7A61P 39/06 7A61P 9/10 7A61P 19/10 7A61P 15/12 7A61P 9/14 7A61P 25/28 7A61P 5/30 7A61K 31/566 7A61K 31/567 7A61K 31/575**  
[25] EN  
[54] **USE OF CONJUGATED ESTROGENS IN COMBINATION WITH TRIMEGESTONE IN HORMONE REPLACEMENT THERAPY**  
[54] **TRAITEMENT HORMONAL SUBSTITUTIF**  
[72] PICKAR, JAMES HARRISON, US  
[72] GRUBB, GARY SONDERMANN, US  
[72] CONSTANTINE, GINGER DALE, US  
[72] DEY, MICHAEL STEVEN, US  
[71] WYETH, US  
[85] 2004-09-30  
[86] 2003-04-02 (PCT/US2003/010092)  
[87] 2003-10-16 (WO2003/084521)  
[30] US (60/369,632) 2002-04-03

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[21] **2,480,820**  
[13] A1  
[51] **Int.Cl. 7C23C 14/00 7B05C 13/00 7B05C 21/00 7C23C 16/00 7B65H 1/00 7B05C 13/02 7B65G 1/133 7H01L 21/306 7C23C 14/32**  
[25] EN  
[54] **GRAVITY-FED IN-LINE CONTINUOUS PROCESSING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT CONTINU EN LIGNE A ALIMENTATION PAR GRAVITE**  
[72] PARENT, DONALD G., US  
[72] PLAISTED, DEAN, US  
[72] ASBAS, MICHAEL, US  
[71] D2 IN-LINE SOLUTIONS, LLC, US  
[85] 2004-09-29  
[86] 2003-03-27 (PCT/US2003/009357)  
[87] 2003-10-16 (WO2003/085156)  
[30] US (60/368,818) 2002-03-29

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[21] **2,480,822**  
[13] A1

[51] **Int.Cl. 7A01N 27/00**  
[25] EN  
[54] **FLOWERING STIMULANT COMPOSITION USING NITROBENZENE**  
[54] **COMPOSITION CONTENANT DU NITROBENZENE STIMULANT LA FLORAISON**  
[72] THEENACHANDRAN, RATHINASAMY, IN  
[71] DEVI PESTICIDES PRIVATE LIMITED, IN  
[71] THEENACHANDRAN, RATHINASAMY, IN  
[85] 2004-09-28  
[86] 2003-04-03 (PCT/IN2003/000138)  
[87] 2003-10-23 (WO2003/086049)  
[30] IN (263/MAS/2002) 2002-04-10  
[30] IN (480/MAS/2002) 2002-06-24

[21] **2,480,823**  
[13] A1

[51] **Int.Cl. 7F16K 25/00 7F16K 31/44**  
[25] EN  
[54] **ROTARY BARREL GATE VALVE**  
[54] **CLAPET OBTURATEUR A CYLINDRE ROTATIF**  
[72] ASBAS, MICHAEL, US  
[72] PLAISTED, DEAN, US  
[72] PARENT, DONALD G., US  
[71] D2 IN-LINE SOLUTIONS, LLC, US  
[85] 2004-09-29  
[86] 2003-03-27 (PCT/US2003/009311)  
[87] 2003-10-16 (WO2003/085301)  
[30] US (60/368,818) 2002-03-29

[21] **2,480,825**  
[13] A1

[51] **Int.Cl. 7D21H 17/69 7B41M 5/00 7D21H 19/38**  
[25] EN  
[54] **COMPOSITION FOR SURFACE TREATMENT OF PAPER**  
[54] **COMPOSITION POUR LE TRAITEMENT DE SURFACE DE PAPIER**  
[72] SUNDBERG, KENNETH, FI  
[72] MASON, GEOFF, GB  
[72] KIMPIMAEBKI, TOMI, FI  
[71] RAISIO CHEMICALS LTD., FI  
[85] 2004-09-29  
[86] 2003-03-19 (PCT/FI2003/000209)  
[87] 2003-09-25 (WO2003/078734)  
[30] FI (20020521) 2002-03-19

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[13] A1

[51] **Int.Cl. 7G01N 33/497 7B60K 28/06 7A61B 5/18**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DETERMINING A PERSON'S SOBRIETY**  
[54] **APPAREIL ET PROCEDE DE DETERMINATION DE LA SOBRIETE D'UNE PERSONNE**  
[72] GOLLAR, ED, US  
[71] OMEGAPOINT SYSTEMS, LLC, US  
[85] 2004-09-29  
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[87] 2003-09-25 (WO2003/079009)  
[30] US (10/097,460) 2002-03-14

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[13] A1

[51] **Int.Cl. 7F41A 21/30**  
[25] EN  
[54] **GUN MUFFLER SYSTEM FOR LARGE CALIBER GUN**  
[54] **SILENCIEUX DE CANON ET SYSTEME DE SUPPRESION DU BRUIT POUR ARME A GROS CALIBRE**  
[72] KAZYAKA, RAYMOND P., US  
[72] KAZYAKA, RAYMOND J., US  
[71] WRIGHT-MALTA CORPORATION, US  
[85] 2004-09-29  
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[87] 2003-10-16 (WO2003/085351)  
[30] US (10/116,287) 2002-04-04

[21] **2,480,830**  
[13] A1

[51] **Int.Cl. 7A61F 7/00**  
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[54] **PATIENT COMFORT APPARATUS AND SYSTEM**  
[54] **SYSTEME ET DISPOSITIF POUR RECHAUFFER UN PATIENT**  
[72] AUGUSTINE, SCOTT D., US  
[72] ANDERSON, THOMAS PETER, US  
[72] ARNOLD, RANDALL CHARLES, US  
[71] ARIZANT HEALTHCARE INC., US  
[85] 2004-09-29  
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[87] 2003-10-23 (WO2003/086500)  
[30] US (60/371,314) 2002-04-10

[21] **2,480,832**  
[13] A1

[51] **Int.Cl. 7C07D 235/00**  
[25] EN  
[54] **NITRIC OXIDE DONORS, COMPOSITIONS AND METHODS OF USE**  
[54] **DONNEURS DE MONOXYDE D'AZOTE, COMPOSITIONS ET PROCEDES D'UTILISATION, APPLICATIONS CORRESPONDANTES**  
[72] GASTON, RICKY D., US  
[72] WEY, SHIOW-JYI, US  
[72] LIN, CHIA-EN, US  
[72] RANATUNGA, RAMANI R., US  
[72] GARVEY, DAVID S., US  
[72] FANG, XINQIN, US  
[72] WANG, WEIHENG, US  
[72] RICHARDSON, STEWART K., US  
[72] WANG, TIANSHENG, US  
[71] NITROMED INC., US  
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[87] 2003-10-23 (WO2003/086282)  
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[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/538 7G01N 33/558 7G01N 33/58**  
[25] EN  
[54] **SENSITIVE IMMUNOCHROMATOGRAPHIC ASSAY**  
[54] **DOSAGE IMMUNOCHROMATOGRAPHIQUE SENSIBLE**  
[72] FONG, WHALLEY K., CA  
[71] RESPONSE BIOMEDICAL CORPORATION, CA  
[85] 2004-09-29  
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[54] **COMPOSITION DE REMPLACEMENT POUR UNE GREFFE OSSEUSE**  
[72] SMITH, TIMOTHY, US  
[72] COLE, JANTZEN, US  
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US  
[85] 2004-09-29  
[86] 2003-03-28 (PCT/US2003/009715)  
[87] 2003-10-09 (WO2003/082158)  
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[51] **Int.Cl. 7C08G 77/42 7C08F 261/04 7C08F 263/04**  
[25] EN  
[54] **ORGANOFUNCTIONAL SILICONE COPOLYMERS AND THE SAPONIFICATION PRODUCTS THEREOF**  
[54] **POLYMERES ORGANOSILICIES ET LEURS PRODUITS DE SAPONIFICATION**  
[72] STARK, KURT, DE  
[72] SINGER, ROBERT, DE  
[71] WACKER POLYMER SYSTEMS GMBH & CO. KG, DE  
[85] 2004-09-29  
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[87] 2003-10-16 (WO2003/085035)  
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[13] A1  
[51] **Int.Cl. 7A23C 9/152 7A23C 11/10 7A23L 1/304**  
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[54] **CALCIUM FORTIFIED BEVERAGES**  
[54] **BOISSONS ENRICHIES EN CALCIUM**  
[72] YANG, DAVID KEE, US  
[72] HEISEY, MATTHEW THOMAS, US  
[72] LUHADIYA, ASHOK PREM CHAND, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[51] **Int.Cl. 7C08L 53/00 7C08L 33/00**  
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[54] **POLYMER COMPOSITION AND USES THEREOF**  
[54] **COMPOSITION POLYMERE ET UTILISATIONS DE CELLE-CI**  
[72] KITANO, HAJIME, JP  
[72] MAEDA, MIZUHO, JP  
[72] SHACHI, KENJI, JP  
[72] HIGASHIDA, NOBORU, JP  
[72] WADA, KOICHI, JP  
[71] KURARAY CO., LTD., JP  
[85] 2004-09-29  
[86] 2003-04-21 (PCT/JP2003/005045)  
[87] 2003-11-06 (WO2003/091333)  
[30] JP (2002-123091) 2002-04-24  
[30] JP (2002-365765) 2002-12-17  
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[51] **Int.Cl. 7H04B 1/69 7G01S 13/28**  
[25] EN  
[54] **TRANSCEIVER DEVICE**  
[54] **DISPOSITIF EMETTEUR-RECEPTEUR**  
[72] HOLZ, RAINER, DE  
[72] KOSLAR, MANFRED, DE  
[72] IANELLI, ZBIGNIEW, DE  
[71] NANOTRON TECHNOLOGIES GMBH, DE  
[85] 2004-09-29  
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[30] DE (102 15 798.7) 2002-04-10  
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[51] **Int.Cl. 7H04L 1/00 7H04L 5/02 7H04L 27/26**  
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[54] **AN ADAPTIVE AIR INTERFACE WAVEFORM**  
[54] **SIGNAL HERTZIEN ADAPTATIF**  
[72] BEREZDIVIN, ROBERTO, US  
[72] BREINIG, ROBERT J., US  
[72] TOPP, ALLAN R., US  
[72] SEIDEL, SCOTT Y., US  
[71] RAYTHEON COMPANY, US  
[85] 2004-09-29  
[86] 2003-04-24 (PCT/US2003/013065)  
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[30] US (10/421,168) 2003-04-22

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[51] **Int.Cl. 7B81C 1/00 7C03B 19/02**  
[25] EN  
[54] **METHOD FOR PRODUCING A PRODUCT HAVING A STRUCTURED SURFACE**  
[54] **PROCEDE DE PRODUCTION D'UN ARTICLE A SURFACE STRUCTUREE**  
[72] BIECK, FLORIAN, DE  
[72] LEIB, JUERGEN, DE  
[72] MUND, DIETRICH, DE  
[71] SCHOTT AG, DE  
[85] 2004-09-29  
[86] 2003-04-15 (PCT/EP2003/003873)  
[87] 2003-10-23 (WO2003/086958)  
[30] DE (202 05 830.1) 2002-04-15  
[30] DE (102 22 958.9) 2002-05-23  
[30] DE (102 22 964.3) 2002-05-23  
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[30] DE (102 52 787.3) 2002-11-13  
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[51] **Int.Cl. 7C07C 233/05 7C07D 215/02 7C07D 235/02 7C07D 471/02 7C07D 495/02 7C07D 311/04 7C07D 401/04 7A61K 31/165 7A61K 31/34 7A61K 31/38 7A61K 31/415 7A61K 31/425 7A61K 31/44 7A61K 31/47 7C07D 277/62**  
[25] EN  
[54] **SUBSTITUTED ARYL AMIDES**  
[54] **ARYLAMIDES SUBSTITUTEE**  
[72] HAGMANN, WILLIAM K., US  
[72] SHAH, SHRENIK K., US  
[72] LIN, LINUS S., US  
[71] MERCK & CO., INC., US  
[85] 2004-09-29  
[86] 2003-04-01 (PCT/US2003/009800)  
[87] 2003-10-23 (WO2003/087037)  
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[13] A1  
[51] **Int.Cl. 7B05D 3/14**  
[25] EN  
[54] **PROCESS AND DEVICE FOR CURING A COATING**  
[54] **PROCEDE ET DISPOSITIF DE DURCISSEMENT D'UN REVETEMENT**  
[72] DITTRICH, KARL-HEINZ, DE  
[72] ORTLIEB, KONRAD, DE  
[72] WIELAND, DIETMAR, DE  
[72] ROTH, DIETMAR, DE  
[72] TOBISCH, WOLFGANG, DE  
[71] DUERR SYSTEMS GMBH, DE  
[85] 2004-09-29  
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[87] 2003-10-30 (WO2003/089155)  
[30] EP (02008255.8) 2002-04-19

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[13] A1  
[51] **Int.Cl. 7B28C 5/36 7B01F 13/00**  
[25] EN  
[54] **PROCESS AND EQUIPMENT FOR PRODUCING CONCRETE PRODUCTS HAVING BLENDED COLORS**  
[54] **PROCESSUS ET INSTALLATION DE PRODUCTION DE PRODUITS EN BETON A COULEURS MELANGEES**  
[72] BADER, JEFFREY C., US  
[72] BOLLES, GLENN CLARKE, US  
[72] BAILEY, PAUL W., US  
[72] LACROIX, DAVID MATTHEW, US  
[71] ANCHOR WALL SYSTEMS, INC., US  
[85] 2004-09-29  
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[87] 2003-10-30 (WO2003/089211)  
[30] US (10/127,861) 2002-04-22

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[13] A1  
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[25] EN  
[54] **ACID BENEFICIATION OF ORE**  
[54] **ENRICHISSEMENT PAR L'ACIDE D'UN MINERAL**  
[72] KIRIT, TALATI, GB  
[72] EARL, SMITH, US  
[72] ROBINSON, MICHAEL, GB  
[71] MILLENNIUM INORGANIC CHEMICALS INC., US  
[85] 2004-09-29  
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[87] 2003-10-30 (WO2003/089674)  
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[13] A1  
[51] **Int.Cl. 7G06F 1/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTING MALICIOUS CODE**  
[54] **SYSTEME ET PROCEDE DE DETECTION D'ANTIPROGRAMME**  
[72] MALIVANCHUK, TARAS, IL  
[72] CARMONA, ITSHAK, IL  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2004-09-29  
[86] 2003-04-10 (PCT/US2003/011246)  
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[30] US (60/372,283) 2002-04-13  
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[13] A1  
[51] **Int.Cl. 7B65D 81/34 7B65D 51/28 7A47J 36/28 7B65D 81/32**  
[25] EN  
[54] **AUTOTHERMIC PACKAGING**  
[54] **EMBALLAGE AUTOTHERMIQUE**  
[72] GENESCA ROMEU, ISIDRO, ES  
[71] GENESCA ROMEU, ISIDRO, ES  
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[51] **Int.Cl. 7A43B 11/00**  
[25] EN  
[54] **SHOE COMPRISING AUTOMATIC CLOSING SYSTEM**  
[54] **CHAUSSURE MUNIE D'UNE FERMETURE AUTOMATIQUE**  
[72] MECA MARTINEZ, ANTONIO, ES  
[72] RALUY, FRANCIS, ES  
[71] MECA MARTINEZ, ANTONIO, ES  
[71] RALUY, FRANCIS, ES  
[85] 2004-09-29  
[86] 2003-09-10 (PCT/ES2003/000456)  
[87] 2004-05-06 (WO2004/037032)  
[30] ES (U200202590) 2002-10-28

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[13] A1  
[51] **Int.Cl. 7G01N 27/416**  
[25] EN  
[54] **METHOD OF SIMULTANEOUS FRACTIONAL ANALYSIS OF PERACETIC ACID AND HYDROGEN PEROXIDE**  
[54] **PROCEDE D'ANALYSE FRACTIONNELLE SIMULTANEE D'ACIDE PERACETIQUE ET DE PEROXYDE D'HYDROGENE**  
[72] AWAD, MOHAMED ISMAIL, JP  
[72] OHSAKA, TAKEO, JP  
[72] HARNOOD, TSOGT, JP  
[71] RICOH KYOSAN INC., JP  
[71] THE CIRCLE FOR THE PROMOTION OF SCIENCE AND ENGINEERING, JP  
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[30] JP (2002-102110) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7A61B 17/08**  
[25] EN  
[54] **COMPOSITE MATERIAL FOR WOUND REPAIR**  
[54] **MATERIAU COMPOSITE FAVORISANT LA CICATRISATION D'UNE PLAIE**  
[72] BUTLER, CHARLES E., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/US2003/010289)  
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[13] A1  
[51] **Int.Cl. 7A61F 2/04 7A61F 2/06**  
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[54] **BODY LUMEN CLOSURE**  
[54] **FERMETURE DE LUMIERE CORPORELLE**  
[72] THORNTON, SALLY C., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-09-30  
[86] 2003-04-03 (PCT/US2003/010165)  
[87] 2003-10-16 (WO2003/084442)  
[30] US (10/115,552) 2002-04-03

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[13] A1

[51] **Int.Cl. 7A61M 39/28 7F16K 7/06**  
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[25] EN  
[54] **A VALVE ASSEMBLY AND METHOD FOR CONTROLLING FLUID FLOW THROUGH A TUBE**  
[54] **DISPOSITIF DE VANNE ET PROCEDE DE REGULATION DE L'ECOULEMENT D'UN FLUIDE A TRAVERS UN TUBE**  
[72] SCHMALTZ, RONALD ANTHONY, US  
[71] SCHMALTZ, RONALD ANTHONY, US  
[85] 2004-09-30  
[86] 2003-02-27 (PCT/US2003/005932)  
[87] 2003-10-16 (WO2003/084599)  
[30] US (10/116,571) 2002-04-03

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[13] A1

[51] **Int.Cl. 7B01J 19/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INCREASING PERFORMANCE OF ION WIND DEVICES**  
[54] **PROCEDE ET APPAREIL POUR AMELIORER LE RENDEMENT DE DISPOSITIFS A VENT IONIQUE**  
[72] LAU, SHEK FAI, US  
[72] TAYLOR, CHARLES E., US  
[72] LEE, JIM L., US  
[71] ZENION INDUSTRIES, INC., US  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/US2003/009977)  
[87] 2003-10-16 (WO2003/084658)  
[30] US (60/369,554) 2002-04-01

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[13] A1

[51] **Int.Cl. 7A61K 31/439 7A61P 35/00**  
**7C07D 221/22**  
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[54] **TYROSINE KINASE INHIBITORS**  
[54] **INHIBITEURS DE TYROSINES KINASES**  
[72] TROTTER, B. WESLEY, US  
[72] NGUYEN, DIEM N., US  
[72] WILLIAMS, THERESA M., US  
[72] GRAHAM, SAMUEL L., US  
[72] KIM, ANNETTE, US  
[72] DINSMORE, CHRISTOPHER J., US  
[72] STUMP, CRAIG A., US  
[71] MERCK & CO., INC., US  
[85] 2004-09-30  
[86] 2003-04-08 (PCT/US2003/010737)  
[87] 2003-10-23 (WO2003/086395)  
[30] US (60/372,644) 2002-04-12

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[13] A1

[51] **Int.Cl. 7A61K 31/66**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING WATER-SOLUBLE PRODRUGS OF PROPOFOL AND METHODS OF ADMINISTERING SAME**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES PROMEDICAMENTS HYDROSOLUBLES A BASE DE PROPOFOL ET PROCEDES D'ADMINISTRATION ASSOCIES**  
[72] WINGARD, PEGGY, US  
[72] BURAK, ERIC S., US  
[72] VORNOV, JAMES J., US  
[72] GIBIANSKI, EKATERINA, US  
[71] GUILFORD PHARMACEUTICALS, INC., US  
[85] 2004-09-30  
[86] 2003-04-08 (PCT/US2003/010540)  
[87] 2003-10-23 (WO2003/086413)  
[30] US (60/370,213) 2002-04-08  
[30] US (60/370,245) 2002-04-08

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[13] A1

[51] **Int.Cl. 7A61K 33/14 7A61P 9/12**  
[25] EN  
[54] **LOW-DOSE POTASSIUM SUPPLEMENTATION FOR THE PREVENTION AND TREATMENT OF HYPERTENSION**  
[54] **APPORT COMPLEMENTAIRE EN POTASSIUM A FAIBLE DOSE POUR LA PREVENTION ET LE TRAITEMENT DE L'HYPERTENSION**  
[72] BRASCHI, ALESSANDRO MARIA, GB  
[72] NAISMITH, DONALD JOHNSTONE, GB  
[71] BTG INTERNATIONAL LTD., GB  
[85] 2004-09-30  
[86] 2003-04-04 (PCT/GB2003/001512)  
[87] 2003-10-23 (WO2003/086423)  
[30] GB (0207939.0) 2002-04-05  
[30] EP (02252469.8) 2002-04-05

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[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **SURGICAL IMPLANT**  
[54] **IMPLANT CHIRURGICAL**  
[72] STOLL, THIERRY, CH  
[71] MATHYS MEDIZINALTECHNIK AG, CH  
[85] 2004-09-29  
[86] 2003-01-16 (PCT/CH2003/000020)  
[87] 2003-10-09 (WO2003/082160)  
[30] DE (202 05 016.5) 2002-03-30

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[13] A1

[51] **Int.Cl. 7B66C 13/08 7E02F 3/36**  
[25] EN  
[54] **ARRANGEMENT AT A ROTATOR**  
[54] **SYSTEME D'UN ROTATEUR**  
[72] HARR, JOAKIM, SE  
[71] INDEXATOR AB, SE  
[85] 2004-09-29  
[86] 2003-04-01 (PCT/SE2003/000522)  
[87] 2003-10-09 (WO2003/082725)  
[30] SE (0200994-2) 2002-04-02

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[13] A1

[51] **Int.Cl. 7B31C 13/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING CIGARETTE FILTERS WITH A CENTRALLY LOCATED FLAVORED ELEMENT**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE FILTRES DE CIGARETTE COMPRENANT UN ELEMENT AROMATISE AU CENTRE DE CEUX-CI**  
[72] BELLAMAH, STEPHEN J., US  
[72] CAMPBELL, STEVEN M., US  
[72] LANIER, ROBERT C., JR., US  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2004-09-29  
[86] 2003-03-31 (PCT/US2003/009648)  
[87] 2003-10-09 (WO2003/082558)  
[30] US (60/368,376) 2002-03-29  
[30] US (10/397,275) 2003-03-27

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[13] A1

[51] **Int.Cl. 7B65B 9/20**  
[25] EN  
[54] **TUBE PACK BAG MAKING**  
[54] **TUBE D'EMBALLAGE POUR**  
**FABRICATION DE SAC**  
[72] TUCKER, STEVEN KENNETH, US  
[72] KOHL, GARRETT WILLIAM, US  
[72] KNOERZER, ANTHONY ROBERT,  
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[72] GEHRING, JAY E., US  
[71] FRITO-LAY NORTH AMERICA, INC.,  
US  
[85] 2004-09-29  
[86] 2003-03-13 (PCT/US2003/007893)  
[87] 2003-10-23 (WO2003/086869)  
[30] US (10/117,400) 2002-04-05

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[13] A1

[51] **Int.Cl. 7C07D 233/54 7A61K 31/4164**  
[25] EN  
[54] **NEW ARYL IMIDAZOLES AND**  
**RELATED COMPOUNDS AS C5A**  
**RECEPTOR MODULATORS**  
[54] **ARYL IMIDAZOLES ET**  
**COMPOSES ASSOCIES,**  
**MODULATEURS DE RECEPTEUR C5A**  
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[72] THURKAUF, ANDREW, US  
[72] XIE, LINGHONG, US  
[72] HAN, BINGSONG, US  
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[72] MAYNARD, GEORGE, US  
[72] ZHANG, SUOMING, US  
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[72] NAGASAWA, MASAOKI, JP  
[72] NISHIOKA, HIROYASU, JP  
[72] ASAMI, KAZUYASU, JP  
[72] MIURA, NAOYOSHI, JP  
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[54] **ELIMINATION DE COLORATION**  
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[71] FIBER ENGINEERING, INC., US  
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[25] EN  
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**PLATINUM COATING CATALYST**  
**LAYER IN MOISTURE-GENERATING**  
**REACTOR**  
[54] **PROCEDE DE FORMATION D'UNE**  
**COUCHE CATALYSANTE DE**  
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**GENERANT DE L'HUMIDITE**  
[72] MINAMI, YUKIO, JP  
[72] KAWADA, KOJI, JP  
[72] KITANO, MASAFUMI, JP  
[72] MORIMOTO, AKIHIRO, JP  
[72] IKEDA, NOBUKAZU, JP  
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**REDUNDANCY**  
[54] **PROCEDE ET SYSTEME POUR**  
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[72] SUDHIR, KUNNATH, US  
[72] SHARMA, ABHISHEK, US  
[72] ALEX, ARUN, US  
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[72] HALL, GAVIN JOHN, GB  
[72] PIPER, CATHERINE JULIA, GB  
[72] SUTTON, PETER BERNARD, GB  
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[54] **SYSTEME ET PROCEDE DE PREPARATION A DES ENTRETIENS VIDEO EN LIGNE**  
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[54] **PROCEDE ET INSTALLATION D'ESTERIFICATION D'ACIDES GRAS**  
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[72] ERGUEN, NURHAN, AT  
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[72] LAVIN, MARTIN, AU  
[72] DE JERSEY, JOHN, AU  
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[54] **APPAREIL ET METHODE DE PRELEVEMENT DE CELLULES**  
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[54] **AMELIORATION DE LA SOLIDITE ET DE LA RESISTANCE A L'ABRASION DES MATIERES CELLULOSIQUES AYANT SUBI UN APPRET D'INFROISSABILITE PERMANENT**  
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[72] SALMON, SONYA, US  
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[54] **OUTIL COUPANT POUR DES CHEMISES DE CYLINDRE**  
[72] KAMPHUIS, DWAIN L., US  
[72] KNOWLES, THOMAS W. II, US  
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[54] **DISPOSITIF A MATRICE DE DECOUPE SOUPLE POUR LE DECOUPE DE COUCHES DE MATIERE DE PILES A COMBUSTIBLE**  
[72] BEHYMER, LANCE E., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[54] **LAMINATION APPARATUS AND METHODS**  
[54] **PROCEDE ET APPAREIL DE STRATIFICATION**  
[72] HIRSCH, DONALD I., US  
[72] RIPLEY, SCOTT A., US  
[72] BADER, WILLIAM F., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[25] EN  
[54] **METHOD AND APPARATUS FOR PEELING A THIN FILM FROM A LINER**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DECOLLER UN FILM MINCE D'UN REVETEMENT**  
[72] HIRSCH, DONALD I., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[54] **ETAGERE MODULAIRE PORTE A FAUX ET METHODE DE MONTAGE**  
[72] SALTER, BOBBY L., US  
[72] POTTER, MICHAEL D., US  
[72] KELLY, FRANCIS ALOYSIUS, US  
[72] WALTERS, PETER JOHN R. C., US  
[72] KESSEL, STEVEN M., US  
[72] MACHADO, PAUL J., CA  
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[54] **SHAMPOO CONTAINING A CATIONIC POLYMER AND ANTI-DANDRUFF PARTICLES**  
[54] **SHAMPOOING CONTENANT UN POLYMERE CATIONIQUE ET DES PARTICULES ANTIPELLICULAIRES**  
[72] WELLS, ROBERT LEE, US  
[72] ROYCE, DOUGLAS ALLAN, US  
[72] JOHNSON, ERIC SCOTT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[54] **PROCEDE ET SYSTEME DE SYNCHRONISATION DE COPIE D'ETALONNAGE EN TEMPS REEL**  
[72] RATTRAY, HAROLD L., US  
[72] REYNOLDS, TIMOTHY G., US  
[71] TECHNICOLOR, INC., US  
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[54] **AUTOMATED PICKING, WEIGHING AND SORTING SYSTEM FOR PARTICULATE MATTER**  
[54] **SYSTEME AUTOMATISE DE PRELEVEMENT, DE PESAGE ET DE TRIAGE D'UNE MATIERE PARTICULAIRE**  
[72] DEPPELMANN, KEVIN L., US  
[71] MONSANTO TECHNOLOGY LLC, US  
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[72] RIPLEY, SCOTT A., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[25] EN  
[54] **FIXTURE PALLET APPARATUS FOR AUTOMATED ASSEMBLY OF FUEL CELL MATERIAL LAYERS**  
[54] **APPAREIL A PALETTE DE MONTAGE POUR ENSEMBLE AUTOMATISE DE COUCHES DE MATERIAU D'UNE PILE A COMBUSTIBLE**  
[72] MLINAR, JOHN R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[54] **MODULATEURS DE RECEPTEUR DE PROGESTERONE NON STEROIDES**  
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[72] HERMKENS, PEDRO HAROLD HAN, NL  
[72] DOLS, PAUL PETER MARIE ANTONIUS, NL  
[72] REWINKEL, JOHANNES BERNARDUS MARIA, NL  
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[25] EN  
[54] **APPARATUS AND METHOD FOR SINGULATING POROUS FUEL CELL LAYERS USING ADHESIVE TAPE PICK HEAD**  
[54] **APPAREIL ET PROCEDE D'INDIVIDUALISATION DE COUCHES POREUSES PILES A COMBUSTIBLE A L'AIDE D'UNE TETE DE PRELEVEMENT DE RUBAN ADHESIF**  
[72] MLINAR, JOHN R., US  
[72] SCHUKAR, GARY W., US  
[72] EATON, WARREN D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[54] **INTEGRATED ELECTRONIC ARTICLE SURVEILLANCE (EAS) AND POINT OF SALE (POS) SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE ELECTRONIQUES DE SURVEILLANCE D'ARTICLES (EAS) ET DE POINT DE VENTE (PDV) INTEGRES**  
[72] CLARK, JOHN J., US  
[72] FALLIN, DAVID B., US  
[72] TRIBBEY, SCOTT A., US  
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[54] **DISPOSITIF DE RETENUE POUR PATTES ET PIEDS DE VOLAILLE**  
[72] VOLK, DANIEL J., US  
[71] VOLK ENTERPRISES, INC., US  
[85] 2004-09-30  
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[25] EN  
[54] **FORMING BOARD FOR PAPERMAKING MACHINE WITH ADJUSTABLE BLADES**  
[54] **MARBRE POUR MACHINE A PAPIER A COUTEAUX REGLABLES**  
[72] SHERRILL, GUY BRYAN, US  
[71] WEAVEXX CORPORATION, US  
[85] 2004-09-30  
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[54] **FLUIDES OLEAGINEUX VISQUEUX ET PROCEDES DE FORAGE ET DE D'ENTRETIEN DE PUIT**  
[72] DOBSON, JAMES W., JR., US  
[72] ROCK, RONALD LEE, US  
[71] TEXAS UNITED CHEMICAL COMPANY, LLC., US  
[85] 2004-09-30  
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[30] US (60/372,954) 2002-04-16

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[25] EN  
[54] **APPARATUS AND METHOD FOR AUTOMATICALLY STACKING FUEL CELL MATERIAL LAYERS**  
[54] **APPAREIL ET PROCEDE D'EMPLAGE AUTOMATIQUE DE COUCHES DE MATERIAU PILE A COMBUSTIBLE**  
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[72] SCHUKAR, GARY W., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[54] **UTILISATION DE RESEAUX NEURONAUX POUR EXPLORER DES DONNEES**  
[72] GAROFALO, CHARLES EDWARD, US  
[72] YANG, QIAN, US  
[72] GUPTA, YOGESH, US  
[72] WILSON, KIRK, US  
[72] CASS, RONALD, US  
[72] SEDUKHIN, IGOR, US  
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[30] US (60/374,064) 2002-04-19  
[30] US (60/374,020) 2002-04-19  
[30] US (60/374,024) 2002-04-19  
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[71] S.D. WARREN SERVICES COMPANY, US  
[85] 2004-09-30  
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[25] EN  
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[54] **VISUALISATION HIERARCHIQUE DE DONNEES MULTIDIMENSIONNELLES**  
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[72] PAO, YOH-HAN, US  
[72] MENG, ZHUO, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
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[54] **SYSTEM AND METHOD FOR MONITORING A COMPUTER APPLICATION**  
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN ORDINATEUR**  
[72] KHOT, PRAKASH, US  
[72] DEVINCENTIS, SILVIO, US  
[72] JODHAPURKAR, RAJENDRA, US  
[72] SHANKARANARAYANAN, KARTIK, US  
[72] DOSHI, RUTVIK, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
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[51] **Int.Cl. 7A47F 1/04**  
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[54] **DEPTH AND WIDTH ADJUSTABLE DISPLAY TRACK UNIT WITH REMOVABLE PARTITIONS**  
[54] **UNITE DE RAIL DE PRESENTATION A CLOISONS AMOVIBLES REGLABLE EN HAUTEUR ET EN LARGEUR**  
[72] MENZ, ALBERT, US  
[72] HANRETTY, PETER, US  
[72] JAY, RICHARD, US  
[72] ILLERS, MARTY, US  
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[54] **COLLECTEUR D'UN SYSTEME DE PILE A COMBUSTIBLE**  
[72] BAZZARELLA, RICARDO, CA  
[72] CARGNELLI, JOSEPH, CA  
[72] YE, JIANMING, CA  
[71] HYDROGENICS CORPORATION, CA  
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[54] **CONTENT REPLACEMENT BY  
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[72] GARRETT, JON D., US  
[72] PEDLOW, LEO M., JR., US  
[72] CANDELORE, BRANT L., US  
[71] SONY ELECTRONICS INC., US  
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[25] EN  
[54] **APPARATUS AND METHOD FOR  
SEPARATING A FUEL CELL  
ASSEMBLY FROM A BONDING  
FIXTURE**  
[54] **APPAREIL ET PROCEDE DE  
SEPARATION D'UN ENSEMBLE PILE A  
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LIAISON**  
[72] MLINAR, JOHN R., US  
[71] 3M INNOVATIVE PROPERTIES  
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[54] **METHOD AND SYSTEM FOR  
OPTICALLY MEASURING SWELLING  
OF THE NOSE**  
[54] **PROCEDE ET DISPOSITIF POUR  
MESURER OPTIQUEMENT UN  
GONFLEMENT DU NEZ**  
[72] OEHMICHEN, UWE, DE  
[72] HUTTENBRINK, KARL-BERND, DE  
[72] WUSTENBERG, GUNTER EIKE, DE  
[72] SCHLEICHER, ECKHARD, DE  
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[54] **OPTIMUM THRESHOLD USING  
FORWARD ERROR CORRECTION  
INFORMATION**  
[54] **SEUIL OPTIMAL UTILISANT DES  
INFORMATIONS DE CORRECTION  
D'ERREURS SANS VOIE DE RETOUR**  
[72] MACCHI, MAURO, IT  
[72] GRANDI, EMANUELA, IT  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-09-30  
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[51] **Int.Cl. 7A61M 5/178**  
[25] EN  
[54] **DEVICE FOR PREPARING A  
MEDICINAL LIQUID AND METHOD  
FOR PRESERVING A SOLUTION OF  
MEDICAMENT FOR INJECTION**  
[54] **DISPOSITIF DE PREPARATION  
D'UN LIQUIDE MEDICINAL, ET  
METHODE POUR PRESERVER UNE  
SOLUTION MEDICAMENTEUSE A  
INJECTER**  
[72] MOIR, ANDREW, CH  
[71] ARES TRADING S.A., CH  
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[51] **Int.Cl. 7H01M 8/02**  
[25] EN  
[54] **SEPARATOR FOR FUEL CELL**  
[54] **SEPARATEUR DESTINE A UNE  
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[72] OKONOGI, DAISUKE, JP  
[72] KIMURA, MIKIHICO, JP  
[72] NISHIYAMA, TADASHI, JP  
[72] KAWACHI, SHINYA, JP  
[72] ANDOU, KEISUKE, JP  
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[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
SUBSCRIPTION BROADCAST  
MEDIUM DELIVERED OVER A  
BROADBAND NETWORK**  
[54] **SYSTEME ET PROCEDE POUR  
SUPPORT DE DIFFUSION PAR  
ABONNEMENT FOURNIS SUR UN  
RESEAU A LARGE BANDE**  
[72] CHLADEK, JAMES, US  
[71] CHLADEK, JAMES, US  
[85] 2004-09-30  
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[51] **Int.Cl. 7H04L 12/24 7H04M 3/36  
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[25] EN  
[54] **METHOD AND SYSTEM FOR  
BUDGETING RESOURCES  
DEDICATED TO PROCESSING NON-  
VOICE DATA TRAFFIC**  
[54] **PROCEDE ET SYSTEME DE  
BUDGETISATION DE RESSOURCES  
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[72] LAZARUS, DAVID B., US  
[72] RESUTA, DAVID P., US  
[71] GENERAL INSTRUMENT  
CORPORATION, US  
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[54] **CONTROLE DE PROCESSUS BASE SUR L'ACTIVITE BIOLOGIQUE**  
[72] MONTIJN, ROY CHRISTIAAN, NL  
[72] SCHUREN, FRANK HENRI JOHAN, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPASTNATUURWETENSCHAPPEI JK ONDERZOEK TN O, NL  
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[25] EN  
[54] **NATURAL PHENOLIC PRODUCTS AND DERIVATIVES THEREOF FOR PROTECTION AGAINST NEURODEGENERATIVE DISEASES**  
[54] **PRODUITS PHENOLIQUES NATURELS ET LEURS DERIVES PERMETTANT D'OBTENIR UNE PROTECTION CONTRE LES MALADIES NEURODEGENERATIVES**  
[72] BOZA PUERTA, JULIO, ES  
[72] LOPEZ-HUERTAS LEON, EDUARDO, ES  
[72] MORALES SANCHEZ, JUAN-CARLOS, ES  
[72] JIMENEZ LOPEZ, JESUS, ES  
[72] GEERLINGS, ARJAN, ES  
[71] PULEVA BIOTECH, S.A., ES  
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[25] EN  
[54] **TURBINE WITH A DOWNSTREAM TUBE**  
[54] **TURBINE COMPORTANT UN TUYAU CONNECTE EN AVAL**  
[72] NICHTAWITZ, ALOIS, AT  
[71] VA TECH HYDRO GMBH & CO, AT  
[85] 2004-09-30  
[86] 2003-03-18 (PCT/EP2003/002777)  
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[30] AT (A 549/2002) 2002-04-10

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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12M 1/34**  
[25] EN  
[54] **METHODS AND DEVICES FOR PERFORMING CHEMICAL REACTIONS ON A SOLID SUPPORT**  
[54] **TECHNIQUES ET DISPOSITIFS PERMETTANT DE REALISER DES REACTIONS CHIMIQUES SUR UN SUPPORT SOLIDE**  
[72] HEANEY, PAUL, US  
[72] WORL, RALF, US  
[72] MACZUSZENKO, ANDRZEJ, CA  
[72] BRUCE, PHILLIP, III, US  
[72] WALKER, SHEILA A., US  
[72] GRISWOLD, CHARLES, US  
[72] OPALSKY, DAVID, US  
[72] LIN, CHAO, US  
[71] SEQUENOM, INC., US  
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[86] 2003-04-11 (PCT/US2003/011384)  
[87] 2003-10-23 (WO2003/087410)  
[30] US (60/372,711) 2002-04-11  
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[13] A1

[51] **Int.Cl. 7A61F 15/00 7A61F 13/15**  
[25] EN  
[54] **PACKAGING MATERIAL SHEET WITH AT LEAST ONE LINE OF WEAKNESS, AND PACKAGING MATERIAL**  
[54] **FEUILLE DE MATERIAU D'EMBALLAGE COMPORTANT AU MOINS UNE LIGNE DE RUPTURE, ET MATERIAU D'EMBALLAGE ASSOCIE**  
[72] SCHOELLING, HANS-WERNER, DE  
[72] HULL, RAYMOND J., US  
[72] JANSSEN, WILLIAM, DE  
[71] JOHNSON & JOHNSON GMBH, DE  
[85] 2004-09-30  
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[30] DE (102 14 579.2) 2002-04-02

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[51] **Int.Cl. 7B41M 3/00 7G06F 17/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR UNIQUELY IDENTIFYING A LARGE NUMBER OF FILM PRINTS**  
[54] **PROCEDES ET APPAREIL D'IDENTIFICATION INDIVIDUELLE D'UN GRAND NOMBRE D'IMPRESSIONS DE FILMS**  
[72] ODGERS, CHRIS R., US  
[72] BELL, ALAN, US  
[71] TIME WARNER ENTERTAINMENT CO., L.P., US  
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[25] EN  
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[54] **DISPOSITIF DE NETTOYAGE ET METHODE D'UTILISATION DE CE DISPOSITIF**  
[72] LOVE, MICHAEL DAVID, US  
[72] NEIMAN, DIANE, US  
[72] NGUYEN, LAMSON, US  
[72] SPITZER, LEONARD, US  
[72] STUDER, JOHN EUGENE, US  
[72] ALDEN, TOR, US  
[72] ASHLEY, CHARLES, US  
[72] THOMAS, ALAN JAMES, US  
[72] BELANSKY, CAROL ANN, US  
[72] CORKHILL, IAN JAMES, US  
[72] WELLER, JEANNE MARIE, US  
[72] DIBNAH, CARL, GB  
[72] FERRI, LINO, US  
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[85] 2004-09-30  
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[87] 2003-10-09 (WO2003/082048)  
[30] GB (0207710.5) 2002-04-03  
[30] GB (0223509.1) 2002-10-10

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[13] A1

[51] **Int.Cl. 7H04N 5/00 7H04N 7/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DISPLAYING GRAPHICS ON AN AUXILIARY DISPLAY DEVICE USING LOW LEVEL GRAPHICS DRIVERS**  
[54] **PROCEDE ET APPAREIL DE PRESENTATION DE GRAPHIQUES SUR UN AFFICHEUR AUXILIAIRE A L'AIDE DE PILOTES GRAPHIQUES DE BAS NIVEAU**  
[72] FALVO, BARRY P., US  
[72] GOFFIN, GLEN P., II, US  
[72] ROSENBERGER, ANIELA M., US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2004-09-30  
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[87] 2003-10-16 (WO2003/085960)  
[30] US (10/115,633) 2002-04-04

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[13] A1

[51] **Int.Cl. 7D06F 39/00 7D06F 39/08**  
[25] EN  
[54] **METHOD FOR CONTROLLING THE PROGRAM OF A WASHING MACHINE AND WASHING MACHINE USING SUCH METHOD**  
[54] **PROCEDE DE GESTION DE PROGRAMME POUR MACHINE A LAVER ET MACHINE A LAVER DONT LE FONCTIONNEMENT EST REGI PAR CE PROCEDE**  
[72] PAGANINI, RAFFAELE, IT  
[72] PETRIGLIANO, ROCCO, IT  
[72] BELLINETTO, ENRICO, IT  
[71] WHIRLPOOL CORPORATION, US  
[85] 2004-09-30  
[86] 2003-03-20 (PCT/EP2003/002930)  
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[13] A1

[51] **Int.Cl. 7E21B 44/00 7G06T 7/00**  
[25] EN  
[54] **METHOD OF LOCALIZING A HOLE DRILLED WITH A ROCK DRILLING MACHINE**  
[54] **PROCEDE DE LOCALISATION D'UN TROU FORE AVEC UNE MACHINE DE FORAGE DE ROCHES**  
[72] PLANESKOG, BERTIL, SE  
[72] GUSTAVSSON, HANS, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2004-09-30  
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[87] 2003-10-16 (WO2003/085233)  
[30] SE (0201014-8) 2002-04-04

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[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **COMBINED THERAPY AGAINST TUMORS COMPRISING SUBSTITUTED ACRYLOYL DISTAMYCIN DERIVATIVES AND RADIOTHERAPY**  
[54] **THERAPIE COMBINEE CONTRE DES TUMEURS CONTENANT DES DERIVES SUBSTITUES D'ACRYLOYL DISTAMYCINE ET RADIOTHERAPIE**  
[72] GERONI, MARIA CRISTINA ROSA, IT  
[72] TURSI, JENNIFER MARGARET, IT  
[72] FOWST, CAMILLA, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
[85] 2004-09-30  
[86] 2003-03-17 (PCT/EP2003/003192)  
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[13] A1

[51] **Int.Cl. 7C08B 37/08**  
[25] EN  
[54] **CHITOSAN PRODUCTION**  
[54] **PRODUCTION DE CHITOSANE**  
[72] HWANG, KI-OH, US  
[72] FAN, WEIYU, US  
[72] TRINKLE, JAMES R., US  
[71] CARGILL, INCORPORATED, US  
[85] 2004-09-30  
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[87] 2003-10-23 (WO2003/086281)  
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[54] **NOUVEAUX HERBICIDES**  
[72] STOLLER, ANDRE, CH  
[72] NEBEL, KURT, CH  
[72] WENGER, JEAN, CH  
[72] HALL, ROGER GRAHAM, CH  
[72] SCHAEZTER, JURGEN, CH  
[72] VALENTINY, MARIAN, SK  
[72] CRAIG, GERALD WAYNE, CH  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2004-09-30  
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[87] 2003-10-23 (WO2003/087067)  
[30] CH (558/02) 2002-04-03

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[13] A1

[51] **Int.Cl. 7C21D 6/00 7C22C 38/00 7C22C 38/50**

[25] EN  
[54] **METHOD FOR PRODUCING MARTENSITIC STAINLESS STEEL**  
[54] **PROCEDE DE PRODUCTION D'ACIER MARTENSITIQUE INOXYDABLE**  
[72] TANIDA, MUTSUMI, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[85] 2004-09-30  
[86] 2003-04-11 (PCT/JP2003/004671)  
[87] 2003-10-23 (WO2003/087415)  
[30] JP (2002-110495) 2002-04-12

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[13] A1

[51] **Int.Cl. 7C07D 215/40 7A61P 29/00 7C07D 405/12 7C07D 217/24 7A61K 31/47**

[25] EN  
[54] **QUINOLINE AND ISOQUINOLINE DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS ANTI-INFLAMMATORY AGENTS**  
[54] **DERIVES DE QUINOLEINE ET D'ISOQUINOLEINE, PROCEDE DE PRODUCTION DE CES DERIVES ET LEUR UTILISATION COMME AGENTS ANTI-INFLAMMATOIRES**  
[72] SCHAECKE, HEIKE, DE  
[72] KROLIKIEWICZ, KONRAD, DE  
[72] SKUBALLA, WERNER, DE  
[72] BERGER, MARKUS, DE  
[72] SCHOTTELIUS, ARNDT, DE  
[72] REHWINKEL, HARTMUT, DE  
[72] JAROCH, STEFAN, DE  
[72] SCHMEES, NORBERT, DE  
[72] LEHMANN, MANFRED, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2004-10-01  
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[30] DE (102 15 316.7) 2002-04-02

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[13] A1

[51] **Int.Cl. 7B60J 5/04 7B60R 13/08**

[25] EN  
[54] **SUPPORT MODULE WITH IMPERVIOUS CLOSURE FOR VEHICLE DOORS AND METHOD OF MOUNTING SAID MODULE**  
[54] **MODULE DE SUPPORT A FERMETURE ETANCHE POUR PORTES DE VEHICULE ET PROCEDE DE MONTAGE DUDIT MODULE**  
[72] GARCIA GARCIA, RAFAEL, ES  
[72] DOMINGUEZ RUBIO, FRANCISCO, ES  
[72] GOMEZ CAMARA, DAVID, ES  
[72] MARTINEZ MORAL, FRANCISCO JAVIER, ES  
[72] SANTAOLALLA GIL, JOAQUIN, ES  
[71] GRUPO ANTOLIN-INGENIERIA, S.A., ES  
[85] 2004-09-30  
[86] 2003-09-16 (PCT/ES2003/000466)  
[87] 2004-04-29 (WO2004/035336)

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[13] A1

[51] **Int.Cl. 7H04R 25/00**

[25] EN  
[54] **SOUND REPRODUCTION EMPLOYING UNITY SUMMATION APERTURE LOUDSPEAKERS**  
[54] **REPRODUCTION SONORE UTILISANT DES HAUT-PARLEURS A OUVERTURE, A SOMMATION D'UNITES**  
[72] DANLEY, THOMAS J., US  
[71] SERVODRIVE, INC., US  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/US2003/009790)  
[87] 2003-10-16 (WO2003/086015)  
[30] US (10/113,396) 2002-04-01

[21] **2,481,016**  
[13] A1

[51] **Int.Cl. 7A61F 13/00**

[25] EN  
[54] **ACCESS OPENINGS IN VACUUM BANDAGE**  
[54] **OUVERTURES D'ACCES DANS UN PANSEMENT SOUS VIDE**  
[72] PETROSENKO, ROBERT, US  
[72] LOCKWOOD, JEFFREY S., US  
[71] HILL-ROM SERVICES, INC., US  
[85] 2004-09-30  
[86] 2002-12-20 (PCT/US2002/041210)  
[87] 2003-10-23 (WO2003/086232)  
[30] US (60/371,618) 2002-04-10

[21] **2,481,017**  
[13] A1

[51] **Int.Cl. 7G11B 7/24 7G11B 7/00**

[25] EN  
[54] **DUAL STACK OPTICAL DATA STORAGE MEDIUM**  
[54] **SUPPORT DE STOCKAGE DE DONNEES OPTIQUE A DOUBLE EMPILEMENT**  
[72] MARTENS, HUBERT C. F., NL  
[72] VAN DEN OETELAAR, RONALD J. A., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/IB2003/001290)  
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[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **DATA ARCHIVE RECOVERY**  
[54] **RECUPERATION DE DONNEES**  
**ARCHIVEES**  
[72] GANOS, DAN G., US  
[71] ELECTRONIC DATA SYSTEMS  
CORPORATION, US  
[85] 2004-09-30  
[86] 2003-05-07 (PCT/US2003/014302)  
[87] 2003-11-20 (WO2003/096393)  
[30] US (10/139,631) 2002-05-07

[21] **2,481,019**  
[13] A1  
[51] **Int.Cl. 7H01T 2/02**  
[25] EN  
[54] **DEVICE AND METHOD FOR**  
**TRIGGERING A SPARK GAP**  
[54] **DISPOSITIF ET PROCEDE**  
**ELECTRIQUE**  
[72] HALVARSSON, PER, SE  
[72] PAULSSON, LARS, SE  
[72] JOHANSSON, JAN, SE  
[72] JEPSSON, OLA, SE  
[71] ABB AB, SE  
[85] 2004-09-30  
[86] 2003-05-08 (PCT/SE2003/000739)  
[87] 2003-11-20 (WO2003/096502)  
[30] SE (0201424-9) 2002-05-13

[21] **2,481,020**  
[13] A1  
[51] **Int.Cl. 7A61K 9/127**  
[25] EN  
[54] **LOCALIZED NON-INVASIVE**  
**BIOLOGICAL MODULATION SYSTEM**  
[54] **SYSTEME DE MODULATION**  
**BIOLOGIQUE NON EFFRACTIF**  
**LOCALISE**  
[72] KANE, PATRICK D., US  
[71] SAOIRSE CORPORATION, US  
[85] 2004-09-30  
[86] 2002-09-30 (PCT/US2002/030997)  
[87] 2003-04-03 (WO2003/026618)  
[30] US (60/325,673) 2001-09-28  
[30] US (60/364,734) 2002-03-14

[21] **2,481,021**  
[13] A1  
[51] **Int.Cl. 7G11B 7/007 7G11B 7/24**  
[25] EN  
[54] **OPTICAL DATA STORAGE**  
**MEDIUM AND USE OF SUCH MEDIUM**  
[54] **SUPPORT DE MEMORISATION DE**  
**DONNEES OPTIQUES ET**  
**UTILISATION DE CE SUPPORT**  
[72] MARTENS, HUBERTUS C. F., NL  
[71] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/IB2003/001377)  
[87] 2003-10-09 (WO2003/083845)  
[30] EP (02076286.0) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7H04B 7/212 7H04J 3/00**  
[25] EN  
[54] **OVERHEAD REDUCTION IN A**  
**COMMUNICATIONS SYSTEM**  
[54] **REDUCTION DE SURDEBIT DANS**  
**UN SYSTEME DE COMMUNICATIONS**  
[72] NELSON, GEORGE R., JR., US  
[72] CORNETT, JOHN B., JR., US  
[72] JOHNSON, KEVIN P., US  
[71] IPR LICENSING, INC., US  
[85] 2004-09-30  
[86] 2003-01-22 (PCT/US2003/001966)  
[87] 2003-07-31 (WO2003/063403)  
[30] US (60/350,569) 2002-01-22

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[13] A1  
[51] **Int.Cl. 7F26B 7/00**  
[25] EN  
[54] **PROCESS FOR DRYING HIGH-**  
**LACTOSE AQUEOUS FLUIDS**  
[54] **PROCEDE DE SECHAGE DE**  
**FLUIDES AQUEUX A TENEUR ELEVEE**  
**EN LACTOSE**  
[72] KELLER, A. KENT, US  
[71] KELLER TECHNOLOGIES, INC., US  
[85] 2004-09-30  
[86] 2003-03-03 (PCT/US2003/006588)  
[87] 2003-09-18 (WO2003/075643)  
[30] US (60/361,597) 2002-03-04

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[13] A1  
[51] **Int.Cl. 7A61C 17/34**  
[25] EN  
[54] **ELECTRIC TOOTHBRUSH**  
[54] **BROSSE A DENTS ELECTRIQUE**  
[72] SCHUETZ, ALFRED, CH  
[72] RAGAZZO, ANDREA, CH  
[71] GIMELLI PRODUKTIONS AG, CH  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/EP2003/003462)  
[87] 2003-10-16 (WO2003/084427)  
[30] DE (102 14 803.1) 2002-04-04

[21] **2,481,025**  
[13] A1  
[51] **Int.Cl. 7A61K 9/20 7A61K 31/495**  
[25] EN  
[54] **PALATABLE CHEWABLE**  
**TABLET**  
[54] **TABLETTE A MACHER SAPIDE**  
[72] HAVLIR, TANYA, US  
[72] KASRAIAN, KASRA, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-10-01  
[86] 2003-03-26 (PCT/IB2003/001130)  
[87] 2003-10-16 (WO2003/084511)  
[30] US (60/370,086) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7A61K 31/402 7C07D 453/06**  
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**451 7C07D 211/72**  
[25] EN  
[54] **N'-4-(2-IMINO-PYRROLIDIN-1-**  
**YL)PHENYL]-ACETAMIDE AND**  
**CORRESPONDING PIPERIDINE**  
**DERIVATIVES AS FACTOR XA**  
**INHIBITORS FOR THE TREATMENT**  
**OF THROMBO-EMBOLIC DISEASES**  
[54] **N'-4-(2-IMINO-PYRROLIDIN-1-**  
**YL)PHENYL]-ACETEMIDE ET**  
**DERIVES DE PIPERIDINE**  
**CORRESPONDANT SERVANT**  
**D'INHIBITEURS DE FACTEUR XA**  
**POUR TRAITER DES MALADIES**  
**THROMBOEMBOLIQUES**  
[72] BARNES, CHRISTOPHER, DE  
[72] MEDERSKI, WERNER, DE  
[72] CEZANNE, BERTRAM, DE  
[72] DORSCH, DIETER, DE  
[72] TSAKLAKIDIS, CHRISTOS, DE  
[72] GLEITZ, JOHANNES, DE  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-10-01  
[86] 2003-03-07 (PCT/EP2003/002349)  
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[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DYNAMICALLY GENERATING CUSTOMIZED PAGES**  
[54] **SYSTEME ET PROCEDE DE GENERATION DYNAMIQUE DE PAGES PERSONNALISEES**  
[72] SCHUBERT, BENJAMIN J., US  
[72] OLDENBURG, MELISSA L., US  
[72] PENNINGTON, STANFORD E., JR., US  
[71] SBC SERVICES, INC., US  
[85] 2004-09-30  
[86] 2003-04-24 (PCT/US2003/012756)  
[87] 2003-11-13 (WO2003/094050)  
[30] US (10/136,595) 2002-05-01

[21] **2,481,029**  
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 15/173**  
[25] EN  
[54] **ENTERPRISE CONTENT DELIVERY NETWORK HAVING A CENTRAL CONTROLLER FOR COORDINATING A SET OF CONTENT SERVERS**  
[54] **RESEAU DE DISTRIBUTION DE CONTENU D'ENTREPRISE (ECDN) PRESENTANT UN DISPOSITIF DE COMMANDE CENTRAL PERMETTANT DE COORDONNER UN ENSEMBLE DE SERVEURS DE CONTENU**  
[72] KLONINGER, JOHN J., US  
[72] SHAW, DAVID M., US  
[71] AKAMAI TECHNOLOGIES, INC., US  
[85] 2004-09-30  
[86] 2003-05-14 (PCT/US2003/015150)  
[87] 2003-11-27 (WO2003/098464)  
[30] US (60/380,365) 2002-05-14

[21] **2,481,031**  
[13] A1

[51] **Int.Cl. 7B32B 31/00**  
[25] EN  
[54] **GAP ADJUSTER FOR LAMINATING ROLLS**  
[54] **AJUSTEUR D'ECART DESTINE A DES ROULEAUX DE LAMINAGE**  
[72] RIPLEY, SCOTT A., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-01  
[86] 2003-02-11 (PCT/US2003/004274)  
[87] 2003-10-16 (WO2003/084749)  
[30] US (10/115,777) 2002-04-03

[21] **2,481,033**  
[13] A1

[51] **Int.Cl. 7B65D 33/36**  
[25] EN  
[54] **FLEXIBLE CONTAINMENT CHARGING DEVICE**  
[54] **DISPOSITIF DE CHARGEMENT A CONFINEMENT SOUPLE**  
[72] MANLOVE, LANCE FULLER, US  
[71] ILC DOVER, INC., US  
[85] 2004-10-01  
[86] 2003-03-17 (PCT/US2003/008114)  
[87] 2003-10-16 (WO2003/084831)  
[30] US (60/368,537) 2002-04-01

[21] **2,481,034**  
[13] A1

[51] **Int.Cl. 7C01B 3/06 7B01J 8/00 7B01J 16/00 7B01J 7/02**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GENERATING HYDROGEN**  
[54] **PROCEDE ET SYSTEME DE PRODUCTION D'HYDROGENE PAR DISTRIBUTION DE COMPOSANTS LIQUIDES ET SOLIDES DE COMBUSTIBLE**  
[72] PETILLO, PHILLIP J., US  
[72] PETILLO, STEPHEN C., US  
[71] MILLENNIUM CELL, INC., US  
[85] 2004-10-01  
[86] 2003-03-27 (PCT/US2003/009437)  
[87] 2003-10-16 (WO2003/084866)  
[30] US (10/115,269) 2002-04-02

[21] **2,481,035**  
[13] A1

[51] **Int.Cl. 7C07C 65/28 7C07C 233/00 7C07C 311/00 7C07D 213/00 7C07D 229/00 7C07D 239/00 7A61P 13/00 7A61P 19/00 7A61P 29/00 7A61K 31/19 7C07D 265/28 7A61K 31/435 7A61K 31/465 7A61K 31/495 7C07C 229/56**  
[25] EN  
[54] **(2-((2-ALKOXY)-PHENYL)-CYCLOPENT-1-ENYL) AROMATIC CARBO AND HETEROCYCLIC ACID AND DERIVATIVES**  
[54] **ACIDE (2-((2-ALCOXY)-PHENYL)-CYCLOPENT-1-ENYL) AROMATIQUE CARBOCYCLIQUE AND HETEROCYCLIQUE ET SES DERIVES**  
[72] NOVELLI, RICCARDO, GB  
[72] GIBLIN, GERARD MARTIN PAUL, GB  
[72] NAYLOR, ALAN, GB  
[72] KILFORD, IAN REGINALD, GB  
[72] LEWELL, XIAO QING, GB  
[72] HALL, ADRIAN, GB  
[72] HURST, DAVID NIGEL, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/EP2003/003661)  
[87] 2003-10-16 (WO2003/084917)  
[30] GB (0208045.5) 2002-04-08  
[30] GB (0302881.8) 2003-02-07

[21] **2,481,036**  
[13] A1

[51] **Int.Cl. 7C07D 405/04 7A61K 31/404**  
[25] EN  
[54] **(3Z)-3-(3-HYDRO-ISOBENZOFURAN-1-YLIDENE)-1,3-DIHYDRO-2H-INDOL-2-ONES AS KINASE INHIBITORS**  
[54] **(3Z)-3-(3-HYDRO-ISOBENZOFURAN-1-YLIDENE)-1,3-DIHYDRO-2H-INDOL-2-ONES UTILISEES EN TANT QU'INHIBITEURS DE KINASES**  
[72] WANG, SHIMIAO, US  
[72] MALONE, THOMAS, US  
[72] GUO, XIALING, US  
[72] ZHU, ZHEN, US  
[72] WURSTER, JULIE A., US  
[72] HULL, CLARENCE E., III, US  
[72] ANDREWS, STEVEN W., US  
[72] WANG, EDWARD H., US  
[71] ALLERGAN, INC., US  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/US2003/010179)  
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[13] A1

[51] **Int.Cl. 7C07F 9/50 7C07B 53/00  
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[25] EN  
[54] **BISPHOSPHINES AS BIDENTATE  
LIGANDS**  
[54] **BISPHOSPHINES UTILISEES EN  
TANT QUE LIGANDS BIDENTATES**  
[72] HOLZ, JENS, DE  
[72] DINGERDISSEN, UWE, DE  
[72] DRAUZ, KARLHEINZ, DE  
[72] MONSEES, AXEL, DE  
[72] KADYROV, RENAT, DE  
[72] RIERMEIER, THOMAS, DE  
[72] SCHNEIDER, CARSTEN A., DE  
[72] BOERNER, ARMIN, DE  
[71] DEGUSSA AG, DE  
[85] 2004-10-01  
[86] 2003-03-03 (PCT/EP2003/002162)  
[87] 2003-10-16 (WO2003/084971)  
[30] DE (102 14 988.7) 2002-04-04

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[13] A1

[51] **Int.Cl. 7C04B 41/52 7C04B 41/50**  
[25] EN  
[54] **TREATMENT OF SURFACES TO  
STABILIZE HEAVY METALS**  
[54] **TRAITEMENT DE SURFACES  
PERMETTANT DE STABILISER DES  
METAUX LOURDS**  
[72] BARTHEL, JAMES, US  
[72] PETERS, MARK A., US  
[71] MT2, LLC, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010292)  
[87] 2003-10-16 (WO2003/085064)  
[30] US (60/369,956) 2002-04-04

[21] **2,481,042**  
[13] A1

[51] **Int.Cl. 7A61K 49/00 7C12N 3/00  
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[25] EN  
[54] **MYCOPLASMA POLYPEPTIDES**  
[54] **POLYPEPTIDES DE  
MYCOPLASME**  
[72] YOUNG, THERESA F., US  
[72] ROSS, RICHARD F., US  
[72] ZHOU, EN-MIN, US  
[72] HSU, WALTER H., US  
[71] IOWA STATE UNIVERSITY  
RESEARCH FOUNDATION, INC., US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010305)  
[87] 2003-10-23 (WO2003/086473)  
[30] US (60/370,344) 2002-04-05

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[13] A1

[51] **Int.Cl. 7B32B 15/00**  
[25] EN  
[54] **GRAPHITE LAMINATE FUEL  
CELL PLATE**  
[54] **PLAQUE DE PILE A  
COMBUSTIBLE STRATIFIEE EN  
GRAPHITE**  
[72] MCMANUS, EDWARD C., US  
[72] LYONS, DAVID P., US  
[71] WEBSTER PLASTICS, INC., US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010333)  
[87] 2003-10-23 (WO2003/086749)  
[30] US (60/370,165) 2002-04-05  
[30] US (10/405,173) 2003-04-02

[21] **2,481,044**  
[13] A1

[51] **Int.Cl. 7B65G 47/26 7B65G 47/244**  
[25] EN  
[54] **ARTICLE UNSCRAMBLER WITH  
TAPERED POLYURETHANE ROLLERS**  
[54] **POSITIONNEUR D'ARTICLES  
AVEC ROULEAUX DE  
POLYURETHANNE CONIQUES**  
[72] BROUWER, GERALD A., US  
[72] JOHNSON, JAMES P., US  
[71] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010653)  
[87] 2003-10-23 (WO2003/086915)  
[30] US (60/369,975) 2002-04-04

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[13] A1

[51] **Int.Cl. 7C02F 1/54**  
[25] EN  
[54] **WASTE WATER TREATMENT  
PROCESS FOR ANIMAL PROCESSING  
CONTAMINANT REMOVAL**  
[54] **PROCEDE DE TRAITEMENT  
D'EAUX USEES POUR UNE  
ELIMINATION DE CONTAMINANTS  
DE TRAITEMENT ANIMAL**  
[72] ALLEN, STEPHEN, US  
[71] WATER SOLUTIONS INC., US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010445)  
[87] 2003-10-23 (WO2003/086983)  
[30] US (10/115,821) 2002-04-04

[21] **2,481,074**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07K 16/00  
7C12N 15/00**  
[25] EN  
[54] **HUMAN ANTI-OPGL  
NEUTRALIZING ANTIBODIES AS  
SELECTIVE OPGL PATHWAY  
INHIBITORS**  
[54] **ANTICORPS HUMAIN  
NEUTRALISANT ANTI OPGL  
UTILISES EN TANT QU'INHIBITEURS  
DE CHEMIN D'OPGL**  
[72] MARTIN, FRANCIS HALL, US  
[72] HUANG, HAICHUN, US  
[72] ELLIOTT, ROBIN L., US  
[72] SULLIVAN, JOHN K., US  
[72] BOYLE, WILLIAM J., US  
[72] MEDLOCK, EUGENE, US  
[71] AMGEN INC., US  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/US2003/010749)  
[87] 2003-10-23 (WO2003/086289)  
[30] US (60/370,407) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7G07F 19/00 7G06F 17/60**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PERFORMING TRANSACTIONS AT A POINT-OF-SALE**  
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES TRANSACTIONS A UN POINT DE VENTE**  
[72] MOLLETT, CASSANDRA J., US  
[72] PRICE, JAMES, US  
[72] FILLINGER, CHARLES A., US  
[72] STOUTENBURG, EARNEY, US  
[72] SEIFERT, DEAN A., US  
[72] NELSON, ERIC M., US  
[72] SINGLETON, JEFFREY, US  
[71] FIRST DATA CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/US2003/012184)  
[87] 2003-10-23 (WO2003/088005)  
[30] US (10/116,689) 2002-04-03  
[30] US (10/116,735) 2002-04-03  
[30] US (10/116,733) 2002-04-03  
[30] US (10/116,686) 2002-04-03

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[13] A1  
[51] **Int.Cl. 7G06F 17/27 7G10L 13/00 7G10L 15/00 7G06F 17/20 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETECTING AND EXTRACTING NAMED ENTITIES FROM SPONTANEOUS COMMUNICATIONS**  
[54] **PROCEDE ET SYSTEME DE DETECTION ET D'EXTRACTION D'ENTITES NOMMEES DE COMMUNICATIONS SPONTANEEES**  
[72] GORIN, ALLEN LOUIS, US  
[72] BECHET, FREDERIC, FR  
[72] HAKKANI-TUR, DILEK Z., US  
[72] WRIGHT, JEREMY HUNTLEY, US  
[71] AT&T CORP., US  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/US2003/010482)  
[87] 2003-10-23 (WO2003/088080)  
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[30] US (60/443,642) 2003-01-29  
[30] US (10/402,941) 2003-04-01

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[13] A1  
[51] **Int.Cl. 7H01J 49/42**  
[25] EN  
[54] **FRAGMENTATION OF IONS BY RESONANT EXCITATION IN A HIGH ORDER MULTIPOLE FIELD, LOW PRESSURE ION TRAP**  
[54] **FRAGMENTATION D'IONS PAR EXCITATION RESONANTE DANS UN CHAMP MULTIPOLE DE RANG SUPERIEUR, ET PIEGE D'IONS BASSE PRESSION**  
[72] LONDRY, FRANK, CA  
[72] STOTT, WILLIAM R., CA  
[72] COLLINGS, BRUCE A., CA  
[71] MDS INC., DOING BUSINESS AS MDS SCIEX, CA  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/CA2003/000477)  
[87] 2003-10-23 (WO2003/088305)  
[30] US (60/370,205) 2002-04-05  
[30] US (10/310,003) 2002-12-04

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[13] A1  
[51] **Int.Cl. 7H04B 7/00 7H04Q 7/00**  
[25] EN  
[54] **NODE B AND RNC ACTIONS DURING A SERVING HSDPA CELL CHANGE**  
[54] **ACTION SUR NOEUD B ET SUR CONTROLEUR RNC PENDANT UN CHANGEMENT DE CELLULE DE SYSTEME HCSA SERVEUR**  
[72] TERRY, STEPHEN E., US  
[72] CHAO, YI-JU, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010516)  
[87] 2003-10-23 (WO2003/088545)  
[30] US (60/370,719) 2002-04-05

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[21] **2,481,084**  
[13] A1  
[51] **Int.Cl. 7G09F 7/18**  
[25] EN  
[54] **CEILING SYSTEM WITH VERTICAL SPACE DIVISION**  
[54] **SYSTEME DE PLAFOND A DIVISION SPATIALE VERTICALE**  
[72] INSALACO, ROBERT W., US  
[71] HERMAN MILLER, INC., US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010714)  
[87] 2003-10-23 (WO2003/088192)  
[30] US (60/370,414) 2002-04-04

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[21] **2,481,085**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7A61K 48/00 7A61K 38/04 7A61K 38/16**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR**  
[54] **COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEURS**  
[72] WOOD, WILLIAM I., US  
[72] POLAKIS, PAUL, US  
[72] SMITH, VICTORIA, US  
[72] GURNEY, AUSTIN L., US  
[72] WU, THOMAS D., US  
[72] ZHANG, ZEMIN, US  
[72] GODDARD, AUDREY, US  
[71] GENENTECH, INC., US  
[85] 2004-10-06  
[86] 2002-04-17 (PCT/US2002/012206)  
[87] 2003-10-30 (WO2003/088898)

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[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COORDINATING A RADIO NETWORK CONTROLLER AND NODE B RESOURCE MANAGEMENT DEVICE FOR HIGH SPEED DOWNLINK PACKET DATA SERVICE**  
[54] **PROCEDE ET APPAREIL POUR COORDONNER UN CONTROLEUR DE RESEAU RADIO ET UN DISPOSITIF DE GESTION DE NOEUD B PAR LIAISON DESCENDANTE HAUTE VITESSE**  
[72] MILLER, JAMES M., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010070)  
[87] 2003-10-23 (WO2003/088702)  
[30] US (60/370,739) 2002-04-05  
[30] US (10/321,308) 2002-12-17

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[21] **2,481,091**  
[13] A1

[51] **Int.Cl. 7A61K 9/14**  
[25] EN  
[54] **SUSTAINED RELEASE METOPROLOL FORMULATIONS**  
[54] **FORMULATIONS DE METOPROLOL A LIBERATION PROLONGEE**  
[72] BAICHWAL, ANAND R., US  
[72] DINICOLA, DEAN M., US  
[72] MCCALL, TROY W., US  
[72] SANGHVI, PRADEEPKUMAR P., US  
[72] WOODCOCK, PAUL, US  
[71] PENWEST PHARMACEUTICALS CO., US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010404)  
[87] 2003-10-23 (WO2003/086353)  
[30] US (60/370,460) 2002-04-05  
[30] US (60/442,228) 2003-01-24

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[13] A1

[51] **Int.Cl. 7A61K 9/36 7A61K 9/48**  
[25] EN  
[54] **LOW DOSE LIQUID ENTECAVIR FORMULATIONS AND USE**  
[54] **FORMULATIONS LIQUIDES CONTENANT UNE FAIBLE DOSE D'ENTECAVIR ET LEUR UTILISATION**  
[72] DESAI, DIVYAKANT, US  
[72] LI, DANPING, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010371)  
[87] 2003-10-23 (WO2003/086367)  
[30] US (60/370,674) 2002-04-08

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[13] A1

[51] **Int.Cl. 7G01N 33/574**  
[25] EN  
[54] **METHODS FOR DETECTING OVARIAN CANCER**  
[54] **PROCEDES DE DETECTION DU CANCER OVARIEN**  
[72] DIAMANDIS, ELEFThERIOS, CA  
[72] KISHI, TADAAKI, CA  
[71] MOUNT SINAI HOSPITAL, CA  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/CA2003/000495)  
[87] 2003-10-16 (WO2003/085404)  
[30] US (60/370,559) 2002-04-04

[21] **2,481,094**  
[13] A1

[51] **Int.Cl. 7G06K 9/00**  
[25] EN  
[54] **RAY-BASED IMAGE ANALYSIS FOR BIOLOGICAL SPECIMENS**  
[54] **ANALYSE D'IMAGE A BASE DE RAYONS POUR SPECIMENS BIOLOGIQUES**  
[72] KARSH, WILLIAM J., US  
[72] HANSEN, RICHARD L., US  
[71] AMERSHAM BIOSCIENCES CORP, US  
[85] 2004-10-01  
[86] 2003-04-29 (PCT/US2003/013500)  
[87] 2003-11-13 (WO2003/094101)  
[30] US (10/136,096) 2002-04-29

[21] **2,481,095**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **A SPACER FOR INERTIAL REMOVAL OF THE NON-RESPIRABLE FRACTION OF MEDICINAL AEROSOLS**  
[54] **SPACER D'ELIMINATION INERTIELLE DE LA FRACTION NON RESPIRABLE D'AEROSOLS MEDICINAUX**  
[72] STEIN, STEPHEN W., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-01  
[86] 2003-02-20 (PCT/US2003/005205)  
[87] 2003-10-30 (WO2003/089036)  
[30] US (60/373,945) 2002-04-19

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[13] A1

[51] **Int.Cl. 7G01V 5/12**  
[25] EN  
[54] **METHOD OF PROCESSING DATA FROM A DUAL DETECTOR LWD DENSITY LOGGING INSTRUMENT COUPLED WITH AN ACOUSTIC STANDOFF MEASUREMENT**  
[54] **PROCEDE DE TRAITEMENT DE DONNEES PROVENANT D'UN APPAREIL DE DIAGNOSTIC DE DENSITE EN COURS DE FORAGE (LWD) A DOUBLE DETECTEUR, COUPLE A UN APPAREIL ACOUSTIQUE DE MESURE D'ECART**  
[72] SALE, MATTHEW J., US  
[72] EFREMOV, SERGEY V., US  
[72] SCHNEIDER, DAVID M., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010167)  
[87] 2003-10-16 (WO2003/085419)  
[30] US (60/369,758) 2002-04-03

[21] **2,481,097**  
[13] A1

[51] **Int.Cl. 7E04C 2/52**  
[25] EN  
[54] **SEILING SYSTEM**  
[54] **SYSTEME DE PLAFOND**  
[72] INSALACO, ROBERT W., US  
[71] HERMAN MILLER, INC., US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010650)  
[87] 2003-12-11 (WO2003/102326)  
[30] US (60/370,362) 2002-04-04

[21] **2,481,100**  
[13] A1

[51] **Int.Cl. 7B65B 9/04 7A61J 3/07**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING CAPSULES**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE CAPSULES**  
[72] GRIMES, RYAN, GB  
[72] SMITH, DAVID JOHN, GB  
[72] TIDY, GEORGE BERNARD, GB  
[72] DRAISEY, ALLAN, GB  
[71] INGEL TECHNOLOGIES LTD, GB  
[85] 2004-10-01  
[86] 2003-04-01 (PCT/GB2003/001417)  
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[30] GB (0208587.6) 2002-04-13

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[21] **2,481,102**  
[13] A1  
[51] **Int.Cl. 7A61M 36/00**  
[25] EN  
[54] **DISPENSER FOR PATIENT INFUSION DEVICE**  
[54] **DISTRIBUTEUR CONCU POUR DISPOSITIF DE PERFUSION**  
[72] FLAHERTY, J. CHRISTOPHER, US  
[71] INSULET CORPORATION, US  
[85] 2004-10-01  
[86] 2003-03-31 (PCT/US2003/009952)  
[87] 2003-11-06 (WO2003/090838)  
[30] US (10/128,205) 2002-04-23

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[21] **2,481,103**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **DERIVATIVES HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**  
[54] **PRODUITS DERIVES PRESENTANT DES RENDEMENTS AJUSTABLES BASES SUR LA DEMANDE ET ECHANGES COMMERCIAUX ASSOCIES**  
[72] BARON, KENNETH, US  
[72] LANGE, JEFFREY, US  
[71] LONGITUDE, INC., US  
[85] 2004-10-01  
[86] 2003-03-13 (PCT/US2003/007990)  
[87] 2003-10-16 (WO2003/085491)  
[30] US (10/115,505) 2002-04-02

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[21] **2,481,105**  
[13] A1  
[51] **Int.Cl. 7A61D 19/02 7A61M 5/24**  
[25] EN  
[54] **DUAL USE SYRINGE**  
[54] **SERINGUE A DOUBLE UTILISATION**  
[72] HLADKY, DONALD F., US  
[71] CONTINENTAL PLASTIC CORP., US  
[85] 2004-10-01  
[86] 2003-05-06 (PCT/US2003/013990)  
[87] 2003-11-20 (WO2003/094777)  
[30] US (10/143,615) 2002-05-10

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[21] **2,481,106**  
[13] A1  
[51] **Int.Cl. 7A61M 5/158 7A61M 39/02**  
[25] FR  
[54] **DISPOSITIF MEDICAL DEFORMABLE POUR LE RETRAIT D'UNE AIGUILLE**  
[54] **DEFORMABLE MEDICAL DEVICE FOR REMOVING A NEEDLE**  
[72] BERTHEAS, JACQUES, FR  
[71] DISTRICLASS MEDICAL S.A., FR  
[85] 2004-10-01  
[86] 2003-05-16 (PCT/FR2003/001490)  
[87] 2003-11-27 (WO2003/097119)  
[30] FR (02/06091) 2002-05-17

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[13] A1  
[51] **Int.Cl. 7C12N 15/53 7A61K 39/04 7C12N 1/21 7A61K 38/43 7G01N 33/53 7C12N 15/60**  
[25] EN  
[54] **TUBERCULOSIS VACCINES INCLUDING RECOMBINANT BCG STRAINS EXPRESSING ALANINE DEHYDROGENASE, SERINE DEHYDRATASE AND/OR GLUTAMINE SYNTHETASE**  
[54] **SOUCHES RECOMBINEES DE BACILLE DE CALMETTE-GUERIN EXPRIMANT L'ALANINE DESHYDROGENASE, SERINE DESHYDRATASE ET/OU GLUTAMINE SYNTHETASE EN TANT QUE VACCINS CONTRE LA TUBERCULOSE**  
[72] CHEN, JEFFREY, CA  
[72] LIU, JUN, CA  
[72] LIU, JUN, CA  
[72] ALEXANDER, DAVID, CA  
[71] LIU, JUN, CA  
[85] 2004-10-01  
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[87] 2003-10-30 (WO2003/089462)  
[30] US (60/372,450) 2002-04-16

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[13] A1  
[51] **Int.Cl. 7C23C 4/00 7C23C 14/04 7C23C 16/04 7F01D 5/28**  
[25] EN  
[54] **PROCESS OF MASKING COOLING HOLES OF A GAS TURBINE COMPONENT**  
[54] **PROCESSUS DE MASQUAGE DE TROUS DE REFROIDISSEMENT D'UN ELEMENT DE TURBINE A GAZ**  
[72] STANKOWSKI, ALEXANDER, CH  
[72] FERNIHOUGH, JOHN, CH  
[72] BOEGI, ANDREAS, CH  
[71] ALSTOM TECHNOLOGY LTD, CH  
[85] 2004-10-01  
[86] 2003-03-12 (PCT/CH2003/000163)  
[87] 2003-10-30 (WO2003/089679)  
[30] EP (02405266.4) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7A61B 5/00 7A61N 5/06 7A61B 18/20**  
[25] EN  
[54] **CANCER DETECTION AND ADAPTIVE DOSE OPTIMIZATION TREATMENT SYSTEM**  
[54] **DETECTION DE CANCER ET SYSTEME DE TRAITEMENT PAR OPTIMISATION D'ADAPTATION DE DOSE**  
[72] SAGGESE, STEVEN, US  
[72] MOORADIAN, GREGORY C., US  
[72] TOCCI, MICHAEL D., US  
[72] TOCCI, NORA C., US  
[71] SCIENCE & ENGINEERING ASSOCIATES, INC., US  
[85] 2004-10-01  
[86] 2003-02-12 (PCT/US2003/004330)  
[87] 2003-08-21 (WO2003/068064)  
[30] US (60/356,302) 2002-02-12  
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[13] A1  
[51] **Int.Cl. 7G06F 1/20 7H05K 7/20**  
[25] EN  
[54] **HEAT DISSIPATION IN DEVICES THAT HAVE AN INTERNAL ENERGY SUPPLY**  
[54] **DISSIPATION THERMIQUE SUR DES APPAREILS COMPORTANT UNE SOURCE D'ENERGIE INTERNE**  
[72] STEFENER, MANFRED, DE  
[72] PREISSNER, MARCUS, DE  
[72] MUELLER, JENS, DE  
[71] SFC SMART FUEL CELL AG, DE  
[85] 2004-10-01  
[86] 2003-03-28 (PCT/EP2003/003371)  
[87] 2003-10-16 (WO2003/085500)  
[30] EP (02008034.7) 2002-04-10

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[13] A1  
[51] **Int.Cl. 7C10G 65/00 7C10G 65/02**  
[25] EN  
[54] **HYDROPROCESSING OF HYDROCARBON FEEDSTOCK**  
[54] **HYDROCRAQUAGE D'UNE CHARGE D'ALIMENTATION EN HYDROCARBURE**  
[72] VAARKAMP, MARIUS, US  
[72] DUIJNDAM, HUBERTUS ADRIANUS, NL  
[72] CHI, CHUNG-MING, US  
[71] ENGELHARD CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/NL2003/000260)  
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[30] EP (02076335.5) 2002-04-05

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[21] **2,481,116**  
[13] A1  
[51] **Int.Cl. 7G06F 13/00**  
[25] EN  
[54] **AUTHENTICATING AND USING DIGITAL OBJECTS**  
[54] **AUTHENTIFICATION ET UTILISATION D'OBJETS NUMERIQUES**  
[72] LYONS, PATRICE, US  
[72] KAHN, ROBERT E., US  
[71] CORPORATION FOR NATIONAL RESEARCH INITIATIVES, US  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/US2003/009961)  
[87] 2003-10-16 (WO2003/085532)  
[30] US (60/369,591) 2002-04-02

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[21] **2,481,118**  
[13] A1  
[51] **Int.Cl. 7G07D 7/00 7G07D 7/12 7G06K 7/12**  
[25] EN  
[54] **DEVICE FOR CHECKING SECURITY ELEMENTS**  
[54] **DISPOSITIF DE VERIFICATION DE CARACTERISTIQUES DE SECURITE**  
[72] DOSTMANN, ANDREAS, CH  
[72] GROB, JAKOB, CH  
[72] FRANKEN, KLAUS, CH  
[71] LANDQART, CH  
[85] 2004-10-01  
[86] 2003-03-25 (PCT/CH2003/000191)  
[87] 2003-10-16 (WO2003/085609)  
[30] CH (571/02) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7A61M 5/20**  
[25] EN  
[54] **TRANSCUTANEOUS FLUID DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION DE FLUIDE PAR VOIE TRANSCUTANEE**  
[72] WOOD, TIMOTHY, US  
[72] FLAHERTY, J., CHRISTOPHER, US  
[72] GARIBOTTO, JOHN, US  
[72] GORMAN, WILLIAM, US  
[72] GUTELIUS, PATRICK, US  
[71] INSULET CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-21 (PCT/US2003/012370)  
[87] 2003-11-06 (WO2003/090509)  
[30] US (10/128,206) 2002-04-23

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[21] **2,481,121**  
[13] A1  
[51] **Int.Cl. 7H01M 4/02 7H01M 6/14 7H01M 4/48 7H01M 4/58**  
[25] EN  
[54] **POSITIVE-ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY CELL AND PROCESS FOR PREPARING THE SAME**  
[54] **MATERIAU ACTIF D'ELECTRODE POSITIVE POUR CELLULE SECONDAIRE A ELECTROLYTE NON AQUEUX ET SON PROCEDE DE PREPARATION**  
[72] NITTA, KATSUHISA, JP  
[72] OESTEN, RUEDIGER, DE  
[72] SUZUKI, RYUTA, JP  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-10-01  
[86] 2003-02-26 (PCT/EP2003/001939)  
[87] 2003-10-16 (WO2003/085755)  
[30] JP (2002-103764) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7H01M 4/88 7B32B 31/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONVERTING A FUEL CELL MEMBRANE WEB TO PRECISELY POSITIONED MEMBRANE SHEETS**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE CONVERTIR UNE BANDE DE MEMBRANE DE PILE A COMBUSTIBLE EN UN JEU DE FEUILLES DE MEMBRANE POSITIONNEES AVEC PRECISION**  
[72] SCHUKAR, GARY W., US  
[72] MLINAR, JOHN R., US  
[72] SPICER, STEVEN M., US  
[72] SMITH, MARK H., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-01  
[86] 2003-02-11 (PCT/US2003/004264)  
[87] 2003-10-16 (WO2003/085759)  
[30] US (10/115,537) 2002-04-03

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[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **ADAPTER AS ALTERNATIVE TO FUEL CARTRIDGES**  
[54] **CARTOUCHE D'ADAPTATION POUVANT SERVIR DE CARTOUCHE DE COMBUSTIBLE**  
[72] STEFENER, MANFRED, DE  
[72] MUELLER, JENS, DE  
[71] SFC SMART FUEL CELL AG, DE  
[85] 2004-10-01  
[86] 2003-03-31 (PCT/EP2003/003342)  
[87] 2003-10-16 (WO2003/085766)  
[30] EP (02 008 035.4) 2002-04-10

[21] **2,481,127**  
[13] A1

[51] **Int.Cl. 7H04B 7/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSMIT POWER MODULATION IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE MODULER LA PUISSANCE D'EMISSION DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] WHEATLEY, CHARLES E., III, US  
[72] ATTAR, RASHID A., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-10-01  
[86] 2002-04-02 (PCT/US2002/010227)  
[87] 2003-10-16 (WO2003/085858)  
[30] US (10/113,283) 2002-04-01

[21] **2,481,130**  
[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **DISPENSER FOR PATIENT INFUSION DEVICE**  
[54] **DISTRIBUTEUR POUR DISPOSITIF DE PERFUSION DE PATIENT**  
[72] GREGORY, CHRISTOPHER CARTER, US  
[72] MARGICIN, JOHN MICHAEL, US  
[72] FLAHERTY, J. CHRISTOPHER, US  
[72] GARIBOTTO, JOHN T., US  
[72] O'MARA, DENNIS, US  
[72] MAHONEY, DEREK D., US  
[71] INSULET CORPORATION, US  
[85] 2004-10-01  
[86] 2003-03-31 (PCT/US2003/009606)  
[87] 2003-11-06 (WO2003/090819)  
[30] US (10/128,203) 2002-04-23

[21] **2,481,133**  
[13] A1

[51] **Int.Cl. 7C23C 18/42**  
[25] EN  
[54] **ACIDIC SOLUTION FOR SILVER DEPOSITION AND METHOD FOR SILVER LAYER DEPOSITION ON METAL SURFACES**  
[54] **SOLUTION ACIDE POUR LE DEPOT D'ARGENT ET PROCEDE DE DEPOT D'UNE COUCHE D'ARGENT SUR DES SURFACES METALLIQUES**  
[72] MAHLKOW, HARTMUT, DE  
[72] SPARING, CHRISTIAN, DE  
[71] ATOTECH DEUTSCHLAND GMBH, DE  
[85] 2004-10-01  
[86] 2003-05-27 (PCT/EP2003/005585)  
[87] 2003-12-18 (WO2003/104527)  
[30] DE (102 26 328.0) 2002-06-11

[21] **2,481,136**  
[13] A1

[51] **Int.Cl. 7D03D 1/00**  
[25] EN  
[54] **METHOD FOR PRODUCING SECURITY BELT BANDS**  
[54] **PROCEDE POUR REALISER DES SANGLES DE CEINTURES DE SECURITE**  
[72] BOSMAN, RIGOBERT LEON MARIA, NL  
[72] WIEGERINCK, MARCEL JOHANNES, NL  
[72] DOLL, ANDREAS, DE  
[71] DIOLEN INDUSTRIAL FIBERS GMBH, DE  
[85] 2004-10-01  
[86] 2003-04-15 (PCT/EP2003/003897)  
[87] 2003-11-06 (WO2003/091489)  
[30] DE (102 18 134.9) 2002-04-23

[21] **2,481,139**  
[13] A1

[51] **Int.Cl. 7C08F 220/12 7A61K 9/58**  
[25] EN  
[54] **NEW FILM COATING**  
[54] **PELLICULAGE NOUVEAU**  
[72] SCHANTZ, STAFFAN, SE  
[72] HJAERTSTAM, LARS JOHAN PONTUS DE VERDIER, SE  
[72] KARLSSON, OLA, SE  
[71] ASTRAZENECA AB, SE  
[85] 2004-10-01  
[86] 2003-04-09 (PCT/GB2003/001531)  
[87] 2003-10-23 (WO2003/087180)  
[30] SE (0201110-4) 2002-04-12

[21] **2,481,142**  
[13] A1

[51] **Int.Cl. 7A61P 19/10 7A61K 31/663**  
[25] EN  
[54] **BISPHOSPHONIC ACID FOR THE TREATMENT AND PREVENTION OF OSTEOPOROSIS**  
[54] **ACIDE BISPHOSPHONIQUE POUR LE TRAITEMENT ET LA PREVENTION DE L'OSTEOPOROSE**  
[72] BAUSS, FRIEDER, DE  
[72] TURLEY, STEPHEN, CH  
[72] PICHLER, BERNHARD, DE  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[85] 2004-10-01  
[86] 2003-05-02 (PCT/EP2003/004629)  
[87] 2003-11-20 (WO2003/095029)  
[30] EP (02010136.6) 2002-05-10

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[13] A1

[51] **Int.Cl. 7A61L 2/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DECONTAMINATING FLUIDS**  
[54] **PROCEDES ET APPAREIL DESTINES A DECONTAMINER DES FLUIDES**  
[72] PURDUM, HOWARD E., US  
[71] THROWLEIGH TECHNOLOGIES, L.L.C., US  
[85] 2004-10-04  
[86] 2002-04-12 (PCT/US2002/008260)  
[87] 2003-10-23 (WO2003/086479)

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[13] A1

[51] **Int.Cl. 7A61L 2/18**  
[25] EN  
[54] **CARTRIDGE HOLDER FOR AUTOMATED REPROCESSOR**  
[54] **PORTE CARPULE POUR UN SYSTEME DE DECONTAMINATION**  
[72] COULOMBE, SERGE, CA  
[72] HALSTEAD, ERIC, CA  
[71] STERIS INC., US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/US2003/010651)  
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[51] **Int.Cl. 7B01D 15/00 7B01D 17/00  
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[25] EN  
[54] **COMBINED HYDROTREATING  
PROCESS AND CONFIGURATIONS  
FOR SAME**  
[54] **PROCEDE**  
**D'HYDROTRAITEMENT COMBINE ET  
CONFIGURATIONS ASSOCIEES**  
[72] STUPIN, STEVEN W., US  
[72] JACOBS, GARRY E., US  
[71] FLUOR CORPORATION, US  
[85] 2004-10-04  
[86] 2002-04-05 (PCT/US2002/010559)  
[87] 2003-10-23 (WO2003/086567)

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[13] A1  
[51] **Int.Cl. 7A01N 43/46 7A24B 15/28**  
[25] EN  
[54] **TOBACCO HAVING REDUCED  
NICOTINE AND NITROSAMINES**  
[54] **TABAC PRESENTANT UNE  
TENEUR EN NICOTINE ET EN  
NITROSAMINES REDUITE**  
[72] CONKLING, MARK A., US  
[71] VECTOR TOBACCO LTD., BM  
[85] 2004-10-04  
[86] 2003-04-07 (PCT/US2003/010734)  
[87] 2003-10-23 (WO2003/086076)  
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[51] **Int.Cl. 7A61B 17/12 7A61B 17/42**  
[25] EN  
[54] **DOPPLER DIRECTED SUTURING  
AND COMPRESSION DEVICE AND  
METHOD**  
[54] **PROCEDE ET DISPOSITIF DE  
COMPRESSION ET DE SUTURE  
DIRIGEE DE TYPE DOPPLER**  
[72] BURBANK, FRED H., US  
[72] ALTIERI, GREIG E., US  
[72] SERRA, R. J., US  
[72] JONES, MICHAEL L., US  
[71] VASCULAR CONTROL SYSTEMS,  
INC., US  
[85] 2004-10-04  
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[51] **Int.Cl. 7C12Q 1/70 7C12N 9/00  
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[25] EN  
[54] **HEPATITIS C VIRUS ASSAY  
SYSTEMS**  
[54] **SYSTEMES DE DOSAGE DU VIRUS  
DE L'HEPATITE C**  
[72] MURRAY, EDWARD M., US  
[72] ZUCK, PAUL D., US  
[72] FLORES, OSVALDO A., US  
[72] GROBLER, JAY, US  
[71] MERCK & CO., INC., US  
[85] 2004-10-06  
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[87] 2003-10-30 (WO2003/089672)  
[30] US (60/372,847) 2002-04-16

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[51] **Int.Cl. 7H04Q 7/00 7H04B 7/216**  
[25] EN  
[54] **INTER-FREQUENCY  
MEASUREMENTS WITH MIMO  
TERMINALS**  
[54] **MESURES D'INTER-  
FREQUENCES AVEC TERMINAUX  
MIMO**  
[72] HOLMA, HARRI, US  
[72] TOSKALA, ANTTI, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-10-01  
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[87] 2003-10-09 (WO2003/084253)  
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7A61K 31/4402 7A61K 31/4409 7A61K 31/  
443 7C07D 213/56 7C07D 213/57 7C07D  
213/59 7C07D 213/61 7C07D 213/65  
7C07D 213/80**  
[25] EN  
[54] **PHOSPHODIESTERASE IV  
INHIBITOR CONTAINING  
PYRIDYLACRYLAMIDE DERIVATIVE**  
[54] **INHIBITEUR DE  
PHOSPHODIESTERASE IV  
CONTENANT UN DERIVE DE  
PYRIDYLACRYLAMIDE**  
[72] SASAKI, TOSHINOBU, JP  
[72] HASEGAWA, YOSHIHIRO, JP  
[72] OBATA, TATSUHIRO, JP  
[72] HATTORI, TOMOHISA, JP  
[71] TSUMARA & CO., JP  
[85] 2004-10-01  
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[87] 2003-10-23 (WO2003/086396)  
[30] JP (2002-99491) 2002-04-02

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[51] **Int.Cl. 7A61K 31/42 7A61P 37/06  
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[25] EN  
[54] **MEDICAMENT FOR PREVENTING  
AND/OR TREATING CHRONIC  
REJECTION**  
[54] **MEDICAMENT DESTINE A  
PREVENIR ET/OU A TRAITER LE  
REJET CHRONIQUE**  
[72] ERICKSON, LAURIE, US  
[72] EBBS, AARON, US  
[72] PAN, FAN, US  
[72] WYNN, CARMEN, US  
[72] JIANG, HONGSI, US  
[72] KOBAYASHI, MASAKAZU, US  
[71] FUJISAWA PHARMACEUTICAL  
CO., LTD., JP  
[85] 2004-10-01  
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[87] 2003-10-23 (WO2003/086391)  
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[13] A1  
[51] **Int.Cl. 7C10G 53/02 7C10G 31/08**  
[25] EN  
[54] **IMPROVEMENTS IN OIL  
DESALTING BY FORMING UNSTABLE  
WATER-IN-OIL EMULSIONS**  
[54] **AMELIORATIONS DU  
DESSALAGE DU PETROLE PAR  
FORMATION D'EMULSIONS EAU  
DANS HUILE INSTABLES**  
[72] VARADARAJ, RAMESH, US  
[71] EXXONMOBIL RESEARCH AND  
ENGINEERING COMPANY, US  
[85] 2004-10-01  
[86] 2003-04-04 (PCT/US2003/010438)  
[87] 2003-10-23 (WO2003/087263)  
[30] US (60/371,211) 2002-04-09  
[30] US (10/391,434) 2003-03-18

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[13] A1  
[51] **Int.Cl. 7A61K 31/495 7A61P 9/06**  
[25] EN  
[54] **USE OF RANOLAZINE FOR THE  
PREPARATION OF A MEDICAMENT  
FOR THE TREATMENT OF  
ARRHYTHMIAS**  
[54] **UTILISATION DE RANOLAZINE  
POUR LA PREPARATION D'UN  
MEDICAMENT PERMETTANT DE  
TRAITER LES ARYTHMIES**  
[72] BELARDINELLI, LUIZ, US  
[72] ANTZELEVITCH, CHARLES, US  
[72] BLACKBURN, BRENT, US  
[71] CV THERAPEUTICS, INC., US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/US2003/010434)  
[87] 2003-10-23 (WO2003/086401)  
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[51] **Int.Cl. 7A61F 13/00 7A61K 9/70**  
[25] EN  
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[54] **SURFACES ANTIMICROBIENNES**  
[72] FINCHER, KARIN MELKONIAN, US  
[72] COHEN, JAIMELE IOLANI, US  
[72] ENGEL, ROBERT, US  
[71] RESEARCH FOUNDATION OF THE  
CITY UNIVERSITY OF NEW YORK, US  
[71] LONG ISLAND UNIVERSITY, US  
[71] PACE UNIVERSITY, US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/US2003/010419)  
[87] 2003-10-23 (WO2003/086477)  
[30] US (10/117,311) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7B01D 33/03 7B07B 1/46**  
[25] EN  
[54] **A METHOD OF SEPARATING  
LIQUID FROM LIQUID LADEN SOLID  
MATERIAL**  
[54] **PROCEDE DE SEPARATION DE  
LIQUIDE D'UNE MATIERE SOLIDE  
CHARGE DE LIQUIDE**  
[72] MATHIS, OSCAR L., US  
[72] CASEY, DWIGHT P., US  
[72] IMES, TOBIN L., US  
[71] GENERAL KINEMATICS  
CORPORATION, US  
[85] 2004-10-04  
[86] 2003-04-11 (PCT/US2003/011042)  
[87] 2003-10-23 (WO2003/086578)  
[30] US (10/121,097) 2002-04-11

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[13] A1  
[51] **Int.Cl. 7C07F 5/02 7C07F 9/54**  
[25] EN  
[54] **FUNCTIONALIZED IONIC  
LIQUIDS, AND METHODS OF USE  
THEREOF**  
[54] **LIQUIDES IONIQUES  
FONCTIONNALISES ET LEURS  
PROCEDES D'UTILISATION**  
[72] DAVIS, JAMES H., JR., US  
[71] UNIVERSITY OF SOUTH  
ALABAMA, US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/US2003/010318)  
[87] 2003-10-23 (WO2003/086605)  
[30] US (60/370,130) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7B03B 5/26**  
[25] EN  
[54] **ELUTRIATED SLUICE**  
[54] **VANNE ELUTRIEE**  
[72] KELSEY, CHRISTOPHER GEORGE,  
AU  
[71] EVANS DEAKIN PTY LIMITED, AU  
[85] 2004-10-04  
[86] 2003-04-14 (PCT/AU2003/000445)  
[87] 2003-10-23 (WO2003/086635)  
[30] AU (PS 1728) 2002-04-12

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[13] A1  
[51] **Int.Cl. 7E04C 1/00**  
[25] EN  
[54] **SNAP PANEL DISPLAY UNIT**  
[54] **UNITE D'AFFICHAGE A  
PANNEAUX A RESSORTS**  
[72] SARKISYAN, SARO, US  
[72] KOUTRAS, TIM, US  
[72] KOUTRAS, TIM, US  
[72] EDMUNDS, PAUL, US  
[72] BADANGIZ, VERAM, US  
[72] BADANGIZ, VERAM, US  
[72] EDMUNDS, PAUL, US  
[72] SARKISYAN, SARO, US  
[71] KOUTRAS, TIM, US  
[71] BADANGIZ, VERAM, US  
[71] EDMUNDS, PAUL, US  
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[13] A1  
[51] **Int.Cl. 7F17C 5/00 7F17C 13/00**  
[25] FR  
[54] **DISPOSITIF DE FOURNITURE DE  
GAZ COMPRENANT UNE CAPACITE  
PORTABLE ET UNE BASE DE  
RECHARGEMENT**  
[54] **GAS SUPPLY DEVICE  
COMPRISING A PORTABLE  
CONTAINER AND A RECHARGING  
BASE**  
[72] LECOUFFE, JEAN-FRANCOIS, FR  
[72] CANTACUZENE, SERBAN, FR  
[71] L'AIR LIQUIDE, SOCIETE  
ANONYME A DIRECTOIRE ET CONSEIL  
DE SURVEILLANCE POUR L'ETUDE ET  
L'EXPLOITATION DES PROCEDES  
GEORGES CLAUDE, FR  
[85] 2004-10-04  
[86] 2003-04-07 (PCT/FR2003/001089)  
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[25] EN  
[54] **METHOD FOR PRODUCING ETHERS, ESTERS OR ACID ANHYDRIDES**  
[54] **PROCEDE DE PRODUCTION D'ETHERS, D'ESTERS ET D'ANHYDRIDES D'ACIDE**  
[72] FRANKE, DIRK, DE  
[72] BOGENSTAETTER, THOMAS, DE  
[72] KLOPP, INGO, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-10-04  
[86] 2003-04-14 (PCT/EP2003/003867)  
[87] 2003-10-23 (WO2003/087025)  
[30] DE (102 16 638.2) 2002-04-15

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[13] A1  
[51] **Int.Cl. 7A61K 31/497 7C07D 401/14**  
[25] EN  
[54] **INHIBITORS OF AKT ACTIVITY**  
[54] **INHIBITEURS DE L'ACTIVITE DE AKT**  
[72] ZHAO, ZHIJIAN, US  
[72] LINDSLEY, CRAIG W., US  
[72] DUGGAN, MARK E., US  
[71] MERCK & CO., INC., US  
[85] 2004-10-05  
[86] 2003-04-04 (PCT/US2003/010342)  
[87] 2003-10-23 (WO2003/086279)  
[30] US (60/370,842) 2002-04-08

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[13] A1  
[51] **Int.Cl. 7A61K 31/498 7C07D 487/04**  
[25] EN  
[54] **FUSED QUINOXALINE DERIVATIVES AS INHIBITORS OF AKT ACTIVITY**  
[54] **DERIVES DE QUINOLAXINE FUSIONNEE COMME INHIBITEURS DE L'ACTIVITE D'AKT**  
[72] ZHAO, ZHIJIAN, US  
[72] LINDSLEY, CRAIG W., US  
[71] MERCK & CO., INC., US  
[85] 2004-10-05  
[86] 2003-04-04 (PCT/US2003/010447)  
[87] 2003-10-23 (WO2003/086404)  
[30] US (60/370,833) 2002-04-08  
[30] US (60/417,411) 2002-10-09

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[51] **Int.Cl. 7B65D 81/36 7A45C 9/00 7A47G 11/00 7A45F 4/02 7B65D 30/08 7B65D 30/10**  
[25] EN  
[54] **BAG WHICH CAN BE TRANSFORMED INTO A TABLECLOTH**  
[54] **SAC TRANSFORMABLE EN NAPPE**  
[72] SEIDLER, LAURENCE WILLIAM, ES  
[71] ADVENT GLOBAL, S.L., ES  
[85] 2004-10-04  
[86] 2003-01-30 (PCT/ES2003/000052)  
[87] 2003-10-09 (WO2003/082706)  
[30] ES (U200200828) 2002-04-03  
[30] ES (U200203069) 2002-12-23

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[13] A1  
[51] **Int.Cl. 7G01B 11/24 7G06K 9/00 7G06K 9/30 7G06K 9/36**  
[25] EN  
[54] **COMPACT OPTICAL CONTOUR DIGITIZER**  
[54] **NUMERISEUR DE CONTOURS, OPTIQUE, COMPACT**  
[72] DAVIS, JEFF, US  
[72] SUNDMAN, ARJEN, US  
[71] AMFIT, INC., US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/US2003/010405)  
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[30] US (60/369,895) 2002-04-04  
[30] US (60/387,938) 2002-06-12

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[13] A1  
[51] **Int.Cl. 7C07C 59/70 7A61P 3/06 7C07D 261/08 7C07D 209/10 7A61P 9/10 7C07D 405/12 7C07D 413/12 7C07C 323/19 7A61K 31/19 7C07D 213/20 7C07C 317/22 7C07D 213/32 7C07D 311/58**  
[25] EN  
[54] **COMPOUNDS THAT MODULATE PPAR ACTIVITY AND METHODS FOR THEIR PREPARATION**  
[54] **COMPOSES MODULANT L'ACTIVITE PPAR ET LEURS PROCEDES DE PREPARATION**  
[72] UNANGST, PAUL CHARLES, US  
[72] BRATTON, LARRY DON, US  
[72] GEYER, ANDREW GEORGE, US  
[72] AUERBACH, BRUCE JEFFREY, US  
[72] FILZEN, GARY FREDERICK, US  
[72] TRIVEDI, BHARAT KALIDAS, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2004-10-04  
[86] 2003-03-24 (PCT/IB2003/001121)  
[87] 2003-10-16 (WO2003/084916)  
[30] US (60/370,508) 2002-04-05  
[30] US (60/386,026) 2002-06-05

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[13] A1  
[51] **Int.Cl. 7F27D 7/06**  
[25] EN  
[54] **INDUCTION FURNACE FOR HIGH TEMPERATURE OPERATION**  
[54] **FOUR A INDUCTION POUR UN FONCTIONNEMENT A TEMPERATURE ELEVEE**  
[72] STRONG, STEPHEN L., US  
[72] SHAO, RICHARD L., US  
[72] THOMAN, THOMAS R., US  
[72] MILLER, DOUGLAS J., US  
[72] RUOFF, WERNER H., US  
[72] INTERMILL, ALLAN W., US  
[71] UCAR CARBON COMPANY INC., US  
[85] 2004-10-04  
[86] 2003-04-03 (PCT/US2003/010416)  
[87] 2003-10-23 (WO2003/087689)  
[30] US (10/115,694) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7G11B 20/14 7G11B 20/10**  
[25] EN  
[54] **DATA RECORDING METHOD AND DEVICE, DATA RECORDING MEDIUM, DATA REPRODUCTION METHOD AND DEVICE**  
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT DE DONNEES, SUPPORT D'ENREGISTREMENT DE DONNEES ET PROCEDE ET DISPOSITIF DE REPRODUCTION DE DONNEES**  
[72] KIHARA, TAKASHI, JP  
[72] SAKO, YOICHIRO, JP  
[72] INOKUCHI, TATSUYA, JP  
[71] SONY CORPORATION, JP  
[85] 2004-10-01  
[86] 2004-01-29 (PCT/JP2004/000868)  
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[30] JP (2003-031902) 2003-02-10  
[30] JP (2003-093401) 2003-03-31

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[13] A1  
[51] **Int.Cl. 7D04H 3/04 7B05C 1/08 7B29C 70/08 7D04H 3/12**  
[25] EN  
[54] **THERMO-ADHESIVE MESH**  
[54] **GRILLE THERMO-ADHESIVE**  
[72] GAUTREAU, THIERRY, FR  
[71] CHAVANOZ INDUSTRIE, FR  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/FR2003/001047)  
[87] 2003-10-09 (WO2003/083198)  
[30] FR (02/04185) 2002-04-03

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[13] A1  
[51] **Int.Cl. 7G07C 9/00 7H04N 13/00**  
[25] EN  
[54] **TAILGATING AND REVERSE ENTRY DETECTION, ALARM, RECORDING AND PREVENTION USING MACHINE VISION**  
[54] **DETECTION D'ACCES A CALIFOURCHON ET D'ECRITURE CONTREPASSEE, ALARME, ENREGISTREMENT ET PREVENTION UTILISANT UNE VISION ARTIFICIELLE**  
[72] BRAMBLET, JOHN WESTLEY, US  
[72] LAFORGE, SETH MICHAEL, US  
[72] WITTY, CARL ROGER, US  
[71] NEWTON SECURITY, INC., US  
[85] 2004-10-04  
[86] 2003-04-08 (PCT/US2003/011216)  
[87] 2003-10-23 (WO2003/088157)  
[30] US (60/370,837) 2002-04-08

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[13] A1  
[51] **Int.Cl. 7H01B 13/02**  
[25] EN  
[54] **APPARATUS FOR AND METHOD OF MANUFACTURING COMPACTED CABLES BY USE OF RIGID CAGE STRANDERS**  
[54] **APPAREIL ET PROCEDE DE FABRICATION DE CABLES COMPACTES A L'AIDE D'UNE TORONNEUSE A CAGE RIGIDE**  
[72] WHITE, PAUL, CA  
[72] BLACKMORE, ANDREW, CA  
[71] ROTEQ MACHINERY, INC., CA  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/CA2003/000515)  
[87] 2003-10-23 (WO2003/088275)  
[30] US (10/117,594) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7C12N 5/00**  
[25] EN  
[54] **EMBRYO MODIFICATION AND IMPLANTATION**  
[54] **MODIFICATION ET IMPLANTATION D'EMBRYON**  
[72] BLAKE, DEBORAH ADELLA, NZ  
[72] CARTER, NICOLA LEWELL, NZ  
[72] HENRY, STEPHEN MICHAEL, NZ  
[71] KIWI INGENUITY LIMITED, NZ  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/NZ2003/000059)  
[87] 2003-10-23 (WO2003/087346)  
[30] NZ (518163) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7A61K 31/422 7C07D 413/06 7A61P 3/10**  
[25] EN  
[54] **ANTIDIABETIC AGENTS**  
[54] **AGENTS ANTIDIABETIQUES**  
[72] BIGGE, CHRISTOPHER FRANKLIN, US  
[72] SCHAUM, ROBERT PHILIPP, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2004-10-01  
[86] 2003-03-25 (PCT/IB2003/001131)  
[87] 2003-10-09 (WO2003/082276)  
[30] US (60/369,787) 2002-04-03

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[21] **2,481,260**  
[13] A1  
[51] **Int.Cl. 7H01L 21/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONDITIONING SEMICONDUCTOR WAFERS AND/OR HYBRIDS**  
[54] **PROCEDE ET DISPOSITIF POUR CONDITIONNER DES PLAQUETTES SEMI-CONDUCTRICES ET/OU DES HYBRIDES**  
[72] REITINGER, ERICH, DE  
[71] ERS ELECTRONIC GMBH, DE  
[85] 2004-10-04  
[86] 2003-04-15 (PCT/EP2003/003937)  
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[13] A1

[51] **Int.Cl. 7C07F 9/40 7C07F 9/02 7C07F 9/38**  
[25] EN  
[54] **CELLULAR ACCUMULATION OF PHOSPHONATE ANALOGS OF HIV PROTEASE INHIBITOR COMPOUNDS AND THE COMPOUNDS AS SUCH**  
[54] **ACCUMULATION CELLULAIRE D'ANALOGUES DE PHOSPHONATE DE COMPOSES INHIBITEURS DE LA PROTEASE DU VIH**  
[72] YU, RICHARD H., US  
[72] MITCHELL, MICHAEL L., US  
[72] CHEN, JAMES M., US  
[72] LEE, WILLIAM A., US  
[72] SWAMINATHAN, SUNDARAMOORTHY, US  
[72] WANG, JIANYING, US  
[72] PYUN, HYUNG-JUNG, US  
[72] CHEN, XIAOWU, US  
[72] BRYANT, CLIFFORD, US  
[72] KIM, CHOUNG U., US  
[72] NELSON, PETER H., US  
[72] ZHANG, JIANCUN, US  
[72] DASTGAH, AZAR, US  
[72] BECKER, MARK M., US  
[72] ZHANG, LIJUN, US  
[72] FARDIS, MARIA, US  
[72] TARIO, JAMES D., US  
[72] MACKMAN, RICHARD L., US  
[72] LIU, HONGTAO, US  
[72] JIN, HAOLUN, US  
[72] LIN, KUEI-YING, US  
[72] LEE, CHRISTOPHER P., US  
[72] HE, GONG-XIN, US  
[72] ROWE, TANISHA D., US  
[72] ARIMILLI, MURTY N., US  
[72] SPARACINO, MARK, US  
[72] XU, LIANHONG, US  
[72] WILLIAMS, MATTHEW A., US  
[72] YANG, ZHENG-YU, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2004-09-30  
[86] 2003-04-25 (PCT/US2003/012901)  
[87] 2003-11-06 (WO2003/090690)  
[30] US (60/375,665) 2002-04-26  
[30] US (60/375,834) 2002-04-26  
[30] US (60/375,779) 2002-04-26  
[30] US (60/375,622) 2002-04-26  
[30] US (60/375,665(CON)) 2002-04-26  
[30] US (60/375,934(CON)) 2002-04-26  
[30] US (60/375,779(CON)) 2002-04-26  
[30] US (60/375,622(CON)) 2002-04-26

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[13] A1

[51] **Int.Cl. 7H02P 3/14 7H02P 3/18**  
[25] EN  
[54] **REGENERATIVE BRAKING SYSTEM FOR AN ELECTRIC VEHICLE**  
[54] **SYSTEME DE FREINAGE PAR RECUPERATION POUR VEHICULE ELECTRIQUE**  
[72] HUGHES, PETER S., US  
[71] VECTRIX CORPORATION, US  
[85] 2004-10-01  
[86] 2003-03-06 (PCT/US2003/006561)  
[87] 2003-09-25 (WO2003/078199)  
[30] US (10/093,717) 2002-03-11

[21] **2,481,269**  
[13] A1

[51] **Int.Cl. 7A61K 9/16 7A61K 31/7048**  
[25] EN  
[54] **TASTE MASKED COMPOSITIONS OF ERYTHROMYCIN A AND DERIVATIVES THEREOF**  
[54] **COMPOSITIONS A GOUT MASQUE D'ERYTHROMYCINE A ET DERIVES DE CES COMPOSITIONS**  
[72] DABRE, RAHUL, IN  
[72] NAGAPRASAD, VISHNUBHOTLA, IN  
[72] MALIK, RAJIV, IN  
[71] RANBAXY LABORATORIES LIMITED, IN  
[85] 2004-09-30  
[86] 2003-04-03 (PCT/IB2003/001221)  
[87] 2003-10-09 (WO2003/082248)  
[30] IN (426/DEL/2002) 2002-04-03

[21] **2,481,270**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20**  
[25] EN  
[54] **SYSTEM FOR EFFICIENT RECOVERY OF NODE B BUFFERED DATA FOLLOWING SERVING HIGH SPEED DOWNLINK SHARED CHANNEL CELL CHANGE**  
[54] **SYSTEME DE RECUPERATION EFFICACE DE DONNEES MISES EN TAMPON DE NOEUD B APRES EXECUTION D'UN CHANGEMENT DE CELLULE POUR UN CANAL PARTAGE EN LIAISON DESCENDANTE GRANDE VITESSE**  
[72] CHAO, YI-JU, US  
[72] TERRY, STEPHEN E., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/US2003/010037)  
[87] 2003-10-23 (WO2003/087978)  
[30] US (60/370,740) 2002-04-05  
[30] US (10/334,489) 2002-12-30

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[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/14**  
[25] EN  
[54] **CLARITHROMYCIN FORMULATIONS HAVING IMPROVED BIOAVAILABILITY**  
[54] **FORMULATIONS DE CLARITHROMYCINE DOTEES D'UNE BIODISPONIBILITE AMELIOREE**  
[72] RAGHUVANSHI, RAJEEV S., IN  
[72] PARUTHI, MANOJ KUMAR, IN  
[72] RAMPAL, ASHOK, IN  
[71] RANBAXY LABORATORIES LIMITED, IN  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/IB2003/001223)  
[87] 2003-10-09 (WO2003/082241)  
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[13] A1  
[51] **Int.Cl. 7D21H 17/68 7D21H 21/10**  
[25] EN  
[54] **METHOD FOR PRODUCING PAPER AND AGENT FOR IMPROVING YIELD**  
[54] **PROCEDE DE PRODUCTION DE PAPIER ET AGENT POUR AMELIORER LE RENDEMENT D'UN TEL PROCEDE**  
[72] KOSUGA, MASANORI, JP  
[72] KOGA, YOSHIAKI, JP  
[72] OGAWA, MASATOMI, JP  
[71] SEIKO PMC CORPORATION, JP  
[71] TOKUYAMA CORPORATION, JP  
[85] 2004-10-01  
[86] 2003-03-31 (PCT/JP2003/004095)  
[87] 2003-10-09 (WO2003/083212)  
[30] JP (2002-101857) 2002-04-03

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[13] A1  
[51] **Int.Cl. 7C07F 9/38 7C07F 9/40 7A61K 31/4155**  
[25] EN  
[54] **NON NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS**  
[54] **INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE**  
[72] LEE, CHRISTOPHER P., US  
[72] TARIO, JAMES D., US  
[72] LEE, WILLIAM A., US  
[72] CHEN, JAMES M., US  
[72] XU, LIANHONG, US  
[72] CHEN, XIAOWU, US  
[72] NELSON, PETER H., US  
[72] KIM, CHOUNG U., US  
[71] GILEAD SCIENCES, INC., US  
[85] 2004-09-30  
[86] 2003-04-25 (PCT/US2003/012926)  
[87] 2003-11-06 (WO2003/091264)  
[30] US (60/375,665) 2002-04-26  
[30] US (60/375,834) 2002-04-26  
[30] US (60/375,779) 2002-04-26  
[30] US (60/375,622) 2002-04-26  
[30] US (60/375,665(CON)) 2002-04-26  
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[30] US (60/375,779(CON)) 2002-04-26  
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[13] A1  
[51] **Int.Cl. 7A21D 8/04 7C12N 9/56**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR THE PREVENTION OR RETARDING OF STALING**  
[54] **PROCEDE ET COMPOSITION POUR LA PREVENTION OU L'EMPECHEMENT DU RASSISSEMENT ET DE SES EFFETS LORS DU PROCESSUS DE CUISSON DE PRODUITS DE BOULANGERIE**  
[72] VEKEMANS, NICOLE, BE  
[72] ARNAUT, FILIP, BE  
[72] VERTE, FABIENNE, BE  
[71] PURATOS, NAAMLOZE VENNOOTSCHAP, BE  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/BE2003/000062)  
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[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DISCOVERING EVOLUTIONARY CHANGES WITHIN A SYSTEM**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DECELER DES EVOLUTIONS AU SEIN D'UN SYSTEME**  
[72] PAO, YOH-HAN, US  
[72] HUDDLESTON, DAVID EUGENE, US  
[72] CASS, RONALD, US  
[72] POLYAK, ELLA, US  
[72] CRYER, PETER, CA  
[72] GAROFALO, CHARLES EDWARD, US  
[72] YANG, QIAN, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2004-10-01  
[86] 2002-07-18 (PCT/US2002/022977)  
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[30] US (60/374,041) 2002-04-19

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[13] A1  
[51] **Int.Cl. 7G06F 9/445 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING A COMPUTER SYSTEM**  
[54] **PROCEDE ET SYSTEME DE GESTION D'UN SYSTEME INFORMATIQUE**  
[72] BARTHAM, PHILLIP, GB  
[72] SKOOG, JOHAN, SE  
[72] ZALEWSKI, ANDRZEJ, SE  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2004-10-01  
[86] 2003-04-17 (PCT/US2003/012133)  
[87] 2003-10-30 (WO2003/090075)  
[30] US (60/374,228) 2002-04-19

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[13] A1  
[51] **Int.Cl. 7H01J 49/42**  
[25] EN  
[54] **FRAGMENTATION OF IONS BY RESONANT EXCITATION IN A LOW PRESSURE ION TRAP**  
[54] **FRAGMENTATION DES IONS PAR EXCITATION RESONANTE DANS UN PIEGE A IONS BASSE PRESSION**  
[72] LONDREY, FRANK, CA  
[72] COLLINGS, BRUCE A., CA  
[72] STOTT, WILLIAM R., CA  
[71] MDS INC., DOING BUSINESS AS MDS SCIEX, CA  
[85] 2004-10-01  
[86] 2003-04-02 (PCT/CA2003/000478)  
[87] 2003-10-23 (WO2003/088306)  
[30] US (60/370,205) 2002-04-05  
[30] US (10/310,000) 2002-12-04

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **ASSOCIATION OF EDG5 POLYMORPHISM V286A WITH TYPE II DIABETES MELLITUS AND VENOUS THROMBOSIS/PULMONARY EMBOLISM AND THE USE THEREOF**  
[54] **ASSOCIATION DU POLYMORPHISME V286A DE L'EDG5 AVEC LES DIABETES SUCRES TYPE II ET LA THROMBOSE VEINEUSE/L'EMBOLIE PULMONAIRE ET UTILISATION ASSOCIEE**  
[72] RICARD, SYLVAIN, FR  
[72] SIEGLER, KARL-ERNST, DE  
[72] MACE, SANDRINE, FR  
[72] JACOBS, MARTINA, DE  
[72] DELEUZE, JEAN-FRANCOIS, FR  
[72] KOZIAN, DETLEF, DE  
[72] KOSTENIS, EVI, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2004-10-01  
[86] 2003-04-07 (PCT/EP2003/003569)  
[87] 2003-10-16 (WO2003/085130)  
[30] EP (02007879.6) 2002-04-09

[21] **2,481,301**  
[13] A1

[51] **Int.Cl. 7G03F 7/00 7G03F 7/032 7G03F 7/033 7G03F 7/038 7G03F 7/075**  
[25] EN  
[54] **PHOTOCURABLE COMPOSITIONS CONTAINING REACTIVE PARTICLES**  
[54] **COMPOSITIONS PHOTODURCISSABLES CONTENANT DES PARTICULES REACTIVES**  
[72] JOHNSON, DAVID LANHAM, US  
[72] FONG, JOHN WAI, US  
[71] HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH, CH  
[85] 2004-10-01  
[86] 2003-04-18 (PCT/EP2003/004231)  
[87] 2003-10-30 (WO2003/089991)  
[30] US (10/125,508) 2002-04-19

[21] **2,481,303**  
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61F 2/01**  
[25] EN  
[54] **INTRAVASCULAR FLOW MODIFIER AND REINFORCEMENT DEVICE WITH CONNECTED SEGMENTS**  
[54] **MODIFICATEUR D'ECOULEMENT INTRAVASCULAIRE ET DISPOSITIF DE RENFORCEMENT A SEGMENTS DE RACCORDEMENT**  
[72] LEOPOLD, ERIC W., US  
[72] DENARDO, ANDREW J., US  
[71] MICRUS CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-08 (PCT/US2003/010460)  
[87] 2003-10-23 (WO2003/086239)  
[30] US (10/122,257) 2002-04-12

[21] **2,481,305**  
[13] A1

[51] **Int.Cl. 7C10G 70/04**  
[25] EN  
[54] **A PROCESS FOR THE REMOVAL OF ARSINE FROM A HYDROCARBON STREAM WITH AN ADSORBENT**  
[54] **PROCEDE D'ELIMINATION D'ARSINE CONTENUE DANS UNE VAPEUR D'HYDROCARBURES AU MOYEN D'UN ADSORBENT**  
[72] POSTMA, LEONARDUS HUBERTUS, NL  
[72] CORVERS, ANTONIUS, NL  
[71] SABIC HYDROCARBONS B.V., NL  
[85] 2004-09-30  
[86] 2003-03-28 (PCT/NL2003/000241)  
[87] 2003-10-09 (WO2003/083015)  
[30] NL (1020296) 2002-04-03

[21] **2,481,306**  
[13] A1

[51] **Int.Cl. 7A61K 31/724 7C08B 37/16 7A61K 31/715**  
[25] EN  
[54] **METASTASIS MODULATING ACTIVITY OF HIGHLY SULFATED OLIGOSACCHARIDES**  
[54] **ACTIVITE DE MODULATION DE METASTASE D'OLIGOSACCHARIDES HAUTEMENT SULFATES**  
[72] YU, XIANZHANG, US  
[72] WAGNER, THOMAS E., US  
[71] GREENVILLE HOSPITAL SYSTEM, US  
[85] 2004-10-01  
[86] 2003-04-08 (PCT/US2003/010624)  
[87] 2003-10-23 (WO2003/086283)  
[30] US (60/370,730) 2002-04-09

[21] **2,481,309**  
[13] A1

[51] **Int.Cl. 7A61K 31/56**  
[25] EN  
[54] **METHOD OF HORMONAL THERAPY**  
[54] **PROCEDE DE TRAITEMENT HORMONAL**  
[72] WALDON, FORREST R., US  
[72] LEONARD, THOMAS W., US  
[71] BARR LABORATORIES, INC., US  
[85] 2004-10-01  
[86] 2003-01-31 (PCT/US2003/002871)  
[87] 2003-10-16 (WO2003/084546)  
[30] US (60/369,635) 2002-04-03  
[30] US (10/268,008) 2002-10-09

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[13] A1

[51] **Int.Cl. 7C07D 471/06 7C07D 243/00 7A61P 25/00 7A61K 31/551**  
[25] EN  
[54] **-1,4-DIAZEPINO-6,7,1-IJ|QUINOLINE DERIVATIVES AS ANTI PSYCHOTIC AND ANTI OBESITY AGENTS**  
[54] **DERIVES DE -1,4-DIAZEPINO-6,7,1-IJ|QUINOLINE EN TANT QU'AGENTS ANTIPSYCHOTIQUES ET CONTRE L'OBESITE**  
[72] RAMAMOORTHY, SIVARAMAKRISHNAN P., US  
[71] WYETH, US  
[85] 2004-10-04  
[86] 2003-04-24 (PCT/US2003/012747)  
[87] 2003-11-06 (WO2003/091250)  
[30] US (60/375,592) 2002-04-25

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[13] A1

[51] **Int.Cl. 7C07D 487/06 7C07D 491/16 7C07D 495/16 7A61P 25/18 7A61K 31/395**  
[25] EN  
[54] **-1,4-DIAZOCINO-7,8,1-HI|INDOLE DERIVATIVES AS ANTIPSYCHOTIC AND ANTI OBESITY AGENTS**  
[54] **DERIVES DE -1,4-DIAZOCINO-7,8,1-HI|INDOLE EN TANT QU'AGENTS ANTIPSYCHOTIQUES ET ANTI-OBESITE**  
[72] SABB, ANNMARIE LOUISE, US  
[72] STACK, GARY PAUL, US  
[72] GAO, HONG, US  
[71] WYETH, US  
[85] 2004-10-04  
[86] 2003-04-23 (PCT/US2003/012691)  
[87] 2003-11-06 (WO2003/091257)  
[30] US (60/375,349) 2002-04-25

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[13] A1  
[51] **Int.Cl. 7A61K 38/00 7C07H 21/04  
7G01N 33/566 7C12N 15/64 7G01N 21/64  
7C12N 15/65**  
[25] EN  
[54] **MONOMERIC AND DIMERIC  
FLUORESCENT PROTEIN VARIANTS  
AND METHODS FOR MAKING SAME**  
[54] **VARIANTS PROTEIQUES  
FLUORESCENTS MONOMERES ET  
DIMERES ET LEURS PROCEDES DE  
FABRICATION**  
[72] TSIEN, ROGER Y., US  
[72] CAMPBELL, ROBERT E., US  
[72] BAIRD, GEOFFREY S., US  
[71] THE UNIVERSITY OF CALIFORNIA,  
US  
[85] 2004-10-06  
[86] 2003-04-09 (PCT/US2003/010879)  
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[30] US (10/121,258) 2002-04-10  
[30] US (10/209,208) 2002-07-29

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[13] A1  
[51] **Int.Cl. 7E04F 15/04**  
[25] EN  
[54] **MECHANICAL LOCKING SYSTEM  
FOR FLOORBOARDS**  
[54] **SYSTEME DE BLOCAGE  
MECANIQUE POUR PLANCHER  
FLOTTANT**  
[72] PERVAN, DARKO, SE  
[71] VAELINGE INNOVATION AB, SE  
[85] 2004-09-30  
[86] 2003-03-31 (PCT/SE2003/000514)  
[87] 2003-10-09 (WO2003/083234)  
[30] SE (0201009-8) 2002-04-03  
[30] SE (0300271-4) 2003-01-31

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[13] A1  
[51] **Int.Cl. 7C22B 15/00 7C22B 7/02  
7C22B 3/08 7C22B 1/11**  
[25] EN  
[54] **PROCESS FOR THE TREATMENT  
OR REMOVAL OF IMPURITIES IN A  
HYDROMETALLURGICAL  
EXTRACTION PROCESS**  
[54] **PROCEDE DE TRAITEMENT OU  
D'ELIMINATION D'IMPURETES PAR  
EXTRACTION METALLURGIQUE**  
[72] JONES, DAVID L., CA  
[71] COMINCO ENGINEERING  
SERVICES LTD., CA  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/CA2003/000488)  
[87] 2003-10-30 (WO2003/089677)  
[30] US (10/122,346) 2002-04-16

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[13] A1  
[51] **Int.Cl. 7B24B 27/04 7B24B 3/33**  
[25] EN  
[54] **GRINDING APPARATUS FOR  
BUTTONS ON ROCK DRILL BIT**  
[54] **APPAREIL DE MEULAGE DE  
BOUTONS PRESENTS SUR LE TREPAN  
DE FORAGE DE ROCHE**  
[72] SJOLANDER, BO THOMAS, CA  
[72] SJOLANDER, ROBERT, CA  
[72] SJOLANDER, BJORN, CA  
[71] C.M.E. BLASTING & MINING  
EQUIPMENT LTD., CA  
[85] 2004-10-04  
[86] 2004-02-19 (PCT/CA2004/000222)  
[87] 2004-09-02 (WO2004/073923)  
[30] CA (2,419,214) 2003-02-19

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[13] A1  
[51] **Int.Cl. 7G06F 12/08 7H04L 12/24  
7G06F 9/46 7H04L 12/56**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
DEFINING A STATIC FIBRE CHANNEL  
FABRIC**  
[54] **APPAREIL ET PROCEDE  
PERMETTANT DE DEFINIR UNE  
MATRICE DE CANAL DE FIBRES  
OPTIQUES STATIQUE**  
[72] DESANTI, CLAUDIO, US  
[72] DIBENEDETTO, MARCO, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-10-04  
[86] 2003-03-25 (PCT/US2003/009332)  
[87] 2003-10-23 (WO2003/088050)  
[30] US (10/118,386) 2002-04-05

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[13] A1  
[51] **Int.Cl. 7C08G 75/20**  
[25] EN  
[54] **SULFONATED POLYMER  
COMPOSITION FOR FORMING FUEL  
CELL ELECTRODES**  
[54] **COMPOSITION DE POLYMERE  
SULFONE POUR FORMER DES  
ELECTRODES DE PILE A  
COMBUSTIBLE**  
[72] MCGRATH, JAMES E., US  
[72] HICKNER, MICHAEL, US  
[71] VIRGINIA TECH INTELLECTUAL  
PROPERTIES, INC., US  
[85] 2004-09-30  
[86] 2003-04-01 (PCT/US2003/009918)  
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[30] US (60/368,527) 2002-04-01  
[30] US (60/368,958) 2002-04-02

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[13] A1  
[51] **Int.Cl. 7B41J 3/407**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
CREATING AN IMAGE ON AN  
ARTICLE, AND PRINTED ARTICLE**  
[54] **PROCEDE ET APPAREIL DE  
CREATION D'IMAGE SUR UN  
ARTICLE ET ARTICLE IMPRIME**  
[72] LUETGERT, KARINE A., US  
[72] FELLIN, SCOTT, US  
[72] BAXTER, WILLIAM RONALD  
STUART, GB  
[72] EVE, RICHARD WILLIAM, GB  
[71] MASONITE CORPORATION, US  
[85] 2004-10-04  
[86] 2003-04-02 (PCT/US2003/010138)  
[87] 2003-10-16 (WO2003/084760)  
[30] US (60/369,798) 2002-04-03

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[21] **2,481,350**  
[13] A1  
[51] **Int.Cl. 7B01J 8/18 7C10G 29/00  
7C10G 29/04 7B01J 38/04 7B01J 38/10  
7B01J 38/12**  
[25] EN  
[54] **DESULFURIZATION SYSTEM  
WITH NOVEL SORBENT TRANSFER  
MECHANISM**  
[54] **SYSTEME DE DESULFURATION  
COMPORTANT UN NOUVEAU  
MECANISME DE TRANSFERT DES  
SORBANTS**  
[72] THOMPSON, MAX W., US  
[72] JAZAYERI, BEHZAD, US  
[72] ZAPATA, ROBERT, US  
[72] HERNANDEZ, MANUEL, US  
[71] CONOCOPHILLIPS COMPANY, US  
[85] 2004-10-04  
[86] 2003-02-24 (PCT/US2003/005559)  
[87] 2003-10-16 (WO2003/084656)  
[30] US (60/370,488) 2002-04-04  
[30] US (10/120,700) 2002-04-11

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[21] **2,481,356**  
[13] A1

[51] **Int.Cl. 7B65D 37/00**  
[25] EN  
[54] **SELF-CLEANING SHAPE MEMORY RETAINING VALVE**  
[54] **VANNE DE RETENUE AUTONETTOYANTE ET A MEMOIRE DE FORME**  
[72] AUER, ROBERT T., US  
[72] STULL, GENE, US  
[71] STULL TECHNOLOGIES, US  
[85] 2004-10-04  
[86] 2003-04-02 (PCT/US2003/010009)  
[87] 2003-10-16 (WO2003/084832)  
[30] US (10/116,366) 2002-04-04

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[21] **2,481,357**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REPORTING AND DELIVERING SALES AND MARKET RESEARCH DATA**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMUNIQUER ET DE DISTRIBUER DES DONNEES DE RECHERCHE COMMERCIALE ET D'ETUDES DE MARCHE**  
[72] HOUSTON, SETH, US  
[72] FIGG, FRED, US  
[72] BONANNI, DOMENIC J., US  
[71] IMS HEALTH INCORPORATED, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/US2003/010381)  
[87] 2003-10-16 (WO2003/085488)  
[30] US (60/369,709) 2002-04-03  
[30] US (60/370,771) 2002-04-05

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[21] **2,481,359**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD OF CHARITABLE GIVING/INVESTING**  
[54] **OEUVRES DE BIENFAISANCE :SYSTEME DE DONS/ INVESTISSEMENTS**  
[72] CANNEY, MICHAEL L., US  
[71] G. LLC, US  
[85] 2004-10-04  
[86] 2002-04-04 (PCT/US2002/010641)  
[87] 2003-10-16 (WO2003/085575)

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[21] **2,481,360**  
[13] A1

[51] **Int.Cl. 7B01J 47/12 7B01D 61/00**  
[25] EN  
[54] **PROTON EXCHANGE REACTIVE MEMBRANE, REACTOR AND METHOD FOR CONVERSION OF LIGHT ALKANES TO HIGHER HYDROCARBONS AND METHOD OF REACTIVATING A CATALYST LAYER**  
[54] **MEMBRANE REACTIVE ECHANGEUSE DE PROTONS, REACTEUR ET PROCEDE PERMETTANT DE CONVERTIR DES ALCANES LEGERS EN HYDROCARBURES SUPERIEURS ET PROCEDE DE REACTIVATION D'UNE COUCHE DE CATALYSEUR**  
[72] CHERRY, ROBERT S., US  
[72] FINCKE, JAMES R., US  
[72] GINOSAR, DANIEL M., US  
[71] BECHTEL BWXT IDAHO, LLC, US  
[85] 2004-09-30  
[86] 2003-10-02 (PCT/US2003/031453)  
[87] 2004-04-22 (WO2004/034487)  
[30] US (10/269,649) 2002-10-09

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[21] **2,481,362**  
[13] A1

[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **PORTABLE ECG MONITOR AND METHOD FOR ATRIAL FIBRILLATION DETECTION**  
[54] **MONITEUR D'ECG PORTABLE ET PROCEDE DE DETECTION DE FIBRILLATION AURICULAIRE**  
[72] LE, DANG V., US  
[72] KORZINOV, LEV N., US  
[71] CARD GUARD TECHNOLOGIES, INC., US  
[85] 2004-10-01  
[86] 2003-06-03 (PCT/US2003/017508)  
[87] 2003-12-18 (WO2003/105020)  
[30] US (10/163,972) 2002-06-05

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[13] A1

[51] **Int.Cl. 7A23K 1/00 7A23P 1/02 7A23P 1/12 7A23K 1/18**  
[25] EN  
[54] **FEEDSTUFF FOR AQUATIC ANIMALS**  
[54] **ALIMENT DESTINE A DES ANIMAUX AQUATIQUES**  
[72] KUERZINGER, HUBERT, DE  
[72] KUHLMANN, DIETMAR, DE  
[72] SCHMIDT, HARTMUT, DE  
[71] TETRA GMBH, DE  
[85] 2004-10-04  
[86] 2003-04-03 (PCT/EP2003/003493)  
[87] 2003-10-16 (WO2003/084341)  
[30] DE (102 15 185.7) 2002-04-05

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[21] **2,481,375**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **INTERVERTEBRAL PROSTHESIS OR NUCLEUS REPLACEMENT PROSTHESIS**  
[54] **PROTHESE DISCALE OU PROTHESE DE NUCLEUS**  
[72] STUDER, ARMIN, CH  
[71] MATHYS MEDIZINALTECHNIK AG, CH  
[85] 2004-10-04  
[86] 2002-04-04 (PCT/CH2002/000189)  
[87] 2003-10-16 (WO2003/084444)

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[13] A1  
[51] Int.Cl. 7A61K 9/20 7A61K 31/445  
7A61K 31/495  
[25] EN  
[54] **NOVEL PHARMACEUTICAL  
COMPOSITIONS FOR  
ANTI-HISTAMINIC-DECONGESTANT  
COMBINATION AND METHOD OF  
MAKING SUCH COMPOSITIONS**  
[54] **NOUVELLES COMPOSITIONS  
PHARMACEUTIQUES POUR UNE  
COMBINAISON ANTIHISTAMINIQUE-  
DECONGESTIVE ET PROCEDE DE  
FABRICATION DE CES  
COMPOSITIONS**  
[72] DHANORKAR, VIPIN  
TATYASAHEB, IN  
[72] SRINIVAS, IRUKULA, IN  
[72] DASH, DEBASHIS, IN  
[72] KAMALAKAR, TALASILA, IN  
[72] MOHAN, MAILATUR SIVARAMAN,  
IN  
[71] DR. REDDY'S LABORATORIES  
LTD., IN  
[85] 2004-10-04  
[86] 2002-04-04 (PCT/IB2002/001068)  
[87] 2003-10-16 (WO2003/084510)

[21] **2,481,379**  
[13] A1  
[51] Int.Cl. 7A61K 45/06 7A61P 9/00  
7A61P 9/10 7A61K 31/357 7A61K 31/404  
7A61K 31/421 7A61K 31/4245 7A61K 31/  
426 7A61K 31/427 7A61K 31/4439 7A61K  
31/4709 7A61K 31/496 7A61K 31/538  
[25] EN  
[54] **MEDICINAL COMPOSITION  
COMPRISING ACAT INHIBITOR AND  
INSULINE RESISTANCE IMPROVING  
AGENT**  
[54] **COMPOSITION MEDICALE  
COMPRENANT UN INHIBITEUR DE  
L'ACAT ET AGENT AMELIORANT LA  
RESISTANCE A L'INSULINE**  
[72] INABA, TOSHIMORI, JP  
[72] FUJIWARA, TOSHIHIKO, JP  
[71] SANKYO COMPANY, LIMITED, JP  
[85] 2004-10-04  
[86] 2003-04-03 (PCT/JP2003/004296)  
[87] 2003-10-16 (WO2003/084572)  
[30] JP (2002-103134) 2002-04-05

[21] **2,481,382**  
[13] A1  
[51] Int.Cl. 7A47B 96/14  
[25] EN  
[54] **FURNITURE SUPPORT SYSTEM  
[54] SYSTEME DE SUPPORT DE  
MOBILIER**  
[72] LOINES, BARRY, GB  
[71] ETHOS (UK) LIMITED, GB  
[85] 2004-10-04  
[86] 2003-04-02 (PCT/GB2003/001435)  
[87] 2003-10-09 (WO2003/082053)  
[30] GB (0207546.3) 2002-04-02

[21] **2,481,384**  
[13] A1  
[51] Int.Cl. 7A61K 47/00 7A23D 7/00  
7A23D 9/00 7A61K 9/14  
[25] EN  
[54] **AQUEOUS DISPERSIBLE STERYL  
ESTER COMPOSITIONS**  
[54] **COMPOSITIONS D'ESTERS DE  
STERYLE AQUEUSES DISPERSIBLES**  
[72] GOULSON, MELANIE J., US  
[72] SHIEH, WEN-JUIN, US  
[72] SCHMELZER, WADE N., US  
[72] KIM, CHIN HONG PAUL, US  
[71] CARGILL, INCORPORATED, US  
[85] 2004-10-05  
[86] 2003-04-10 (PCT/US2003/011185)  
[87] 2003-10-23 (WO2003/086468)  
[30] US (60/371,767) 2002-04-10

[21] **2,481,435**  
[13] A1  
[51] Int.Cl. 7B01D 69/02 7C08F 226/10  
7B01D 71/40 7B01D 71/62 7B01D 71/80  
[25] EN  
[54] **USE OF HYDROPHOBICALLY  
MODIFIED COPOLYMERS BASED ON  
N-VINYL MONOMERS FOR THE  
PRODUCTION OF MEMBRANES**  
[54] **UTILISATION DE COPOLYMERES  
A BASE DE MONOMERES N-  
VINYLQUES MODIFIES  
HYDROPHOBES POUR LA  
PRODUCTION DE MEMBRANES**  
[72] SCHNEIDER, TANJA, DE  
[72] NEUBECKER, KARIN, DE  
[72] STEIN, STEFAN, DE  
[72] DIETSCHKE, FRANK, DE  
[72] SANNER, AXEL, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2004-10-05  
[86] 2003-04-11 (PCT/EP2003/003764)  
[87] 2003-10-23 (WO2003/086594)  
[30] DE (102 17 440.7) 2002-04-18

[21] **2,481,436**  
[13] A1  
[51] Int.Cl. 7E01B 19/00  
[25] EN  
[54] **DAMPING MEANS FOR RAILS  
[54] ELEMENT D'AMORTISSEMENT  
DESTINE A DES RAILS**  
[72] KAULBERSCH, OTTO, DE  
[72] WIRTHWEIN, UDO, DE  
[72] VORDERBRUECK, DIRK, DE  
[71] WIRTHWEIN AG, DE  
[85] 2004-10-05  
[86] 2003-04-07 (PCT/DE2003/001140)  
[87] 2003-10-16 (WO2003/085201)  
[30] DE (102 15 255.1) 2002-04-07

[21] **2,481,453**  
[13] A1  
[51] Int.Cl. 7G01B 7/312 7G01B 11/10  
7G01B 21/12  
[25] EN  
[54] **CONTACTLESS SYSTEM FOR  
MEASURING CENTRICITY AND  
DIAMETER**  
[54] **SYSTEME SANS CONTACT POUR  
MESURER LE CENTRAGE ET LE  
DIAMETRE**  
[72] STUDER, URS PETER, CH  
[71] ZUMBACH ELECTRONIC AG, CH  
[85] 2004-10-04  
[86] 2003-03-01 (PCT/EP2003/002117)  
[87] 2003-10-16 (WO2003/085354)  
[30] DE (102 15 432.5) 2002-04-08  
[30] DE (102 19 848.9) 2002-05-03

[21] **2,481,455**  
[13] A1  
[51] Int.Cl. 7B29C 45/67  
[25] EN  
[54] **HYDRAULIC DEVICE FOR BACK  
AND FORTH MOVEMENT OF A  
MACHINE PART, AND A CLAMPING  
UNIT OF AN INJECTION MOLDING  
MACHINE FITTED WITH SUCH A  
HYDRAULIC DEVICE**  
[54] **DISPOSITIF HYDRAULIQUE  
POUR ACTIONNER D'UN  
MOUVEMENT ALTERNATIF UNE  
PIECE DE MACHINE ET UNITE DE  
FERMETURE DE MACHINE DE  
MOULAGE PAR INJECTION EQUIPEE  
DE CE DISPOSITIF HYDRAULIQUE**  
[72] JEANJEAN, GILBERT, FR  
[72] GUYON, JEAN-FRANCOIS, FR  
[71] BILLION S.A., FR  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/EP2003/003555)  
[87] 2003-10-16 (WO2003/084733)  
[30] DE (102 15 072.9) 2002-04-05

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[21] **2,481,457**  
[13] A1

[51] **Int.Cl. 7B41F 35/02 7B41F 35/00 7B41F 35/06**  
[25] EN  
[54] **WASHING AND CLEANING DEVICE FOR CYLINDERS, ESPECIALLY PRINTING FORM CYLINDERS AND OFFSET BLANKET CYLINDERS IN A PRINTING MACHINE**  
[54] **DISPOSITIF DE PURGE ET DE NETTOYAGE POUR CYLINDRE, NOTAMMENT POUR CYLINDRE DE FORME D'IMPRESSION ET CYLINDRE DE BLANCHET D'UNE MACHINE A IMPRIMER**  
[72] RUSCHKOWSKI, JOHANNES, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[85] 2004-10-04  
[86] 2003-04-07 (PCT/EP2003/003568)  
[87] 2003-10-16 (WO2003/084757)  
[30] DE (102 15 612.3) 2002-04-09

[21] **2,481,460**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 209/00 7C07D 241/00 7C07D 209/18**  
[25] FR  
[54] **DERIVES DE 3-HETEROARYL-3,5-DIHYDRO-4-OXO-4H-PYRIDAZINO-4,5-B|INDOLE-1-ACETAMIDE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**  
[54] **3-HETEROARYL-3,5-DIHYDRO-4-OXO-4H-PYRIDAZINO-4,5-B|INDOLE-1-ACETAMIDE DERIVATIVES, PREPARATION AND USE THEREOF IN MEDICAMENTS**  
[72] PUECH, FREDERIC, FR  
[72] MARGUET, FRANK, FR  
[72] MARABOUT, BENOIT, FR  
[72] FROISSANT, JACQUES, FR  
[71] SANOFI-AVENTIS, FR  
[85] 2004-09-28  
[86] 2003-04-02 (PCT/FR2003/001027)  
[87] 2003-10-09 (WO2003/082874)  
[30] FR (02/04158) 2002-04-03

[21] **2,481,464**  
[13] A1

[51] **Int.Cl. 7B64C 1/14**  
[25] EN  
[54] **AIRCRAFT WINDOW CASE THAT CAN BE ARTIFICIALLY ILLUMINATED IN AN INDIRECT MANNER**  
[54] **ENCADREMENT DE FENETRE D'AVION AVEC POSSIBILITE D'ECLAIRAGE ARTIFICIEL INDIRECT**  
[72] JUGOVIC, NATALIE, DE  
[72] FIEDLER, SILVAN, DE  
[72] KAEMMERER, ANDREAS, DE  
[72] LANG, OLIVER, DE  
[72] GOTSCHY, ROBERT, DE  
[72] KRAUS, AXEL, DE  
[71] AIRCABIN GMBH, DE  
[85] 2004-10-04  
[86] 2003-04-09 (PCT/EP2003/003689)  
[87] 2003-10-16 (WO2003/084810)  
[30] DE (102 15 559.3) 2002-04-09

[21] **2,481,466**  
[13] A1

[51] **Int.Cl. 7A61P 35/00 7A61K 38/15**  
[25] EN  
[54] **DEPSIPEPTIDE FOR THERAPY OF KIDNEY CANCER**  
[54] **DEPSIPEPTIDE POUR LA THERAPIE DU CANCER DU REIN**  
[72] NAOE, YOSHINORI, JP  
[72] BATES, SUSAN E., US  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2004-10-05  
[86] 2003-03-27 (PCT/JP2003/003823)  
[87] 2003-10-16 (WO2003/084611)  
[30] US (60/369,868) 2002-04-05

[21] **2,481,469**  
[13] A1

[51] **Int.Cl. 7B65D 63/00 7F16L 47/00 7B65D 63/02 7F16L 33/02**  
[25] EN  
[54] **HOSE CLAMP WITH INTERNAL CLAMPING SURFACES DEVOID OF GAPS, STEPS OR DISCONTINUITIES**  
[54] **COLLIER DE SERRAGE A SURFACE INTERIEURE EXEMPTTE DE TROUS, DE MARCHES, OU DE DISCONTINUITES**  
[72] CRAIG, PAUL M., JR., US  
[71] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH  
[85] 2004-09-30  
[86] 2003-10-14 (PCT/US2003/029129)  
[87] 2004-08-05 (WO2004/065251)  
[30] US (60/439,799) 2003-01-14  
[30] US (10/392,952) 2003-03-21

[21] **2,481,471**  
[13] A1

[51] **Int.Cl. 7A47K 3/28**  
[25] EN  
[54] **SHOWER ASSEMBLY**  
[54] **ENSEMBLE DE DOUCHE**  
[72] DIMITRIADIS, ANDREAS, DE  
[72] SCHONHERR, TOM, DE  
[72] HAUG, ANDREAS, DE  
[71] HANS GROHE AG, DE  
[85] 2004-10-04  
[86] 2004-01-27 (PCT/EP2004/000655)  
[87] 2004-08-19 (WO2004/069018)  
[30] DE (103 05 786.2) 2003-02-06

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[13] A1

[51] **Int.Cl. 7G01N 21/47 7C08J 9/00 7C08J 9/12 7C08J 9/26 7C08J 9/28 7G02B 5/32 7G01N 21/75**  
[25] EN  
[54] **HOLOGRAPHIC SENSOR BASED ON A VOLUME HOLOGRAM IN A POROUS MEDIUM**  
[54] **CAPTEUR HOLOGRAPHIQUE FONDE SUR UN HOLOGRAMME TRIDIMENSIONNEL CONTENU DANS UNE SUBSTANCE POREUSE**  
[72] LOWE, CHRISTOPHER ROBIN, GB  
[72] JAMES, ANTHONY PETER, GB  
[72] DAVIDSON, COLIN ALEXANDER BENNETT, GB  
[72] BLYTH, JEFFREY, GB  
[72] MADRIGAL GONZALEZ, BLANCA, GB  
[72] MARSHALL, ALEXANDER JAMES, GB  
[72] KABILAN, SATYAMOORTHY, GB  
[71] SMART HOLOGRAMS LIMITED, GB  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/GB2003/001488)  
[87] 2003-10-23 (WO2003/087789)  
[30] GB (0207943.2) 2002-04-05

[21] **2,481,482**  
[13] A1

[51] **Int.Cl. 7C07D 451/04 7A61P 29/00 7A61K 31/46**  
[25] EN  
[54] **TROPANE DERIVATIVES AS CCR5 MODULATORS**  
[54] **DERIVES DE TROPANE UTILISES COMME MODULATEUR AS DE CCR5**  
[72] STEPHENSON, PETER THOMAS, GB  
[72] TAYLOR, STEFAN COLIN JOHN, GB  
[72] WOOD, ANTHONY, GB  
[72] BASFORD, PATRICIA ANN, GB  
[71] PFIZER INC., US  
[85] 2004-10-04  
[86] 2003-03-31 (PCT/IB2003/001220)  
[87] 2003-10-16 (WO2003/084954)  
[30] GB (0208071.1) 2002-04-08  
[30] GB (0301575.7) 2003-01-23

[21] **2,481,483**  
[13] A1

[51] **Int.Cl. 7G06K 9/00 7G06T 7/00**  
[25] EN  
[54] **VISION-BASED OPERATING METHOD AND SYSTEM**  
[54] **SYSTEME ET PROCEDE FONCTIONNANT A BASE DE VISION**  
[72] DELEAN, BRUNO C., ES  
[71] IDENTIX INCORPORATED, US  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/IB2003/001298)  
[87] 2003-10-16 (WO2003/085589)  
[30] US (10/116,839) 2002-04-05

[21] **2,481,484**  
[13] A1

[51] **Int.Cl. 7B05B 15/00**  
[25] EN  
[54] **MASKING MATERIAL**  
[54] **ELEMENT DE MASQUAGE**  
[72] ITOU, KUNINORI, JP  
[72] OGAWA, MASANORI, JP  
[71] NAGOYA OILCHEMICAL CO., LTD., JP  
[85] 2004-10-04  
[86] 2003-03-20 (PCT/JP2003/003484)  
[87] 2003-10-16 (WO2003/084675)  
[30] JP (2002-106614) 2002-04-09

[21] **2,481,485**  
[13] A1

[51] **Int.Cl. 7G06F 17/18 7C12N 15/00 7G06F 17/30 7G01N 33/574 7C12Q 1/68**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ANALYZING DATA**  
[54] **DISPOSITIF ET PROCEDE D'ANALYSE DE DONNEES**  
[72] ISHIKAWA, TOSHIO, JP  
[72] KUME, TAKASHI, JP  
[71] ISHIHARA SANGYO KAISHA, LTD., JP  
[85] 2004-10-04  
[86] 2003-03-31 (PCT/JP2003/004059)  
[87] 2003-10-16 (WO2003/085548)  
[30] JP (2002-102743) 2002-04-04  
[30] JP (2002-352645) 2002-12-04

[21] **2,481,490**  
[13] A1

[51] **Int.Cl. 7B01J 20/26 7C08F 20/00 7C08L 101/00 7A61L 15/24**  
[25] EN  
[54] **PARTICULATE WATER ABSORBENT CONTAINING WATER ABSORBENT RESIN AS A MAIN COMPONENT**  
[54] **AGENT D'ABSORPTION D'EAU PARTICULAIRE CONTENANT UNE RESINE D'ABSORPTION D'EAU EN TANT QUE CONSTITUANT PRINCIPAL**  
[72] WADA, KATSUYUKI, JP  
[72] KITANO, TAKAHIRO, JP  
[72] IKEUCHI, HIROYUKI, JP  
[72] FUJIMARU, HIROTAMA, JP  
[72] ADACHI, YOSHIFUMI, JP  
[71] NIPPON SHOKUBAI CO., LTD., JP  
[85] 2004-10-04  
[86] 2004-02-09 (PCT/JP2004/001358)  
[87] 2004-08-19 (WO2004/069404)  
[30] JP (2003-032770) 2003-02-10  
[30] JP (2003-068579) 2003-03-13

[21] **2,481,492**  
[13] A1

[51] **Int.Cl. 7G06F 11/16 7G06F 12/16**  
[25] EN  
[54] **METHODS FOR STORING DATA IN NON-VOLATILE MEMORIES**  
[54] **PROCEDES DE MEMORISATION DE DONNEES DANS DES MEMOIRES NON VOLATILES**  
[72] TORJUSSEN, LARS SUNDELL, NO  
[72] KARLSSON, CHRISTER, SE  
[71] THIN FILM ELECTRONICS ASA, NO  
[85] 2004-10-04  
[86] 2003-04-10 (PCT/NO2003/000115)  
[87] 2003-10-23 (WO2003/088041)  
[30] NO (20021792) 2002-04-16

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[13] A1

[51] **Int.Cl. 7G06F 3/023 7H03M 11/00 7B41J 5/10**  
[25] EN  
[54] **REDUCED KEYBOARD SYSTEM THAT EMULATES QWERTY-TYPE MAPPING AND TYPING**  
[54] **SYSTEME DE CLAVIER REDUIT EMULANT LA CARTOGRAPHIE ET LA DACTYLOGRAPHIE D'UN CLAVIER DE TYPE QWERTY**  
[72] TAN, CHIN FOO, SG  
[72] NG, EDWIN, SG  
[72] OH, JOO SENG, SG  
[71] XRGOMICS PTE. LTD, SG  
[85] 2004-10-04  
[86] 2003-03-07 (PCT/SG2003/000046)  
[87] 2003-10-16 (WO2003/085505)  
[30] SG (200202021-2) 2002-04-04

[21] **2,481,499**  
[13] A1

[51] **Int.Cl. 7A61K 31/4355 7A61P 35/00 7A61P 17/06**  
[25] EN  
[54] **USE OF CYCLOPAMINE IN THE TREATMENT OF PSORIASIS AND OTHER SKIN DISORDERS**  
[54] **UTILISATION DE CYCLOPAMINE POUR TRAITER LE PSORIASIS ET AUTRES TROUBLES CUTANES**  
[72] TAS, SINAN, TR  
[72] AVCI, OKTAY, TR  
[71] TAS, SINAN, TR  
[85] 2004-10-04  
[86] 2003-03-17 (PCT/TR2003/000017)  
[87] 2003-10-30 (WO2003/088964)  
[30] TR (PCT/TR02/00017) 2002-04-19

[21] **2,481,500**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **EFFICIENCY METRIC SYSTEM FOR A QUICK-SERVICE RESTAURANT**  
[54] **SYSTEME DE TRAITEMENT DE DONNEES DE RENDEMENT POUR RESTAURANTS A SERVICE RAPIDE**  
[72] SABONGI, GEBRAN J., US  
[72] HALL, RONALD W., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-04  
[86] 2003-03-18 (PCT/US2003/008082)  
[87] 2003-11-06 (WO2003/091859)  
[30] US (10/128,661) 2002-04-23

[21] **2,481,501**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **MONITORING BLOOD SUBSTANCES USING SELF-SAMPLED TEARS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT UNE SURVEILLANCE NON EFFRACTIVE DES SUBSTANCES PRESENTES DANS LE SANG PAR L'UTILISATION DE LARMES AUTO-PRELEVEES**  
[72] FLANDERS, ZVI, US  
[72] CUI, GANG, CN  
[72] KIM, JONG, SIK, KR  
[72] MEYERHOFF, MARK E., US  
[72] CHA, GEUN SIG, KR  
[72] COHAN, BRUCE E., US  
[72] NAM, HAKHYUN, KR  
[72] GILLESPIE, DONALD E., US  
[71] EYELAB GROUP, LLC, US  
[85] 2004-10-04  
[86] 2003-04-01 (PCT/US2003/009954)  
[87] 2003-10-23 (WO2003/087775)  
[30] US (60/370,552) 2002-04-05

[21] **2,481,505**  
[13] A1

[51] **Int.Cl. 7G06F 17/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS USING MULTI-PAYMENT PREFERENCES**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES REPOSANT SUR L'UTILISATION DE PREFERENCES DE PAIEMENTS MULTIPLES**  
[72] GIORDANO, JOSEPH A., US  
[72] MURRAY, JACK B., JR., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2004-10-04  
[86] 2003-04-07 (PCT/US2003/010577)  
[87] 2003-10-23 (WO2003/088078)  
[30] US (60/370,244) 2002-04-08  
[30] US (10/407,367) 2003-04-04

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[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING A VIRTUAL MUTUAL FUND**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GERER UN FONDS COMMUN DE PLACEMENT VIRTUEL**  
[72] ARNOTT, ROBERT, D., US  
[71] ARNOTT, ROBERT, D., US  
[85] 2004-10-04  
[86] 2003-04-07 (PCT/US2003/010634)  
[87] 2003-10-23 (WO2003/087985)  
[30] US (60/371,662) 2002-04-10  
[30] US (10/252,761) 2002-09-23

[21] **2,481,510**  
[13] A1

[51] **Int.Cl. 7A62C 5/02**  
[25] EN  
[54] **CLEANING SPRAY NOZZLE**  
[54] **BUSE DE PULVERISATION POUR NETTOYAGE**  
[72] MUELLER, JOHN, US  
[72] MUELLER, PATTY, US  
[71] MUELLER, JOHN, US  
[71] MUELLER, PATTY, US  
[85] 2004-10-04  
[86] 2003-04-16 (PCT/US2003/011584)  
[87] 2003-10-30 (WO2003/089064)  
[30] US (60/373,075) 2002-04-16

[21] **2,481,511**  
[13] A1

[51] **Int.Cl. 7A61M 1/36**  
[25] EN  
[54] **BLOOD COMPONENT PROCESSING SYSTEM, APPARATUS AND METHOD**  
[54] **SYSTEME, APPAREIL ET PROCEDE DE TRAITEMENT DES COMPOSANTS SANGUINS**  
[72] CORBIN, FRANK III, US  
[72] STRANDBERG, LARS, SE  
[72] PERSSON, LARS, SE  
[72] VAN WAEG, GEERT, BE  
[72] HOLMES, BRIAN M., US  
[72] HALLGREN, EMANUEL, SE  
[72] HOGBERG, NICLAS, SE  
[72] PIHLSTEDT, PETER, SE  
[71] GAMBRO, INC., US  
[85] 2004-10-04  
[86] 2003-04-16 (PCT/US2003/011764)  
[87] 2003-10-30 (WO2003/089027)  
[30] US (60/373,083) 2002-04-16  
[30] US (60/405,667) 2002-08-23

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[13] A1

[51] **Int.Cl. 7C11D 3/00 7C11D 3/20 7C11D 3/37**  
[25] EN  
[54] **A LIQUID LAUNDRY CONDITIONING COMPOSITION CONTAINING A FABRIC-SOFTENING SILICONE**  
[54] **COMPOSITION LIQUIDE DE CONDITIONNEMENT POUR LESSIVE RENFERMANT UN SILICONE QUI ASSOUPLE LES TISSUS**  
[72] DEPOOT, KAREL JOZEF MARIA, BE  
[72] BILLIAUW, JAN JULIEN MARIE-LOUISE, BE  
[72] DE BUZZACCARINI, FRANCESCO, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-04  
[86] 2003-05-15 (PCT/US2003/015577)  
[87] 2003-11-27 (WO2003/097778)  
[30] GB (0211339.7) 2002-05-17

[21] **2,481,514**  
[13] A1

[51] **Int.Cl. 7C07D 495/04 7A61K 31/38**  
[25] EN  
[54] **2-THIA-DIBENZOAZULENES AS INHIBITORS OF TUMOUR NECROSIS FACTOR PRODUCTION AND INTERMEDIATES FOR THE PREPARATION THEREOF**  
[54] **2-THIA-DIBENZOAZULENES COMME INHIBITEURS DE LA PRODUCTION DU FACTEUR ONCONECROSANT ET INTERMEDIAIRES DE PREPARATION CORRESPONDANTS**  
[72] MERCEP, MLADEN, HR  
[72] MESIC, MILAN, HR  
[72] PESIC, DIJANA, HR  
[72] OZIMEC, IVANA, HR  
[71] PLIVA-ISTRIZIVACKI INSTITUT D.O.O., HR  
[85] 2004-10-04  
[86] 2003-04-09 (PCT/HR2003/000016)  
[87] 2003-10-16 (WO2003/084962)  
[30] HR (P20020305A) 2002-04-10

[21] **2,481,526**  
[13] A1

[51] **Int.Cl. 7C09K 5/18**  
[25] FR  
[54] **COMPOSITION AUTO-CHAUFFANTE A BASE D'ACIDE ORTHOPHOSPHORIQUE IMPREGNE SUR UN OXYDE MINERAL DE GRANDE POROSITE, SON PROCEDE DE PREPARATION ET SON UTILISATION**  
[54] **SELF-HEATING COMPOSITION BASED ON ORTHOPHOSPHORIC ACID IMPREGNATED INTO A HIGHLY POROUS MINERAL OXIDE, METHOD FOR THE PRODUCTION THEREOF AND USE OF THE SAME**  
[72] LEITE, LORRAINE, FR  
[71] RHODIA CONSUMER SPECIALTIES LTD, GB  
[85] 2004-10-01  
[86] 2003-03-31 (PCT/FR2003/000994)  
[87] 2003-10-09 (WO2003/083007)  
[30] FR (02/04071) 2002-04-02

[21] **2,481,632**  
[13] A1

[51] **Int.Cl. 7G02B 5/32 7G03H 1/02 7G01N 21/05 7G01N 21/47**  
[25] EN  
[54] **METHOD OF DETECTING AN ANALYTE IN A FLUID**  
[54] **PROCEDE POUR DETECTER UNE SUBSTANCE A ANALYSER DANS UN LIQUIDE**  
[72] MADRIGAL GONZALEZ, BLANCA, GB  
[72] MARSHALL, ALEXANDER JAMES, GB  
[72] JAMES, ANTHONY PETER, GB  
[72] KABILAN, SATYAMOORTHY, GB  
[72] DAVIDSON, COLIN ALEXANDER BENNETT, GB  
[72] BLYTH, JEFFREY, GB  
[72] LOWE, CHRISTOPHER ROBIN, GB  
[71] SMART HOLOGRAMS LIMITED, GB  
[85] 2004-10-04  
[86] 2003-04-04 (PCT/GB2003/001499)  
[87] 2003-10-23 (WO2003/087899)  
[30] GB (0207944.0) 2002-04-05

[21] **2,481,657**  
[13] A1

[51] **Int.Cl. 7C12N 15/09 7A01H 5/00 7C07K 16/00 7A61P 9/00 7A61P 35/00 7A61P 37/00 7A01K 67/027 7A61P 31/04 7C12P 21/08 7C12N 5/10 7A61P 31/12 7A61K 39/395**  
[25] EN  
[54] **CELLS WITH MODIFIED GENOME**  
[54] **CELLULES A GENOME MODIFIE**  
[72] SATOH, MITSUO, JP  
[72] MORI, KATSUHIRO, JP  
[72] YAMANO, KAZUYA, JP  
[72] OHNUKI, NAOKO, JP  
[71] KYOWA HAKKO KOGYO CO. LTD., JP  
[85] 2004-10-06  
[86] 2003-04-09 (PCT/JP2003/004507)  
[87] 2003-10-16 (WO2003/085107)  
[30] JP (2002-106953) 2002-04-09

[21] **2,481,706**  
[13] A1

[51] **Int.Cl. 7A61K 31/422 7A61P 3/10 7C07D 413/12 7C07D 263/32**  
[25] EN  
[54] **ANTIDIABETIC AGENTS**  
[54] **AGENTS ANTI-DIABETIQUES**  
[72] SCHAUM, ROBERT PHILIPP, US  
[72] LEE, HELEN TSENWHEI, US  
[72] SEXTON, KAREN ELAINE, US  
[72] FAKHOURY, STEPHEN ALAN, US  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2004-10-04  
[86] 2003-03-25 (PCT/IB2003/001132)  
[87] 2003-10-16 (WO2003/084535)  
[30] US (60/370,455) 2002-04-05

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[21] **2,481,710**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C12N 5/16 7C07K 16/22**  
[25] EN  
[54] **METHOD OF JUDGING LEUKEMIA, PRE-LEUKEMIA OR ALEUKEMIC MALIGNANT BLOOD DISEASE AND DIAGNOSTIC THEREFOR**  
[54] **METHODE DE DETERMINATION D'UNE LEUCEMIE, D'UNE PRELEUCEMIE OU D'UNE MALADIE SANGUINE MALIGNIE ALEUCEMIQUE, ET METHODE DIAGNOSTIQUE**  
[72] HOTTA, TOMOMITSU, JP  
[72] ITO, CHIE, JP  
[72] ANDO, KIYOSHI, JP  
[72] SATO, HIDENAO, JP  
[72] KOHNO, HIROAKI, JP  
[72] SHITARA, KENYA, JP  
[72] SUGIMOTO, SEIJI, JP  
[72] FURUYA, AKIKO, JP  
[71] TOKAI UNIVERSITY, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[71] KYOWA MEDEX CO., LTD., JP  
[85] 2004-10-06  
[86] 2003-04-09 (PCT/JP2003/004531)  
[87] 2003-10-16 (WO2003/085399)  
[30] JP (2002-106786) 2002-04-09

[21] **2,481,783**  
[13] A1

[51] **Int.Cl. 7C12N 15/86**  
[25] EN  
[54] **EXPRESSION OF GENES IN MODIFIED VACCINIA VIRUS ANKARA BY USING THE COWPOX ATI PROMOTER**  
[54] **EXPRESSION DES GENES DU VIRUS VACCINAL MODIFIE ANKARA PAR UTILISATION DU PROMOTEUR VACCINAL ATI**  
[72] LEYRER, SONJA, DE  
[72] HOWLEY, PAUL, AU  
[71] BAVARIAN NORDIC A/S, DK  
[85] 2004-10-06  
[86] 2003-05-14 (PCT/EP2003/005046)  
[87] 2003-11-27 (WO2003/097844)  
[30] DK (PA 2002 00754) 2002-05-16  
[30] DK (PA 2002 01813) 2002-11-25

[21] **2,481,799**  
[13] A1

[51] **Int.Cl. 7C12N 15/863 7A61K 39/12 7C07K 14/18**  
[25] EN  
[54] **RECOMBINANT POXVIRUS EXPRESSING HOMOLOGOUS GENES INSERTED INTO THE POXVIRAL GENOME**  
[54] **POXVIRUS RECOMBINANT EXPRIMANT DES GENES HOMOLOGUES INTRODUITS DANS LE GENOME POXVIRAL**  
[72] HOWLEY, PAUL, AU  
[72] LEYRER, SONJA, DE  
[71] BAVARIAN NORDIC A/S, DK  
[85] 2004-10-06  
[86] 2003-05-14 (PCT/EP2003/005047)  
[87] 2003-11-27 (WO2003/097846)  
[30] DK (PA 2002 00753) 2002-05-16  
[30] DK (PA 2002 00752) 2002-05-16

[21] **2,481,920**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 9/00 7A61P 29/00 7A61P 35/00 7A61P 43/00 7A61P 37/02 7A61P 31/04 7A61P 37/04 7A61P 37/08 7C12P 21/08 7C12N 15/09 7C12N 5/10 7A61P 31/12 7A61P 31/14 7G01N 33/15 7C07K 16/18**  
[25] EN  
[54] **DRUG CONTAINING ANTIBODY COMPOSITION**  
[54] **MEDICAMENT CONTENANT UNE COMPOSITION ANTICORPS**  
[72] SHITARA, KENYA, JP  
[72] NIWA, RINPEI, JP  
[71] KYOWA HAKKO KOGYO CO. LTD., JP  
[85] 2004-10-06  
[86] 2003-04-09 (PCT/JP2003/004503)  
[87] 2003-10-16 (WO2003/084569)  
[30] JP (2002-106949) 2002-04-09

[21] **2,481,953**  
[13] A1

[51] **Int.Cl. 7C12N 5/08**  
[25] EN  
[54] **METHOD OF CULTURING LIVER CELLS OVER LONG TIME**  
[54] **PROCEDE DE CULTURE DE CELLULES DE FOIE SUR UNE DUREE PROLONGEE**  
[72] SHIMADA, NORIAKI, JP  
[72] MAUREL, PATRICK, FR  
[71] DAIICHI PURE CHEMICALS CO., LTD., JP  
[85] 2004-10-01  
[86] 2002-04-04 (PCT/JP2002/003398)  
[87] 2003-10-16 (WO2003/085100)

[21] **2,481,980**  
[13] A1

[51] **Int.Cl. 7A61K 39/21 7C07K 16/00 7A61K 39/12**  
[25] EN  
[54] **PARTICLE-BOUND HUMAN IMMUNODEFICIENCY VIRUS ENVELOPE GLYCOPROTEINS AND RELATED COMPOSITIONS AND METHODS**  
[54] **GLYCOPROTEINES DE L'ENVELOPPE DU VIRUS D'IMMUNODEFICIENCE HUMAINE LIEES A DES PARTICULES, COMPOSITIONS ET PROCEDES ASSOCIES**  
[72] GARDNER, JASON, US  
[72] SCHULKE, NORBERT, US  
[72] MADDON, PAUL J., US  
[72] OLSON, WILLIAM C., US  
[71] PROGENICS PHARMACEUTICALS, INC., US  
[85] 2004-10-01  
[86] 2002-09-06 (PCT/US2002/028332)  
[87] 2003-10-23 (WO2003/087757)  
[30] US (60/370,410) 2002-04-05

[21] **2,482,197**  
[13] A1

[51] **Int.Cl. 7G07D 7/00 7G06K 19/06 7G07D 7/12 7G06K 7/12**  
[25] EN  
[54] **DEVICE FOR VERIFYING SECURITY FEATURES**  
[54] **DISPOSITIF DE VERIFICATION DE CARACTERISTIQUES DE SECURITE**  
[72] FRANKEN, KLAUS, CH  
[72] GROB, JAKOB, CH  
[72] DOSTMANN, ANDREAS, CH  
[71] LANDQART, CH  
[85] 2004-10-01  
[86] 2003-03-25 (PCT/CH2003/000192)  
[87] 2003-10-16 (WO2003/085608)  
[30] CH (572/02) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7A61K 51/04 7C07F 13/00**  
[25] EN  
[54] **PENDANT FATTY ACID IMAGING AGENTS**  
[54] **AGENTS D'IMAGERIE D'ACIDES GRAS PENDANTS**  
[72] BABICH, JOHN W., US  
[72] MARESCA, KEVIN P., US  
[72] SHOUP, TIMOTHY M., US  
[71] BIOSTREAM, INC., US  
[85] 2004-09-28  
[86] 2003-04-01 (PCT/US2003/009895)  
[87] 2003-10-16 (WO2003/084575)  
[30] US (60/368,933) 2002-04-01

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[13] A1  
[51] **Int.Cl. 7B05B 13/02 7B05B 12/04**  
[25] EN  
[54] **SPRAY TOOL**  
[54] **OUTIL DE VAPORISATION**  
[72] SCHEBESTA, ANDREAS, DE  
[72] KEIM, KARL HEINRICH, DE  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[85] 2004-09-30  
[86] 2003-03-04 (PCT/US2003/006556)  
[87] 2003-10-16 (WO2003/084674)  
[30] DE (02 016 419.0) 2002-04-04

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[13] A1  
[51] **Int.Cl. 7H02K 21/12 7H02K 1/14 7H02K 1/27**  
[25] EN  
[54] **ROTARY ELECTRIC MOTOR HAVING A PLURALITY OF SHIFTED STATOR POLES AND/OR ROTOR POLES**  
[54] **MOTEUR ELECTRIQUE ROTATIF A PLUSIEURS POLES DE STATOR ET/ OU DE ROTOR DECALES**  
[72] SOGHOMONIAN, ZAREH SALMASI, US  
[72] BENSON, MARK A., US  
[72] MASLOV, BORIS A., US  
[71] WAVECREST LABORATORIES, LLC, US  
[85] 2004-11-19  
[86] 2003-03-28 (PCT/US2003/008674)  
[87] 2003-12-18 (WO2003/105319)  
[30] US (10/160,254) 2002-06-04  
[30] US (10/160,257) 2002-06-04

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[13] A1  
[51] **Int.Cl. 7H02K 1/12**  
[25] EN  
[54] **ADAPTIVE CONTROL ARCHITECTURE FOR ELECTRIC MACHINES**  
[54] **ARCHITECTURE DE COMMANDE ADAPTATIVE DESTINEE A DES MACHINES ELECTRIQUES**  
[72] MASLOV, BORIS A., US  
[72] PYNTIKOV, ALEXANDER V., US  
[71] WAVECREST LABORATORIES, LLC, US  
[85] 2004-11-23  
[86] 2003-03-28 (PCT/US2003/008671)  
[87] 2003-12-31 (WO2004/001949)  
[30] US (10/173,610) 2002-06-19  
[30] US (60/399,415) 2002-07-31  
[30] US (10/290,537) 2002-11-08  
[30] US (10/353,075) 2003-01-29  
[30] US (10/353,083) 2003-01-29  
[30] US (10/359,305) 2003-02-06

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[13] A1  
[51] **Int.Cl. 7C01B 3/32 7B01J 10/00 7B01J 35/02 7B01D 53/047 7B01D 53/22 7B01J 23/70**  
[25] EN  
[54] **METHANOL STEAM REFORMING CATALYSTS, STEAM REFORMERS, AND FUEL CELL SYSTEMS INCORPORATING THE SAME**  
[54] **CATALYSEURS DE REFORMAGE A LA VAPEUR DE METHANOL, DES REFORMEURS A VAPEUR, ET DES SYSTEMES DE PILE A COMBUSTIBLE INCORPORANT CES CATALYSEURS ET REFORMEURS**  
[72] RENN, CURTISS, US  
[71] IDATECH, LLC, US  
[85] 2004-11-22  
[86] 2003-06-23 (PCT/US2003/019901)  
[87] 2004-01-08 (WO2004/002616)  
[30] US (60/392,482) 2002-06-27  
[30] US (10/600,808) 2003-06-20

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[13] A1  
[51] **Int.Cl. 7E21B 17/042**  
[25] EN  
[54] **MALE PORTION, DRILL BIT AND THREADED JOINT FOR PERCUSSIVE ROCK DRILLING**  
[54] **PORTION MALE, TREPAN ET RACCORD ARTICULE POUR FORAGE DE ROCHE PAR PERCUSSION**  
[72] BRUNGS, ANDERS, SE  
[72] CARLSTROEM, BO, SE  
[72] LUNDBERG, CHRISTER, SE  
[72] LILJEBRAND, PER-OLOF, SE  
[71] SANDVIK AB, SE  
[85] 2004-11-05  
[86] 2003-06-06 (PCT/SE2003/000930)  
[87] 2004-01-08 (WO2004/003334)  
[30] SE (0201989-1) 2002-06-27

[21] **2,484,012**  
[13] A1  
[51] **Int.Cl. 7A61L 27/56 7A61L 27/58**  
[25] EN  
[54] **TISSUE ENGINEERING SCAFFOLD MATERIAL, ARTIFICIAL VESSEL, CUFF MEMBER AND COATING FOR IMPLANTS**  
[54] **MATERIAU SUPPORT D'INGENIERIE TISSULAIRE, VAISSEAU ARTIFICIEL, ELEMENT DE MANCHETTE ET REVETEMENT DESTINE A DES IMPLANTS**  
[72] NEMOTO, YASUSHI, JP  
[72] TATSUMI, EISUKE, JP  
[72] NAKAYAMA, YASUHIDE, JP  
[71] JAPAN AS REPRESENTED BY PRESIDENT OF NATIONAL CARDIOVASCULAR CENTER, JP  
[71] BRIDGESTONE CORPORATION, JP  
[85] 2004-09-27  
[86] 2003-03-25 (PCT/JP2003/003594)  
[87] 2003-10-09 (WO2003/082366)  
[30] JP (2002-91793) 2002-03-28  
[30] JP (2002-259848) 2002-09-05  
[30] JP (2002-259849) 2002-09-05

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[21] **2,484,015**  
[13] A1  
[51] **Int.Cl. 7H04L 12/407**  
[25] EN  
[54] **COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION**  
[72] ATTWELL, COLIN WILLIAM PETER,  
ZA  
[71] GSBS DEVELOPMENT  
CORPORATION, US  
[85] 2004-10-01  
[86] 2003-04-03 (PCT/ZA2003/000044)  
[87] 2003-10-09 (WO2003/084151)  
[30] ZA (2002/2584) 2002-04-03

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[21] **2,484,044**  
[13] A1  
[51] **Int.Cl. 7A61K 39/39 7A61K 39/21**  
[25] EN  
[54] **IMIDAZOQUINOLINEAMINES AS  
ADJUVANTS IN HIV DNA  
VACCINATION**  
[54] **ADJUVANT**  
[72] ERTL, PETER, GB  
[72] THOMSEN, LINDY, GB  
[72] VAN-WELY, CATHERINE, GB  
[72] BRAUN, RALPH PATRICK, US  
[71] POWDERMED LIMITED, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-09-20  
[86] 2003-03-19 (PCT/GB2003/001213)  
[87] 2003-10-02 (WO2003/080112)  
[30] US (10/102,622) 2002-03-19  
[30] US (60/366,058) 2002-03-19

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[21] **2,484,261**  
[13] A1  
[51] **Int.Cl. 7C07D 401/12 7A61P 1/00  
7A61P 11/00 7A61P 17/00 7A61P 29/00  
7A61P 43/00 7A61P 11/02 7A61P 27/02  
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4545 7A61K 31/4709 7A61K 31/517  
7A61K 31/5377 7A61K 31/5415**  
[25] EN  
[54] **PIPERIDINE DERIVATIVES  
HAVING CCR3 ANTAGONISM**  
[54] **DERIVES DE PIPERIDINE  
POSSEDANT UN ANTAGONISME DE  
CCR3**

[72] MINAMIZONO, KUNIO, JP  
[72] NAKANISHI, AKINOBU, JP  
[72] MATSUMOTO, YOSHIYUKI, JP  
[72] YOKOYAMA, TOMONORI, JP  
[72] IMAI, MINORU, JP  
[72] TAKEUCHI, SUSUMU, JP  
[72] SAWAI, YOSHIYUKI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2004-10-15  
[86] 2003-04-16 (PCT/JP2003/004841)  
[87] 2003-10-23 (WO2003/087089)  
[30] JP (2002-113220) 2002-04-16  
[30] JP (2002-240509) 2002-08-21

## **PCT Applications Entering the National Phase**

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,477,540**  
[13] A1

[51] **Int.Cl. 7A61N 1/02 7A61N 1/36**  
[25] EN  
[54] **INTRAORAL ELECTROMUSCULAR STIMULATION DEVICE AND METHOD**  
[54] **METHODE ET DISPOSITIF DE STIMULATION ELECTROMUSCULAIRE INTRABUCCALE**  
[72] SCARBERRY, EUGENE N., US  
[72] STARR, ERIC W., US  
[72] MECHLENBURG, DOUGLAS, US  
[72] LATTNER, STEFANIE, US  
[71] RESPIRONICS, INC., US  
[22] 1999-11-12  
[41] 2000-05-25  
[62] 2,350,209  
[30] US (60/108,408) 1998-11-13  
[30] US (09/436,857) 1999-11-09

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[21] **2,478,736**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7C12N 15/13 7C07K 16/30 7C07K 16/32 7A61K 39/395 7G01N 33/574 7C07K 14/705 7C07K 14/82**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMORS**  
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE TUMEURS**  
[72] BOTSTEIN, DAVID, US  
[72] WOOD, WILLIAM I., US  
[72] ROY, MARGARET ANN, US  
[72] WATANABE, COLIN K., US  
[72] GODDARD, AUDREY, US  
[72] GURNEY, AUSTIN L., US  
[71] GENENTECH, INC., US  
[22] 1999-12-02  
[41] 2000-09-14  
[62] 2,367,334  
[30] US (60/162,506) 1999-10-29

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[21] **2,479,511**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C07K 19/00 7C12P 21/00 7C12Q 1/02 7C12N 15/13 7C07K 16/18 7C07K 16/30 7C07K 16/32 7A61K 39/395 7C07K 14/47 7G01N 33/574 7C12Q 1/68 7C07K 14/705 7A61K 31/7088 7C07K 14/82**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR**  
[54] **COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT DE TUMEUR**  
[72] MARSTERS, SCOT A., US  
[72] WATANABE, COLIN K., US  
[72] SMITH, VICTORIA, US  
[72] STONE, DONNA M., US  
[72] GURNEY, AUSTIN L., US  
[72] HILLAN, KENNETH J., US  
[72] GODOWSKI, PAUL J., US  
[72] ROY, MARGARET ANN, US  
[72] GODDARD, AUDREY, US  
[72] WOOD, WILLIAM I., US  
[72] PAN, JAMES, US  
[72] PITTI, ROBERT M., US  
[72] ASHKENAZI, AVI J., US  
[71] GENENTECH, INC., US  
[22] 2000-02-11  
[41] 2001-07-26  
[62] 2,365,610  
[30] US (60/123,972) 1999-03-11  
[30] US (PCT/US99/05028) 1999-03-08  
[30] US (60/133,459) 1999-05-11  
[30] US (PCT/US99/12252) 1999-06-02  
[30] US (60/140,650) 1999-06-22  
[30] US (60/140,653) 1999-06-22  
[30] US (60/144,758) 1999-07-20  
[30] US (60/145,698) 1999-07-26  
[30] US (60/146,222) 1999-07-28  
[30] US (60/149,395) 1999-08-17  
[30] US (60/151,689) 1999-08-31  
[30] US (PCT/US99/20111) 1999-09-01  
[30] US (PCT/US99/21090) 1999-09-15  
[30] US (PCT/US99/28313) 1999-11-30  
[30] US (PCT/US99/28301) 1999-12-01  
[30] US (PCT/US99/28634) 1999-12-01  
[30] US (PCT/US00/00219) 2000-01-05

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[21] **2,479,551**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07K 2/00 7C12P 1/00 7C12P 21/00 7G01N 21/64**  
[25] EN  
[54] **OPTICAL SORTING METHOD**  
[54] **TECHNIQUE DE TRI OPTIQUE**  
[72] SEPP, ARMIN, GB  
[72] GRIFFITHS, ANDREW, GB  
[72] TAWFIK, DAN, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[22] 2000-01-06  
[41] 2000-07-13  
[62] 2,357,037  
[30] GB (9900298.2) 1999-01-07

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[21] **2,479,846**  
[13] A1

[51] **Int.Cl. 7A61K 31/675 7A61P 35/00 7A61P 31/12**  
[25] EN  
[54] **PHOSPHONOMETHOXYMETHYLPURINE/PYRIMIDINE DERIVATIVES**  
[54] **DERIVES DE PHOSPHONOMETHOXYMETHYLPURINE/PYRIMIDINE**  
[72] MISCO, PETER F., US  
[72] LUH, BING Y., US  
[72] KIM, CHOUNG U., US  
[72] MARTIN, JOHN C., US  
[71] INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY OF THE ACADEMY OF SCIENCES OF THE CZECH REPUBLIC, CS  
[71] REGA STICHTING VZW, BE  
[22] 1990-04-27  
[41] 1990-11-15  
[62] 2,297,294  
[30] US (481,569) 1990-02-22  
[30] US (352,303) 1989-05-15

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[21] **2,481,364**  
[13] A1

[51] **Int.Cl. 7H05B 33/12 7H01L 33/00**  
[25] EN  
[54] **LIGHT EMITTING DEVICE AND DISPLAY**  
[54] **DISPOSITIF ELECTROLUMINESCENT ET DISPOSITIF D’AFFICHAGE**  
[72] SHIMIZU, YOSHINORI, JP  
[72] MORIGUCHI, TOSHIO, JP  
[72] NOGUCHI, YASUNOBU, JP  
[72] SAKANO, KENSHO, JP  
[71] NICHIA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1997-07-29  
[41] 1998-02-05  
[62] 2,262,136  
[30] JP (8/198585) 1996-07-29  
[30] JP (8/244339) 1996-09-17  
[30] JP (8/359004) 1996-09-18  
[30] JP (9/81010) 1997-03-31

[21] **2,481,367**  
[13] A1

[51] **Int.Cl. 7H04Q 3/42 7H04M 1/26 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A PUBLIC SWITCHED TELEPHONE NETWORK**  
[54] **PROCEDE ET APPAREIL POUR SYSTEME DE COMMUNICATION PRIVE DANS UN RESEAU TELEPHONIQUE COMMUTE PUBLIC**  
[72] YAFUSO, BYRON Y., US  
[72] ROGERS, STEVEN L., US  
[72] GROB, MATTHEW S., US  
[72] LEKVEN, ERIC J., US  
[71] QUALCOMM INCORPORATED, US  
[22] 1997-01-29  
[41] 1997-08-07  
[62] 2,244,929  
[30] US (08/595,566) 1996-02-01

[21] **2,481,368**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04L 12/24 7H04Q 3/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A PUBLIC SWITCHED TELEPHONE NETWORK**  
[54] **PROCEDE ET APPAREIL POUR SYSTEME DE COMMUNICATION PRIVE DANS UN RESEAU TELEPHONIQUE COMMUTE PUBLIC**  
[72] YAFUSO, BYRON Y., US  
[72] ROGERS, STEVEN L., US  
[72] GROB, MATTHEW S., US  
[72] LEKVEN, ERIC J., US  
[71] QUALCOMM INCORPORATED, US  
[22] 1997-01-29  
[41] 1997-08-07  
[62] 2,244,929  
[30] US (08/595,566) 1996-02-01

[21] **2,481,805**  
[13] A1

[51] **Int.Cl. 7B23K 26/08 7B23K 26/20**  
[25] EN  
[54] **LASER WELDER FOR PIPELINE**  
[54] **SOUDEUSE A LASER POUR PIPELINE**  
[72] JONES, RICHARD L., US  
[71] CRC-EVANS PIPELINE INTERNATIONAL, INC., US  
[22] 1995-01-05  
[41] 1996-04-12  
[62] 2,139,595  
[30] US (321,214) 1994-10-11

[21] **2,482,304**  
[13] A1

[51] **Int.Cl. 7A41D 13/00 7A61F 5/37**  
[25] EN  
[54] **TIGHTS-TYPE LEG SUPPORT GARMENT**  
[54] **VETEMENT DE PROTECTION DE PARTIES DE JAMBE PRESENTANT DES PARTIES CUISSE**  
[72] OYAMA, MAKOTO, JP  
[72] FUJII, TAKAKO, JP  
[71] WACOAL CORP., JP  
[22] 2001-04-18  
[41] 2001-11-01  
[62] 2,378,074  
[30] JP (2000-120095) 2000-04-20

[21] **2,482,628**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/36**  
[25] EN  
[54] **BANDWIDTH ALLOCATION METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF D’ATTRIBUTION DE LARGEUR DE BANDE**  
[72] HARPER, JOHN ANTHONY, FR  
[72] MACRIDIS, PHILIP, GB  
[71] INMARSAT LTD., GB  
[22] 1997-12-04  
[41] 1998-06-11  
[62] 2,273,784  
[30] GB (9625475.0) 1996-12-06

[21] **2,483,020**  
[13] A1

[51] **Int.Cl. 7C07D 257/04 7A61K 31/18 7C07C 311/19 7C07C 311/37 7A61K 31/41**  
[25] EN  
[54] **SULFONATED AMINO ACID DERIVATIVES AND METALLOPROTEINASE INHIBITORS CONTAINING THE SAME**  
[54] **DERIVES D’ACIDES AMINES SULFONES ET INHIBITEURS DE METALLOPROTEINASES CONTENANT CES DERIVES**  
[72] OHTANI, MITSUAKI, JP  
[72] TSUZUKI, HIROSHIGE, JP  
[72] WATANABE, FUMIHIKO, JP  
[71] SHIONOGI & CO., LTD., JP  
[22] 1997-01-22  
[41] 1997-07-31  
[62] 2,242,416  
[30] JP (30082/96) 1996-01-23

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,483,280**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH DECODER**  
[54] **GENERATRICE A TRAITEMENT VECTORIEL EXCITE, VOIX CODER/ DECODER**  
[72] EHARA, HIROYUKI, JP  
[72] YASUNAGA, KAZUTOSHI, JP  
[72] MORII, TOSHIYUKI, JP  
[72] WATANABE, TAISUKE, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-11-06  
[41] 1998-05-14  
[62] 2,355,978  
[30] JP (8-294738) 1996-11-07  
[30] JP (8-310324) 1996-11-21  
[30] JP (9-34583) 1997-02-19  
[30] JP (9-34582) 1997-02-19

[21] **2,483,295**  
[13] A1

[51] **Int.Cl. 7G05B 19/042 7H02B 1/015 7H02B 1/24**  
[25] EN  
[54] **ENERGY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE L'ENERGIE**  
[72] RENEAU, CHARLES E., US  
[72] MUNYON, TODD, US  
[72] GRAHAM, FREDRIC I., US  
[72] SIDERS, KEITH E., US  
[72] BROOKS, STANLEY J., US  
[72] JORDAN, SCOTT C., US  
[72] REID, DREW A., US  
[71] SQUARE D COMPANY, US  
[22] 2001-02-22  
[41] 2001-08-25  
[62] 2,337,728  
[30] US (60/184,911) 2000-02-25  
[30] US (09/765,915) 2001-01-18

[21] **2,483,322**  
[13] A1

[51] **Int.Cl. 7G10L 19/00 7G10L 21/02**  
[25] EN  
[54] **VARIABLE RATE VOCODER**  
[54] **VOCODEUR A DEBIT VARIABLE**  
[72] GARDNER, WILLIAM R., US  
[72] JACOBS, PAUL E., US  
[72] TSAI, MING-CHANG, US  
[72] GILHOUSEN, KLEIN S., US  
[72] LEE, CHONG U., US  
[72] LAM, S. KATHERINE, US  
[71] QUALCOMM INCORPORATED, US  
[22] 1992-06-03  
[41] 1992-12-23  
[62] 2,102,099  
[30] US (713,661) 1991-06-11

[21] **2,483,324**  
[13] A1

[51] **Int.Cl. 7G10L 21/02 7G10L 19/00**  
[25] EN  
[54] **VARIABLE RATE VOCODER**  
[54] **VOCODEUR A DEBIT VARIABLE**  
[72] TSAI, MING-CHANG, US  
[72] LAM, S. KATHERINE, US  
[72] JACOBS, PAUL E., US  
[72] GILHOUSEN, KLEIN S., US  
[72] LEE, CHONG U., US  
[72] GARDNER, WILLIAM R., US  
[71] QUALCOMM INCORPORATED, US  
[22] 1992-06-03  
[41] 1992-12-23  
[62] 2,102,099  
[30] US (713,661) 1991-06-11

[21] **2,483,419**  
[13] A1

[51] **Int.Cl. 7H04L 9/00 7G06F 13/00 7H04L 12/00 7G06F 9/44**  
[25] EN  
[54] **STEGANOGRAPHY SYSTEMS**  
[54] **SYSTEMES DE STEGANOGRAPHIE**  
[72] RHOADS, GEOFFREY B., US  
[71] DIGIMARC CORPORATION, US  
[22] 1996-05-07  
[41] 1996-11-14  
[62] 2,218,957  
[30] US (08/436,102) 1995-05-08  
[30] US (08/508,083) 1995-07-27  
[30] US (08/512,993) 1995-08-09  
[30] US (08/534,005) 1995-09-25  
[30] US (08/637,531) 1996-04-25

[21] **2,483,437**  
[13] A1

[51] **Int.Cl. 7H04R 1/20 7H04R 1/28**  
[25] EN  
[54] **SPEAKER APPARATUS**  
[54] **DISPOSITIF POUR HAUT-PARLEUR**  
[72] YOSHII, HIROYUKI, JP  
[72] NISHIKAWA, AKIRA, JP  
[72] KOWAKI, HIROSHI, JP  
[72] TSUMORI, KATSUHIKO, JP  
[71] FUJITSU TEN LIMITED, JP  
[71] TIMEDOMAIN CORPORATION, JP  
[22] 2001-11-09  
[41] 2002-05-10  
[62] 2,361,691  
[30] JP (2000-344214) 2000-11-10

[21] **2,483,440**  
[13] A1

[51] **Int.Cl. 7G09B 9/00 7G09B 9/08**  
[25] EN  
[54] **3-DIMENSIONAL APPARATUS FOR SELF-PACED INTEGRATED PROCEDURE TRAINING AND METHOD OF USING SAME**  
[54] **APPAREIL TRIDIMENSIONNEL POUR LA FORMATION PERSONNALISEE EN PROCEDURES INTEGREES, ET METHODE D'UTILISATION**  
[72] ASMAR, MICHELE, CA  
[72] ETHIER, LUC, CA  
[72] QUIMPER, REMI, CA  
[71] CAE INC., CA  
[22] 2002-05-07  
[41] 2003-08-11  
[62] 2,385,204

[21] **2,483,488**  
[13] A1

[51] **Int.Cl. 7G06F 3/14**  
[25] EN  
[54] **USER INTERFACE AND METHOD FOR MAXIMIZING THE INFORMATION PRESENTED ON A SCREEN**  
[54] **INTERFACE UTILISATEUR ET METHODE DE MAXIMISATION DES INFORMATIONS PRESENTEES SUR UN ECRAN**  
[72] JANSSEN, STEVE, CA  
[72] GOTTSTEIN-PURI, ANNETTE, CA  
[71] GALLIUM SOFTWARE INC., CA  
[22] 1997-02-19  
[41] 1998-08-19  
[62] 2,197,953

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[21] **2,483,611**

[13] A1

[51] **Int.Cl. 7G01V 3/18 7G01V 3/28  
7G01V 3/38**

[25] EN

[54] **HIGH RESOLUTION ARRAY**

**INDUCTION TOOL**

[54] **CONCEPTION D'UN OUTIL  
D'INDUCTION DE FAISCEAU HAUTE  
RESOLUTION**

[72] STRICKLAND, ROBERT W., US

[72] MERCHANT, GULAMABBAS A., US

[72] BESTE, RANDALL T., US

[72] BABIN, KENNETH, US

[71] HALLIBURTON ENERGY

SERVICES, INC., US

[22] 1999-12-14

[41] 2000-06-22

[62] 2,355,083

[30] US (60/112,161) 1998-12-14

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ANNIS, JEFFREY R.	2,469,515	BLADEN, ROY VICTOR	2,432,557	COURY, RICHARD	2,468,282
ANSEI CORPORATION	2,432,401	BLEDSE, GEORGE	2,467,270	COUSINS, LISA	2,470,452
ANTIPA, ADRIAN	2,470,422	BLOCKER, BRIGID	2,462,026	CROFT, CHARLES P.	2,468,654
API SEPLAST	2,470,233	BLUE DIAMOND INTERNATIONAL CAPITAL INC.	2,470,588	CROM CORPORATION	2,461,484
AQUA-TECHNIK LIMITED	2,432,557	BOART LONGYEAR CO.	2,431,824	CYR, GERARD L.	2,436,471
ARCTIC CAT INC.	2,469,990	BONNET, ANTHONY	2,470,355	CYR, GERARD L.	2,443,809
AREVA T&D SA	2,469,443	BOOCK, ROBERT	2,467,180	DANA CANADA CORPORATION	2,431,732
ARMSTRONG, LAURA L.	2,470,285	BOUCHARD, GUYLAINE	2,431,386	DARNELL, SCOTT	2,467,876
ARNOLD, AARON ANTHONY	2,469,579	BRAZELL, KENNETH M.	2,469,727	DAUGHERTY, TRACY M.	2,467,876
ARNOLD, JAMES E.	2,431,447	BRETON, GERARD A.	2,432,305	DAVID, LINDEE	2,431,473
ARVIN TECHNOLOGIES, INC.	2,468,282	BRETON, GERARD A.	2,437,462	DE VREEDE, MARCEL	2,467,001
ASATRYAN, KAREN	2,470,493	BREWIN, JOSEPH F.	2,470,298	DE VREEDE, MARCEL	2,467,002
ATC DYNAMICS INC.	2,431,183	BRITISH TELECOMMUNICATIONS PUBLIC COMPANY LIMITED	2,468,384	DEERE & COMPANY	2,470,034
ATOFINA	2,470,355	BRONIAK, JAY ANDREW	2,446,335	DEL BIANCO, SAMUEL	2,469,964
ATOMIC ENERGY OF CANADA LIMITED	2,469,537	BROWDER, JOHN	2,468,194	DEMERS, DANIEL	2,430,551
AVAYA TECHNOLOGY CORP.	2,464,201	BROZENICK, NORMAN J.	2,469,539	DENNERT PORAVER GMBH	2,470,691
AVENTIS PHARMA S.A.	2,431,557	BRUBACHER, DOUGLAS KEITH	2,464,787	DENTON, ROBERT	2,470,797
AVENTIS PHARMA S.A.	2,431,560	BURNS, BRADLEY GERALD	2,431,604	DEPUY MITEK, INC.	2,467,180
BACQUE, ERIC	2,431,557	BURNS, MARVIN D.	2,466,785	DESKTOPSITES INC.	2,470,285
BACQUE, ERIC	2,431,560	BURNS, MARVIN D.	2,466,801	DESMAZEAU, PASCAL	2,431,557
BADRAK, ROBERT	2,470,592	BURNS, MARVIN D.	2,469,989	DESMAZEAU, PASCAL	2,431,560
BAKANOWSKI, STEPHEN MICHAEL	2,461,794	BYRD, NORMAN R.	2,469,979	DETROIT DIESEL CORPORATION	2,467,473
BARBISON, JAMES M.	2,468,282	CALANDRA, FRANK N.	2,469,722	DEXTRADEUR, ALAN J.	2,470,775
BARGALE, SUKUMAR DHANPAL	2,461,794	CAMCO CUTTING TOOLS LTD.	2,470,208	DIALIGHT CORPORATION	2,469,527
BARKER, MARK EUGENE	2,470,034	CANTERBURY, STEPHEN A.	2,470,326	DLUGAS, WOLFGANG	2,469,775
BARRIERE, JEAN-CLAUDE	2,431,557	CARBAJAL, FRANCISCO J.	2,470,314	DOAK, ARTHUR	2,469,970
BARRIERE, JEAN-CLAUDE	2,431,560	CARDONA, EDGARDO	2,431,627	DOEDEN, KENNETH	2,453,472
BARRI, BARRY B.	2,431,975	CAULDWELL, NATHAN	2,467,180	DOOLAEGE, DAVID	2,454,311
BATEMAN, ROBERT HAROLD	2,431,603	CEM MACHINE, INC.	2,470,318	DRESSLER, LYLE	2,431,700
BATEMAN, ROBERT HAROLD	2,453,852	CERTICOM CORP.	2,470,422	DUERNBERGER, GERHARD	2,469,432
BATES, AARON L.	2,469,781	CETRAM PTY LIMITED	2,469,579	DUMONT, GILLES	2,431,523
BAUER, MARK D.	2,466,783	CHACON, STEVEN	2,431,183	DUMONT, MARC	2,468,066
		CHAGNOT, PHILIPPE	2,470,810	DUZAN, HOWARD W., JR.	2,467,270
		CHARPIE, MARK E.	2,466,783	DYCUS, WILLIAM V.	2,431,824
				EASTMAN CHEMICAL COMPANY	2,466,999
				EASTMAN CHEMICAL COMPANY	2,467,001

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EASTMAN CHEMICAL COMPANY	2,467,002	HABERSTROH, JAMES A.	2,464,988	IONICS MASS SPECTROMETRY GROUP, INC.	2,470,452
ELFORD, WENDALL WAYNE	2,431,604	HAGEN, HANS T., JR.	2,469,986	ITAYA, YUKIYASU	2,431,436
ENGELBRECHT, JOSHUA JACOB	2,470,034	HALLIBURTON ENERGY SERVICES, INC.	2,469,997	IZARD, JOHN W.	2,431,732
ENGLFIELD, DEREK JOHN	2,432,557	HAMMERS, MICHAEL	2,470,613	JAKOWEC, IHOR	2,431,840
ERBACH, STEVEN ALDEN	2,432,267	HANE, SHINGO	2,437,645	JANSEN-ORTHO, INC.	2,431,473
ERICKSON, KEVIN H.	2,468,282	HANNA, GREGORY SCOTT	2,465,463	JAVAHERY, GHOLAMREZA	2,470,452
ERSKINE, IAN S.	2,431,843	HANSON, CASS A.	2,469,969	JEWELL, GLEN ALVIN	2,431,281
EVERTS, ROBERT G.	2,469,727	HARR TECHNOLOGIES, LLC	2,469,603	JOLLIFFE, CHARLES L.	2,470,452
F. HOFFMANN-LA ROCHE AG		HARR, ROBERT E.	2,469,603	JOO, SUNG-TAE	2,451,921
	2,469,992	HASHIBA, YASUHIRO	2,432,401	KAJI, TADASHI	2,437,645
FAREWELL, RONALD W.	2,468,282	HASHIMOTO, KEN	2,470,551	KAMEI, TOSHIYA	2,431,436
FERRER, DAVID A.	2,470,217	HASLETT, TOM	2,431,969	KAPPLER, JERROD AARON	2,446,335
FISHMAN, NEIL S.	2,467,876	HAUBENNESTEL, KARLHEINZ	2,469,989	KEENER, STEVEN G.	2,469,979
FOCUS AUTO DESIGN INC.	2,431,289	HEAD, JESSE S.	2,462,026	KEMBAIYAN, KUMAR T.	2,466,436
FOREST, DANIEL L.	2,431,620	HEEL, PATRICIA	2,470,797	KESHAVAN, MADAPUSI K.	2,470,797
FORSBERG PACKAGING CO., LLC	2,468,654	HEPWORTH, NEIL	2,464,201	KESTNER, JOHN A.	2,468,101
FORSBERG, ROBERT W.	2,468,654	HERELIER, PATRICK	2,469,698	KINEDYNE CORPORATION	2,431,627
FORTIN, ANOUK	2,431,425	HESSION, JOHN A.	2,470,298	KING, THOMAS R.	2,468,282
FRASER, MICHAEL A.	2,432,239	HEW-KABEL/CDT GMBH & CO. KG	2,469,775	KINGSTON GENERAL HOSPITAL	2,470,027
FRIEDRICH, SEBASTIAN	2,466,819	HIDALGO, CRAIG A.	2,470,298	KINNY, DAVID LAURENCE	2,461,794
FUESSEL, JASON M.	2,431,975	HIEI, MICHIIYA	2,431,436	KINZEL, STANLEY GRANT	2,431,289
FUHRIG, THOMAS ROY	2,465,463	HILARIO, DAVID	2,430,551	KLASSEN, ABRAM	2,460,242
FUJI KIKO CO., LTD.	2,470,283	HILGERS, MICHAEL	2,469,969	KLINGER AG	2,469,693
FUJIMURA, TATSUYA	2,450,629	HITACHI, LTD.	2,437,645	KOBAYASHI, YOSHIKAZU	2,470,226
FUJISHIRO, TAKAHIRO	2,437,645	HOHLFELD, ANDREAS	2,469,706	KOBETSKY, ROBERT G.	2,466,785
FUOCO, MAURICE	2,469,983	HOHLFELD, ANDREAS	2,470,028	KOBETSKY, ROBERT G.	2,466,801
G & E HERBAL BIOTECHNOLOGY CO., LTD.	2,455,425	HOHLFELD, ANDREAS	2,470,032	KONDOU, YOSHINOBU	2,470,283
GADDIS, PAUL G.	2,469,970	HOLTZMAN, BARRY L.	2,468,017	KOSMYNA, MICHAEL J.	2,466,785
GAGNON, PAUL-ANDRE	2,431,350	HOMELITE TECHNOLOGIES LIMITED	2,470,321	KOSMYNA, MICHAEL J.	2,466,801
GALLISTEL, LORIN R.	2,462,009	HORI, MASATO	2,470,226	KOSTENIUK, STEVE	2,431,608
GALSTIAN, TIGRAN	2,470,493	HORTON, W. TRAVIS	2,469,700	KRAPPE, UDO	2,469,989
GATECLIFF, GEORGE W.	2,466,405	HORTON, WILLIAM	2,466,405	KRAUS, ROBERT G.	2,470,775
GAVEL, ROBERT	2,431,734	HOSIE, DAVID GRAHAM	2,470,592	KREHEL, MARK	2,470,208
GENERAL ELECTRIC COMPANY	2,446,335	HOYES, JOHN BRIAN	2,453,852	KROPLA, WILLIAM C.	2,432,239
GENERAL ELECTRIC COMPANY	2,461,794	HUELSEMANN, MICHAEL	2,469,706	KUMAGAI, YOKO	2,437,645
GENERAL ELECTRIC COMPANY	2,462,026	HUELSEMANN, MICHAEL	2,470,028	KUO, KOU-WHA	2,455,425
GENTLE, CHRISTOPHER REON	2,464,201	HUELSEMANN, MICHAEL	2,470,032	KUPPUSWAMY, RAJA	2,469,443
GERKIS, ANTHONY	2,431,847	HUNTER FAN COMPANY	2,469,440	KUTCHCOSKIE, KEITH	2,469,537
GILES, KEVIN	2,431,603	HUNTER FAN COMPANY	2,470,314	KUYT, EDWIN	2,469,731
GIROD, PIERRE	2,469,978	HURT, DANIEL P.	2,469,955	LACOSTE, JUDE	2,430,225
GKD-GEBR. KUFFERATH AG	2,470,613	HY-RISE SCAFFOLDING LTD.		LAGACE, JOHANNE	2,430,551
GNADINGER, ERRIN WHITNEY	2,446,335		2,475,339	LALLY, EDWARD DAVID	2,469,979
GOK, HUSEYIN GOKMEN	2,464,787	ILLINOIS TOOL WORKS INC.	2,464,988	LANDRY, FREDERIC	2,431,350
GONCALVES, NELSON C.	2,468,282	ILLINOIS TOOL WORKS INC.	2,466,783	LANGLOIS, VINCENT	2,431,554
GOSIS, ANATOLY	2,466,783	ILLINOIS TOOL WORKS INC.	2,466,785	LANGRIDGE, JAMES IAN	2,453,852
GOSIS, ANATOLY	2,466,785	ILLINOIS TOOL WORKS INC.	2,466,801	LATTE, JOERG	2,469,693
GOSIS, ANATOLY	2,466,801	INABA, EI	2,470,283	LAVEAU, STEPHANE	2,464,201
GRAEF, JUERGEN	2,469,706	INBE, TOSHIO	2,470,445	LEE, BYUNG-JO	2,467,151
GRAEF, JUERGEN	2,470,028	INERTEC	2,470,695	LEE, LYNDON CHI-HANG	2,468,384
GRAEF, JUERGEN	2,470,032	INFOGRAPH TECHNOLOGIES INC.	2,431,554	LEGACY HOLDINGS, INC.	2,469,955
GRIFFO, ANTHONY	2,470,797	INOUE, AKIRA	2,470,551	LEMM, JOHN RICHARD	2,468,371
GRODECKI, LAWRENCE S.J.	2,431,975	INOUE, KYOICHI	2,470,283	LENZ, DON	2,430,825
GRUBBS, MICHAEL R.	2,469,970	INTERNATIONAL CURRENCY TECHNOLOGIES CORPORATION	2,431,628	LEON, J.P.	2,469,433
GRUNDMANN, STEVEN R.	2,469,997	INTERNATIONAL DEVELOPMENT CORPORATION	2,468,194	LEWALLEN, BRIAN A.	2,467,473
GUNNESS, CLARK	2,461,484	INTERTECHNIQUE	2,469,964	LI, JINTONG	2,469,537
GUY, LOUIS-GEORGES	2,431,425			LI, WEI	2,431,969
				LIAO, YI-CHIA	2,431,968
				LIFESCAN, INC.	2,469,969
				LIN, ROBERT	2,466,999
				LIN, ROBERT	2,467,001
				LIN, ROBERT	2,467,002
				LOTT, JOHN S.	2,470,027
				LUDWIG, KRISTINE NICOLE	2,465,463

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M & C PRODUCTS		NORTEL NETWORKS		RAYMAN, WILLIAM EARL	2,465,463
ANALYSENTECHNIK		LIMITED	2,462,009	REGER, STEVEN I.	2,431,627
GMBH	2,468,638	NOWOSAD, ANTHONY W.	2,432,254	REIMER TECHNOLOGY	
M KAINDL	2,469,432	NRGEN INC.	2,431,467	GROUP INC.	2,432,239
MACKAY, ALEXANDER		OCHIAI, MANABU	2,431,295	REITZ, DONALD D.	2,467,875
CRAIG	2,470,592	OCHIAI, MANABU	2,431,353	RENE, PIERRE	2,431,805
MAGNETIC SEPARATION		OCHITWA, CORY W.	2,431,975	RESEARCH IN MOTION	
SYSTEMS, INC.	2,469,970	OLIFF, JIMMY	2,469,781	LIMITED	2,470,750
MANOLE, DAN M.	2,469,733	O'MALLEY, BILL	2,460,242	RESELLI, ALESSANDRO	2,447,943
MARSHALL, W. JOHN S.	2,470,027	ONE WORLD		RICE, ROY A.	2,469,515
MARTENS, KYLE	2,431,082	TECHNOLOGIES		RICHARDS, DAVID	2,431,467
MARTIN, LUC	2,431,454	LIMITED	2,469,727	RICHARDS, MICHAEL R.	2,431,430
MATHIEU, FABRICE	2,470,810	OROZCO, GAVALDON		RIKENKAKI KOGYO	
MATSUI, NORIZUMI	2,470,445	HUMBERTO	2,459,837	KABUSHIKI KAISHA	2,431,295
MATTHEE, PETER	2,469,989	ORUBOR, LAWRENCE	2,431,445	RIKENKAKI KOGYO	
MAVINAHALLY, NAGESH S.	2,470,321	OUELLET, MATHIEU	2,430,551	KABUSHIKI KAISHA	2,431,353
MAYFIELD, PAUL G.	2,464,784	OWUSU, GILBERT KWAME	2,468,384	RITTER, MICHAEL G.	2,469,971
MCADAM, PERRY	2,468,381	PARTIKIAN, KARINE	2,430,990	ROBERGE, BENOIT	2,430,542
MCCAMBRIDGE, JAMES E.	2,470,038	PASCAL, THIERRY	2,470,355	ROBERGE, BENOIT	2,469,763
MCCULLOUGH, DAVID JOHN		PATENT-TREUHAND-		ROBINSON, MARK D.	2,470,318
	2,469,579	GESELLSCHAFT FUER		ROBITAILLE, MARTIN	2,430,838
MCELHINNEY, GRAHAM A.	2,470,305	ELEKTRISCHE		ROCKWELL AUTOMATION	
MEADS, RICHARD JAMES	2,468,371	GLUEHLAMPEN MBH	2,469,575	TECHNOLOGIES, INC.	2,469,515
MEADWESTVACO		PATENT-TREUHAND-		RODRIGUEZ, ALBERTO	2,469,731
PACKAGING SYSTEMS		GESELLSCHAFT FUER		ROMETTY, JOHN A.	2,464,988
LLC	2,469,781	ELEKTRISCHE		ROMMELMANN, HEIKO	2,469,731
MECHELKE, JOEL	2,469,969	GLUEHLAMPEN MBH	2,469,706	RONAN, BAPTISTE	2,431,557
MEDISTAR BIOTECH INC.	2,431,113	PATENT-TREUHAND-		RONAN, BAPTISTE	2,431,560
MEIKO PET CORPORATION	2,431,277	GESELLSCHAFT FUER		ROTHSCHILD, WAYNE H.	2,470,324
MELTON, SCOTT A.	2,470,038	ELEKTRISCHE		ROY, CLAUDE	2,431,792
MELTON, SCOTT A.	2,470,039	GLUEHLAMPEN MBH	2,470,028	RUDOLPH, BERND	2,469,575
MESSIER-BUGATTI	2,469,978	PATENT-TREUHAND-		RUSSO-BARONE, SUSANNA	2,431,342
MICROMASS UK LIMITED	2,431,603	GESELLSCHAFT FUER		RUSTEMEYER, ULRICH	2,469,693
MICROMASS UK LIMITED	2,453,852	ELEKTRISCHE		SADEGHI, SEYED MOSTAFA	2,431,969
MICROSOFT CORPORATION	2,464,784	GLUEHLAMPEN MBH	2,470,032	SAES GETTERS S.P.A.	2,467,790
MICROSOFT CORPORATION	2,464,787	PATHFINDER ENERGY		SAHASHI, YASUNORI	2,432,401
MICROSOFT CORPORATION	2,467,876	SERVICES, INC.	2,470,305	SAINT-GOBAIN BAYFORM	
MIURA CO., LTD.	2,469,541	PAULL, GEORGE	2,430,908	CANADA, INC.	2,431,624
MOEHLER, HANNS P.	2,469,992	PAULY-EVERS, MEIKE	2,469,992	SAKAKIBARA, AKIRA	2,447,071
MOLNAR, WILLIAM S.	2,469,345	PEARSON, TIMOTHY B.	2,464,988	SAMBAR, HOMER S.	2,469,515
MONDO SPA	2,469,291	PELETON PHOTONIC		SAMSUNG GWANGJU	
MORAJA, MARCO	2,467,790	SYSTEMS INC.	2,478,738	ELECTRONICS CO., LTD.	2,451,921
MORRIS INDUSTRIES LTD.	2,431,975	PENA, GILLES	2,469,964	SAMSUNG GWANGJU	
MOWATT, ROBERT D.	2,469,700	PENG, ZHENG	2,449,584	ELECTRONICS CO., LTD.	2,467,151
MURASHIMA, KIYOTAKA	2,470,551	PENTZEK, ANDREA	2,469,989	SANDVIK AB	2,467,950
NAGAYAMA ELECTRONIC		PERALTA, CESARE	2,469,979	SATO, KIMHIKO ERNST	2,430,242
INDUSTRY CO., LTD.	2,469,973	PETERSON, RANDALL S.E.	2,470,588	SATO, KIMHIKO ERNST	2,430,356
NAGAYAMA, YUTAKA	2,469,973	PHILIP, ROLFE	2,431,467	SCHEUBEL, GERARD	2,431,336
NAOUI, MOHAMMED	2,430,349	PHOTONAMI INC.	2,431,969	SCHLOEGL, ANTON	2,469,706
NATIONAL-OILWELL, L.P.	2,469,958	PIAT, CLAUDE	2,470,233	SCHLOEGL, ANTON	2,470,028
NAVIGATOR		PIRINGER, STEPHAN	2,469,693	SCHLOEGL, ANTON	2,470,032
INTERNATIONAL		POLLACK, RONALD M.	2,469,751	SCHMID, HERMANN	
MARKETING LTD.	2,431,734	PORTARO, LAWRENCE		ANDREAS	2,470,691
NEAL, KENNETH G.	2,469,997	MICHAEL	2,461,794	SCHWAMBORN, KLAUS	2,469,775
NEC CORPORATION	2,469,124	POURTIER, FABRICE	2,469,698	SEGATTA, THOMAS JOSEPH	2,465,463
NEC INFRONTIA		POWELL, JOSEPH BROWN	2,469,696	SHAMS-ZADEH-AMIRI, ALI	
CORPORATION	2,470,226	POWERS, THOMAS J.	2,470,298	M.	2,431,969
NEOPOST INDUSTRIE SA	2,469,433	PRESNIAKOV, VLADIMIR	2,470,493	SHAPIRO, RITALEE	2,431,596
NIPPON FILCON CO., LTD.	2,450,629	PREVEYRAUD, LAURENT	2,469,964	SHARKEY, DOUGLAS ALLAN	
NIPPON PAINT CO., LTD.	2,470,445	PRINCIPE, GIUSEPPE	2,447,943		2,469,759
NISSAN MOTOR CO., LTD.	2,470,283	QUENNEVILLE, LOUISE	2,431,072	SHELL INTERNATIONALE	
NONIS, AARON J.	2,467,876	RACCHINI, JOEL	2,469,969	RESEARCH	
NORIMATSU, NAOKI	2,470,283	RADEMACHER, THOMAS	2,469,969	MAATSCHAPPIJ B.V.	2,469,696
NORSEMAN PLASTICS		RAGHUNATHAN, NARAYAN	2,431,444	SHELTON, MARK A.	2,464,599
LIMITED	2,431,444	RAMESH, MANTHA	2,431,847	SHIBATA, TOSHIKAZU	2,470,551
		RAMFEL, BARBARA	2,470,355	SHIROKI CORPORATION	2,432,401

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SIASPRINT S.R.L.	2,447,943	TRIBALLIER, KARINE	2,470,355	YASUDA, MITSUHIRO	2,470,445
SILAY, LOUIS E.	2,431,824	TSUI, GALLEN KA LEUNG	2,471,975	YOU, CHENHUA	2,469,527
SIMPSON, NEIL ANDREW ABERCROMBIE	2,470,592	TSUI, PHILIP Y. W.	2,471,975	ZIMMERMAN, PATRICK J.	2,469,971
SIMPSON, NEIL ANDREW ABERCROMBIE	2,470,610	TUSTISON, RONALD M.	2,464,599	ZOELLNER, OLAF	2,469,539
SINTON, ALEXANDER J.	2,470,298	TWESTEN, KAREN	2,469,706	ZURAWEL, PETER	2,431,732
SIRACKI, MICHAEL A.	2,470,797	TWESTEN, KAREN	2,470,028		
SMITH INTERNATIONAL, INC.	2,466,436	TWESTEN, KAREN	2,470,032		
SMITH INTERNATIONAL, INC.	2,470,797	U-HAUL INTERNATIONAL, INC.	2,468,101		
SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT	2,469,698	U-HAUL INTERNATIONAL, INC.	2,468,321		
SPAULDING, GREG	2,469,990	UHL, KLAUS-MARTIN	2,466,819		
SRINIVASAN, VENKATARAMAN	2,468,101	UNIPRES CORPORATION	2,470,000		
SRINIVASAN, VENKATARAMAN	2,468,321	UNIVERSITE LAVAL	2,470,493		
STALNACKE, GUNNAR	2,467,950	VAN KRUCHTEN, EUGENE MARIE GODFRIED ANDRE	2,469,696		
STEFANOIU, DAN CONSTANTIN	2,431,732	VANAGAN, PETER	2,475,339		
STORM, DAVID B.	2,431,729	VELAN, G. MICHAEL	2,466,783		
STOUT, PHIL	2,469,969	VELAN, G. MICHAEL	2,466,785		
STROPPIANA, FERNANDO	2,469,291	VELAN, G. MICHAEL	2,466,801		
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,470,551	VERGIELS, MICHAEL R.O.	2,469,722		
SUPPIAH, SELLATHURAI	2,469,537	VERMEEREN, THOMAS HUBERT	2,431,280		
SUZUKI, NOBUHIDE	2,470,000	VERSCHUERE, DAVID	2,470,695		
SWANDER, BRIAN D.	2,464,784	VESELIC, DUSAN	2,470,750		
TAKACS, JOSEPH JR.	2,431,627	VILANDRE, GILLES	2,430,962		
TAKAHASHI, YUKIKAZU	2,470,000	VIRGINAS, BOTAND ISTVAN	2,468,384		
TAKEDA, TOMOHISA	2,469,541	VOEGE, JAMES A.	2,470,217		
TAKEMOTO YUSHI KABUSHIKI KAISHA	2,431,436	VOLD, TONY CLIFFORD	2,431,430		
TAKEUCHI, JUNICHI	2,437,645	VOUDOURIS, CHRISTOS	2,468,384		
TAKEUCHI, SHIGERU	2,432,401	W. S. MOLNAR COMPANY	2,469,345		
TANAKA, DON	2,470,023	WAHL CLIPPER CORPORATION	2,470,038		
TANSANU, DAN	2,431,554	WAHL CLIPPER CORPORATION	2,470,039		
TARR, RONALD SCOTT TECUMSEH PRODUCTS COMPANY	2,461,794	WALKER, STACY JAMES	2,431,604		
TECUMSEH PRODUCTS COMPANY	2,466,405	WANG, CHIAO-MING	2,431,277		
TECUMSEH PRODUCTS COMPANY	2,469,700	WANG, ZHIGANG	2,431,113		
TECUMSEH PRODUCTS COMPANY	2,469,733	WARD, DAVID G.	2,469,971		
TEDJAR, FAROUK	2,470,695	WAREING, RICHARD T.	2,432,239		
TETTLETON, TAB	2,469,958	WEATHERFORD/LAMB, INC.	2,469,971		
TEXEL INC.	2,431,336	WEATHERFORD/LAMB, INC.	2,470,592		
THE BOEING COMPANY	2,464,599	WEATHERFORD/LAMB, INC.	2,470,610		
THE BOEING COMPANY THE FIRST YEARS INC.	2,469,979	WEBER, ARNETT R.	2,468,282		
THE GOODYEAR TIRE & RUBBER COMPANY	2,470,298	WEI, KUN-LIAN	2,467,617		
THE GOODYEAR TIRE & RUBBER COMPANY	2,465,463	WERTH, MICHAEL	2,470,355		
THIBODEAU, ANDRE	2,465,758	WEYERHAEUSER COMPANY	2,467,270		
THIE, MATTHEW G.	2,478,888	WHALEY, TIM	2,470,020		
THOMAS, ALFRED	2,470,217	WHANGER, KEN	2,470,592		
THOMSON, JOHN	2,470,324	WHITE, ALYSIA C.	2,470,797		
TIAN, YING LIANG	2,431,467	WILDGOOSE, JASON LEE	2,453,852		
TINKHAM, LEROY N.	2,431,113	WIRE ROPE INDUSTRIES LTD./INDUSTRIES DE CABLES D'ACIER LTEE	2,431,350		
TOCZYCKI, JAN	2,470,797	WMH TOOL GROUP, INC.	2,432,267		
	2,466,785	WMS GAMING INC.	2,470,324		
		WMS GAMING INC.	2,470,326		
		WOLFORD, DERRELL	2,431,423		
		WRAPPED APPS CORPORATION	2,431,454		
		WYLIE, DOUGLAS H.	2,431,624		
		XEROX CORPORATION	2,469,731		
		XU, ZHAOXIA	2,449,584		

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3M INNOVATIVE PROPERTIES		ALFREY, PAUL	2,450,549	PETER	2,484,015
COMPANY	2,480,917	ALLAWI, HATIM TAYSIR	2,477,698	AUER, ROBERT T.	2,481,356
3M INNOVATIVE PROPERTIES		ALLEN, STEPHEN	2,481,050	AUERBACH, BRUCE JEFFREY	2,481,246
COMPANY	2,480,919	ALLERGAN SALES, INC.	2,471,589	AUGUSTINE, SCOTT D.	2,480,830
3M INNOVATIVE PROPERTIES		ALLERGAN, INC.	2,481,036	AVCI, OKTAY	2,481,499
COMPANY	2,480,921	ALSTOM TECHNOLOGY LTD	2,481,111	AVENTIS PASTEUR LIMITED	2,477,429
3M INNOVATIVE PROPERTIES		ALTIERI, GREIG E.	2,481,170	AVENTIS PHARMA	
COMPANY	2,480,938	AMERSHAM BIOSCIENCES		DEUTSCHLAND GMBH	2,481,300
3M INNOVATIVE PROPERTIES		CORP	2,481,094	AVENTIS PHARMA S.A.	2,476,846
COMPANY	2,480,939	AMERSHAM BIOSCIENCES		AVENTIS PHARMACEUTICALS	
3M INNOVATIVE PROPERTIES		MEMBRANE		INC.	2,476,770
COMPANY	2,480,945	SEPARATIONS CORP.	2,480,657	AVENTIS PHARMACEUTICALS,	
3M INNOVATIVE PROPERTIES		AMFIT, INC.	2,481,245	INC.	2,477,429
COMPANY	2,480,950	AMGEN INC.	2,481,074	AVON PRODUCTS, INC.	2,477,748
3M INNOVATIVE PROPERTIES		AMISAR, SHAI	2,480,812	AWAD, MOHAMED ISMAIL	2,480,874
COMPANY	2,480,967	AMMERMANN, EBERHARD	2,480,614	AYYAGARI, MADHU	2,480,577
3M INNOVATIVE PROPERTIES		AMMERMANN, EBERHARD	2,480,701	BABICH, JOHN W.	2,482,327
COMPANY	2,481,031	AMPAFRANCE	2,479,950	BACHMEIR, XAVER	2,480,702
3M INNOVATIVE PROPERTIES		ANCHOR WALL SYSTEMS, INC.		BACKLUND, HANS-OLOF	2,480,587
COMPANY	2,481,095		2,480,862	BACKLUND, HANS-OLOF	2,480,589
3M INNOVATIVE PROPERTIES		ANCLIFF, RACHAEL ANN	2,480,106	BADANGIZ, VERAM	2,481,216
COMPANY	2,481,122	ANDERSON, THOMAS PETER	2,480,830	BADER, JEFFREY C.	2,480,862
3M INNOVATIVE PROPERTIES		ANDO, KIYOSHI	2,481,710	BADER, WILLIAM F.	2,480,919
COMPANY	2,481,500	ANDOU, KEISUKE	2,480,973	BAE, BEOM-SIK	2,480,669
A.L.M.T. CORP.	2,480,787	ANDREASSON, KJELL	2,480,469	BAICHWAL, ANAND R.	2,481,091
A.L.M.T. CORP.	2,480,794	ANDREWS, STEVEN W.	2,481,036	BAILEY, PAUL W.	2,480,862
ABB AB	2,481,019	ANGERS, CHRISTIAN	2,480,780	BAIRD, GEOFFREY S.	2,481,328
ABBENANTE, GIOVANI	2,480,578	ANGOV, EVELINA	2,480,786	BAKER HUGHES	
ABBOTT LABORATORIES	2,480,055	ANTZELEVITCH, CHARLES	2,481,192	INCORPORATED	2,481,096
ADACHI, SHINYA	2,480,474	ARES TRADING S.A.	2,480,972	BANAS, ANTONI	2,480,724
ADACHI, YOSHIFUMI	2,481,490	ARIMILLI, MURTY N.	2,481,261	BANYAN LICENSING LLC	2,479,909
ADAMSON, GEORGE	2,480,578	ARIZA, MARIA EUGENIA	2,477,795	BARBER, BRIAN	2,477,429
ADVENT GLOBAL, S.L.	2,481,242	ARIZANT HEALTHCARE INC.	2,480,830	BARBOUR, ROBERT H.	2,480,644
AGRAWAL, ARCHANA	2,480,808	ARMSTRONG DLW AG	2,480,592	BARNES, CHRISTOPHER	2,481,026
AHLSTROM CORPORATION	2,480,643	ARNAUT, FILIP	2,481,290	BARON, JOHN	2,480,108
AHLSTROM RESEARCH AND		ARNOLD, RANDALL CHARLES	2,480,830	BARON, KENNETH	2,481,103
SERVICES	2,480,643	ARNOTT, ROBERT, D.	2,481,506	BARR LABORATORIES, INC.	2,481,309
AHMED, KHALIQ	2,480,611	ARNOULD, SYLVAIN	2,479,153	BARTH, ANDREAS	2,480,739
AIRCABIN GMBH	2,481,464	ARONHIME, JUDITH	2,480,764	BARTHEL, JAMES	2,481,038
AKAMAI TECHNOLOGIES, INC.	2,481,029	ART JEN COMPLEXUS, INC.	2,480,668	BARTHAM, PHILLIP	2,481,298
AKERLUND, ROGER	2,480,469	ART, WAGNER	2,480,147	BASF AKTIENGESELLSCHAFT	2,480,614
AKZO NOBEL COATINGS		ARTERS, DAVID C.	2,480,644	BASF AKTIENGESELLSCHAFT	2,480,701
INTERNATIONAL B.V.	2,480,940	ARTISS, JOSEPH D.	2,480,668	BASF AKTIENGESELLSCHAFT	2,481,222
ALAPURANEN, PERTTI	2,480,803	ARTZIELY, AYAL	2,464,950	BASF AKTIENGESELLSCHAFT	2,481,435
ALBERT EINSTEIN COLLEGE		ASAMI, KAZUYASU	2,480,890	BASF CORPORATION	2,480,189
OF MEDICINE OF		ASANUMA, HAJIME	2,478,889	BASF PLANT SCIENCE GMBH	2,480,724
YESHIVA UNIVERSITY	2,480,470	ASBAS, MICHAEL	2,480,820	BASFORD, PATRICIA ANN	2,481,482
ALBERTI, GIULIO	2,479,314	ASBAS, MICHAEL	2,480,823	BASHYAM, RAGHAVAN	2,480,101
ALCHEMIA LIMITED	2,480,578	ASHLEY, CHARLES	2,480,999	BASLER, HERMANN	2,480,735
ALDEN, TOR	2,480,999	ASTRAZENECA AB	2,481,139	BATES, SUSAN E.	2,481,466
ALEKSANDROV, SERGEY	2,480,590	AT&T CORP.	2,481,080	BAUM, THOMAS	2,480,722
ALEX, ARUN	2,480,897	ATLAS COPCO ROCK DRILLS		BAUSCH & LOMB	
ALEXANDER, DAVID	2,481,108	AB	2,481,003	INCORPORATED	2,480,577
ALFA LAVAL COPENHAGEN A/		ATOTECH DEUTSCHLAND		BAUSS, FRIEDER	2,481,142
S	2,480,715	GMBH	2,481,133	BAVARIAN NORDIC A/S	2,481,783
		ATTAR, RASHID A.	2,481,127	BAVARIAN NORDIC A/S	2,481,799

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BAYLIN, STEPHEN B.	2,478,592	BRANDYWINE ENERGY AND DEVELOPMENT		CAUSEVIC, ELVIR	2,480,798
BAZZARELLA, RICARDO	2,480,960	COMPANY, INC.	2,480,228	CELESTAR LEXICO-SCIENCES, INC.	2,480,671
BECHET, FREDERIC	2,481,080	BRASCHI, ALESSANDRO MARIA	2,480,882	CELLECTIS	2,479,153
BECHTEL BWXT IDAHO, LLC	2,481,360	BRATTON, LARRY DON	2,481,246	CENTRE NATIONAL DE LA RECHERCHE	
BECKER, CHRISTOPHER HENRY	2,480,700	BRAUN, RALPH PATRICK	2,484,044	SCIENTIFIQUE	2,476,846
BECKER, MARK M.	2,481,261	BREINIG, ROBERT J.	2,480,847	CERAMIC FUEL CELLS LIMITED	2,480,611
BEGUINOT, JEAN	2,480,651	BRENNER, ANDREAS	2,480,766	CEZANNE, BERTRAM	2,481,026
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BEHYMER, LANCE E.	2,480,917	BRIGHT, ERIC	2,480,674	CHAMES, PATRICK	2,479,153
BELANSKY, CAROL ANN	2,480,999	BRINKERHOFF, LEIGH W.	2,477,240	CHAO, YI-JU	2,481,083
BELARDINELLI, LUIZ	2,481,192	BRISTOL-MYERS SQUIBB COMPANY	2,481,092	CHAO, YI-JU	2,481,270
BELL, ALAN	2,480,994	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED		CHAPPEY, COLOMBE	2,476,403
BELLAMAH, STEPHEN J.	2,480,886	COMPANY	2,480,676	CHARI, RAVI V.J.	2,480,759
BELLINETTO, ENRICO	2,481,001	BROOKBANK, THOMAS A.	2,480,224	CHATTORAJ, INDRANIL	2,480,808
BELLISARIO, MARC	2,480,579	BROOKS, JENNIFER L.	2,477,795	CHAVANOZ INDUSTRIE	2,481,249
BENSON, MARK A.	2,483,628	BROUWER, GERALD A.	2,481,044	CHEF'N CORPORATION	2,480,650
BEREZDIVIN, ROBERTO	2,480,847	BROWN, DAVID GRAHAM	2,478,059	CHEN, JAMES M.	2,481,261
BERG, ALAN D.	2,480,718	BRUCE, PHILLIP, III	2,480,990	CHEN, JAMES M.	2,481,285
BERG, ALAN D.	2,480,720	BRUCE, PHILLIP, III	2,477,795	CHEN, JEFFREY	2,481,108
BERGER, MARKUS	2,481,012	BRUNGS, ANDERS	2,483,951	CHEN, XIAOWU	2,481,261
BERTHEAS, JACQUES	2,481,106	BRYANT, CLIFFORD	2,481,261	CHEN, XIAOWU	2,481,285
BHANG, CHAN-JEOM	2,480,612	BTG INTERNATIONAL LTD.	2,480,882	CHENARD, BERTRAND L.	2,480,888
BHATIA, RAVIDEEP	2,480,897	BUISER, MARCIA	2,480,579	CHENG, SU	2,477,429
BICKER, ROLAND	2,480,710	BUKHIN, MICHAEL	2,480,677	CHERRY, ROBERT S.	2,481,360
BIECK, FLORIAN	2,480,854	BURAK, ERIC S.	2,480,881	CHI, CHUNG-MING	2,481,115
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BILLIAUW, JAN JULIEN MARIE- LOUISE	2,481,513	BUTLER, CHARLES E.	2,480,875	CHLADEK, JAMES	2,480,977
BILLION S.A.	2,481,455	BYRNE, MICHAEL P.	2,477,094	CHOU, HOU-PU	2,480,728
BIOSTREAM, INC.	2,482,327	C.M.E. BLASTING & MINING EQUIPMENT LTD.	2,481,335	CHOU, KUO-CHEN	2,477,243
BIOTA, INC.	2,477,795	CADILA HEALTHCARE LTD.	2,480,678	CHOU, KUO-CHEN	2,477,243
BISHOP, WAYNE R. W.	2,480,740	CAINELLI, GIANFRANCO	2,480,629	CHOULIKA, ANDRE	2,479,153
BITONTI, ALAN J.	2,479,212	CALDER, RAYMOND M.	2,480,644	CHRYSALIS TECHNOLOGIES, INC.	2,480,108
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BLACKMORE, ANDREW	2,481,252	CAMPBELL, STEVEN M.	2,480,886	CHUN, KYONG-JOON	2,480,669
BLAKE, DEBORAH ADELLA	2,481,256	CANDELORE, BRANT L.	2,480,964	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,480,788
BLEILE, LEONARD GEORGE	2,480,700	CANIPE, LARRY	2,480,600	CISCO TECHNOLOGY, INC.	2,480,971
BLUMBERG, RICHARD S.	2,479,212	CANIPE, LARRY	2,480,625	CISCO TECHNOLOGY, INC.	2,481,340
BLUNDELL, PAUL	2,480,742	CANNEY, MICHAEL L.	2,481,359	CLARK, JOHN J.	2,480,946
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BOERNER, ARMIN	2,481,037	CARGILL, INCORPORATED	2,481,384	COHEN, JOE D.	2,480,786
BOGENSTAETTER, THOMAS	2,481,222	CARGNELLI, JOSEPH	2,480,960	COLE, JANTZEN	2,480,839
BOLLES, GLENN CLARKE	2,480,862	CARLSON, CRAIG	2,480,718	COLLINGS, BRUCE A.	2,481,081
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BONANNI, DOMENIC J.	2,481,357	CARLSSON, ANDERS	2,480,724	COMINCO ENGINEERING SERVICES LTD.	2,481,332
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BORELLA, MICHAEL S.	2,480,897	CARSWELL, ROBERT JOHN	2,480,778	COMPUTER ASSOCIATES THINK, INC.	2,480,475
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CONSTANTINE, GINGER DALE	2,480,818	DAVIS, TIMOTHY J.	2,480,586	DUIJNDAM, HUBERTUS ADRIANUS	2,481,115
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COOK COMPOSITES AND POLYMERS COMPANY	2,480,711	DE SAUVAGE, FREDERIC, J.	2,477,249	DYCK, JASON ROLAND	2,480,557
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CORVERS, ANTONIUS	2,481,305	DEPOOT, KAREL JOZEF MARIA	2,481,513	EIBL, MARTIN	2,480,710
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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2,480,808	DESPOND, SEVERINE	2,480,643	EMBEDDED SYSTEMS PRODUCTS INC.	2,480,700
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CRAIG, PAUL M., JR.	2,481,469	DEY, MICHAEL STEVEN	2,480,818	UMWELTTECHNOLOGIES GMBH	2,480,901
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CRUMP, SCOTT LARRY	2,480,711	DIETSCHE, FRANK	2,481,435	EPINAT, JEAN-CHARLES	2,479,153
CRYER, PETER	2,481,296	DIJKSTRA, DIRK-JACQUES	2,480,097	ERDELEN-PEPPLER, MARION	2,480,721
CUI, GANG	2,481,501	DIMITRIADIS, ANDREAS	2,481,471	ERGUEN, NURHAN	2,480,901
CUPP, CAROLYN JEAN	2,480,708	DINGERDISSEN, UWE	2,481,037	ERICKSON, LAURIE	2,481,184
CUPP, CAROLYN JEAN	2,480,709	DINICOLA, DEAN M.	2,481,091	ERLANSON, DANIEL A.	2,478,395
CV THERAPEUTICS, INC.	2,481,192	DINSMORE, CHRISTOPHER J.	2,480,879	ERLANSON, DANIEL A.	2,478,398
D2 IN-LINE SOLUTIONS, LLC	2,480,820	DIOLEN INDUSTRIAL FIBERS GMBH	2,481,136	ERS ELECTRONIC GMBH	2,481,260
D2 IN-LINE SOLUTIONS, LLC	2,480,823	DIRCKS, KLAUS	2,480,715	ERTL, PETER	2,484,044
DA COL, MARCO (DECEASED)	2,480,629	DISPLAY TECHNOLOGIES, LLC	2,480,957	ESFAHANY, KOUROS H.	2,454,778
DABRE, RAHUL	2,481,269	DISTRICLASS MEDICAL S.A.	2,481,106	ESPUCHE, ELIANE	2,480,643
DAGENAIS, DAN	2,480,735	DITTRICH, KARL-HEINZ	2,480,861	ETHOS (UK) LIMITED	2,481,382
DAHLQVIST, ANDERS	2,480,724	DIZAJI, REZA	2,478,816	EVANS DEAKIN PTY LIMITED	2,481,205
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DAIICHI PHARMACEUTICAL CO., LTD.	2,468,953	DOGLIO, JAMES A.	2,480,644	EVE, RICHARD WILLIAM	2,481,345
DAIICHI PHARMACEUTICAL CO., LTD.	2,480,671	DOI, HIROFUMI	2,480,671	EVEREST BIOMEDICAL INSTRUMENTS COMPANY	2,480,798
DAIICHI PURE CHEMICALS CO., LTD.	2,481,953	DOLL, ANDREAS	2,481,136	EXCELERATE ENERGY LIMITED PARTNERSHIP	2,480,627
DALY, DANIEL T.	2,480,644	DOLS, PAUL PETER MARIE ANTONIUS	2,480,940	EXPONENTIAL BIOTHERAPIES, INC.	2,480,141
DANLEY, THOMAS J.	2,481,014	DOMARD, ALAIN	2,480,643	EXXONMOBIL OIL CORPORATION	2,480,774
DARIAN, ALEXANDER L.	2,480,773	DOMINGUEZ RUBIO, FRANCISCO	2,481,013	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,481,188
DARIDON, ANTOINE	2,480,728	DONALDSON COMPANY, INC.	2,480,740	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,481,505
DARKO, CHRISTIAN ASARE	2,480,786	DORSCH, DIETER	2,481,026	EYELAB GROUP, LLC	2,481,501
DASH, DEBASHIS	2,481,377	DOSHI, RUTVIK	2,480,955	F.H. FAULDING & CO. LIMITED	2,480,783
DASTGAH, AZAR	2,481,261	DOSTMANN, ANDREAS	2,481,118	F.HOFFMANN-LA ROCHE AG	2,481,142
		DOSTMANN, ANDREAS	2,482,197	FAERMAN, ALEXANDER	2,476,765
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FIBER ENGINEERING, INC.	2,480,893	GALPIN, JEFFREY E.	2,480,141	GRANDI, EMANUELA	2,480,971
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FLUOR CORPORATION	2,481,149	CORPORATION	2,480,980	PHARMACEUTICALS, INC.	2,480,881
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FOLMER, BRIGITTE JOHANNA		CORPORATION	2,481,000	GUO, YONG	2,477,429
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KAULBERSCH, OTTO	2,481,436	KOSUGA, MASANORI	2,481,276	LEE, DONG-HAHK	2,480,612
KAWACHI, SHINYA	2,480,973	KOUTRAS, TIM	2,481,216	LEE, HELEN TSENWHEI	2,481,706
KAWADA, KOJI	2,480,894	KOVALEVSKI-ISHAL, ETI	2,480,764	LEE, HYEON-WOO	2,480,669
KAWAI, KIYOSHI	2,480,727	KOZIAN, DETLEF	2,481,300	LEE, JANE	2,480,722
KAWATA, HIKARI	2,480,624	KRASNEY, PHILIP ALBERT	2,476,942	LEE, JIM L.	2,480,878
KAYAMA, KENJI	2,480,681	KRAUS, AXEL	2,481,464	LEE, KWAN HEE	2,480,567
KAZYAKA, RAYMOND J.	2,480,828	KRIETER, MARKUS	2,480,097	LEE, WILLIAM A.	2,481,261
KAZYAKA, RAYMOND P.	2,480,828	KRISKO, WILLIAM J.	2,480,740	LEE, WILLIAM A.	2,481,285
KEELING, SUZANNE ELAINE	2,480,106	KRISTJANSEN, PAUL E. G.	2,480,311	LEEDS, JANET M.	2,477,795
KEIM, KARL HEINRICH	2,483,298	KROLIKIEWICZ, KONRAD	2,481,012	LEHMANN, MANFRED	2,481,012
KELLER TECHNOLOGIES, INC.	2,481,023	KUERZINGER, HUBERT	2,481,373	LEIB, JUERGEN	2,480,737
KELLER, A. KENT	2,481,023	KUHLMANN, DIETMAR	2,481,373	LEIB, JUERGEN	2,480,797
KELLY, FRANCIS ALOYSIUS	2,480,924	KULATHOORAN,		LEIB, JUERGEN	2,480,854
KELSEY, CHRISTOPHER		RAMALAKSHMI	2,480,101	LEICA MICROSYSTEMS INC.	2,480,804
GEORGE	2,481,205	KUMAR, PUVVADA GEORGE		LEITE, LORRAINE	2,481,526
KEMPF, HANS	2,480,189	VIJAY	2,480,808	LENCER, WAYNE I.	2,479,212
KESSEL, STEVEN M.	2,480,924	KUME, TAKASHI	2,481,485	LENMAN, MARIT	2,480,724
KEYES, TIMOTHY H.	2,480,597	KUMIAI CHEMICAL INDUSTRY		LEONARD, THOMAS W.	2,481,309
KHOSHDEL, EZAT	2,480,778	CO., LTD.	2,480,727	LEONE, STEVEN V.	2,480,600
KHOT, PRAKASH	2,480,955	KURARAY CO., LTD.	2,480,844	LEONE, STEVEN V.	2,480,625
KIDRON, YARON	2,480,475	KURITA, NORIYUKI	2,480,624	LEOPOLD, ERIC W.	2,481,303
KIER, LARRY	2,477,688	KUSHNER, DAVID S.	2,469,286	LEPORE, ANGELO	2,480,783
KIHARA, TAKASHI	2,481,248	KYOWA HAKKO KOGYO CO.		LEUSENKAMP, MARTIN	
KILFORD, IAN REGINALD	2,481,035	LTD.	2,481,657	BERNARDUS JOHANNES	2,480,793
KIM, ANNETTE	2,480,879	KYOWA HAKKO KOGYO CO.		LEVENTHAL, ROBERT	2,479,909
KIM, CHIN HONG PAUL	2,481,384	LTD.	2,481,920	LEWELL, XIAO QING	2,480,106
KIM, CHOUNG U.	2,481,261	KYOWA HAKKO KOGYO CO.,		LEWELL, XIAO QING	2,481,035
KIM, CHOUNG U.	2,481,285	LTD.	2,481,710	LEYRER, SONJA	2,481,783
KIM, DAE-GYUN	2,480,669	KYOWA MEDEX CO., LTD.	2,481,710	LEYRER, SONJA	2,481,799
KIM, JONG, SIK	2,481,501	KYROU, CHRISTOS D.	2,477,748	LI, DANPING	2,481,092
KIMIZUKA, NOBUO	2,478,491	KYUSHU TLO COMPANY,		LI, YU-CHIN	2,480,562
KIMPIMAEBKI, TOMI	2,480,825	LIMITED	2,478,491	LIAU, YISH-HANN	2,480,728
KIMURA, MIKIHICO	2,480,973	L & P PROPERTY		LIDOR-HADAS, RAMI	2,480,764
KING'S COLLEGE LONDON	2,476,397	MANAGEMENT COMPANY		LIESSEM, ANDREAS	2,480,721
KIRIT, TALATI	2,480,865		2,480,924	LIFSHITZ-LIRON, REVITAL	2,480,764
KISHI, TADAOKI	2,481,093	LABIT, RICH	2,480,625	LILJEBRAND, PER-OLOF	2,483,951
KISLEVITZ, ADAM LUTHER	2,480,340	LACROIX, DAVID MATTHEW	2,480,862	LIN, CHAO	2,480,990
KISLEVITZ, ANDROC LUTHER	2,480,340	LACROIX, EMMANUEL	2,479,153	LIN, CHIA-EN	2,480,832
KISLEVITZ, NOAH LUTHER	2,480,340	LAFORGE, SETH MICHAEL	2,481,250	LIN, HUAI	2,480,730
KITA, MIKIO	2,480,680	LAGINESS, THOMAS	2,480,189	LIN, KUEI-YING	2,481,261
KITANO, HAJIME	2,480,844	L'AIR LIQUIDE, SOCIETE		LIN, LINUS S.	2,480,856
KITANO, MASAFUMI	2,480,894	ANONYME A DIRECTOIRE		LINDSLEY, CRAIG W.	2,481,229
KITANO, TAKAHIRO	2,481,490	ET CONSEIL DE		LINDSLEY, CRAIG W.	2,481,241
KITTS, DAVID D.	2,480,471	SURVEILLANCE P OUR		LINNA, JAN ROGER	2,480,108
KIWI INGENUITY LIMITED	2,481,256	L'ETUDE ET		LIOTTA, DENNIS C.	2,478,522
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LOHRAY, VIDYA BHUSHAN	2,480,678	WERKE AG	2,480,721	MERCK & CO., INC.	2,480,814
LOINES, BARRY	2,481,382	MANTHEY, JEFFREY A.	2,476,564	MERCK & CO., INC.	2,480,856
LONDRY, FRANK	2,481,081	MARABOUT, BENOIT	2,481,460	MERCK & CO., INC.	2,480,879
LONDRY, FRANK	2,481,299	MARCONI INTELLECTUAL		MERCK & CO., INC.	2,481,171
LONG ISLAND UNIVERSITY	2,481,199	PROPERTY (RINGFENCE)		MERCK & CO., INC.	2,481,229
LONG, GREG	2,480,599	INC.	2,480,722	MERCK & CO., INC.	2,481,241
LONGITUDE, INC.	2,481,103	MARESCA, KEVIN P.	2,482,327	MERCK PATENT	
LOPASCHUK, GARY DAVID	2,480,557	MAREWSKI, ULRICH	2,480,721	GESELLSCHAFT MIT	
LOPEZ-HUERTAS LEON,		MARGICIN, JOHN MICHAEL	2,481,130	BESCHRANKTER	
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LORENZ, GISELA	2,480,614	MARS UK LIMITED	2,480,765	GESELLSCHAFT MIT	
LORENZ, GISELA	2,480,701	MARSHALL, ALEXANDER		BESCHRANKTER	
LOVE, MICHAEL DAVID	2,480,999	JAMES	2,481,474	HAFTUNG	2,481,026
LOWE, CHRISTOPHER ROBIN	2,481,474	MARSHALL, ALEXANDER		MERCK PATENT	
LOWE, CHRISTOPHER ROBIN	2,481,632	JAMES	2,481,632	GESELLSCHAFT MIT	
LU, PINGZHONG	2,480,653	MARTENS, HUBERT C. F.	2,481,017	BESCHRANKTER	
LUCAS, BRIAN	2,480,599	MARTENS, HUBERTUS C. F.	2,481,021	HAFTUNG	2,481,121
LUCAS, HANS	2,480,940	MARTIN, FRANCIS HALL	2,481,074	MESHNETWORKS, INC.	2,480,803
LUETGERT, KARINE A.	2,481,345	MARTINEZ MORAL,		MESIC, MILAN	2,481,514
LUHADIYA, ASHOK PREM		FRANCISCO JAVIER	2,481,013	METRY, JEAN-MICHEL	2,480,055
CHAND	2,480,842	MASCI, PAUL PANTALEONE	2,480,904	METSO PAPER, INC.	2,480,587
LUKAS, STEFAN	2,480,783	MASLOV, BORIS A.	2,483,628	METSO PAPER, INC.	2,480,589
LUKE, GEORGE P.	2,480,888	MASLOV, BORIS A.	2,483,672	MEUTERMANS, WIM	2,480,578
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LYAMICHEV, VICTOR	2,477,698	MATHIS, OSCAR L.	2,481,200	MIKAELIAN, GAREGIN	2,480,620
LYNCH, ROBERT K.	2,480,946	MATHYS MEDIZINALTECHNIK		MILLARD, CHARLES B.	2,477,094
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LYONS, DAVID P.	2,481,043	AG	2,481,375	CHEMICALS INC.	2,480,865
LYONS, PATRICE	2,481,116	MATSUMOTO, DEAN S.	2,480,674	MILLER, DOUGLAS J.	2,481,247
MA, WUPO	2,477,698	MATSUMOTO, YOSHIIYUKI	2,484,261	MILLER, JAMES M.	2,481,086
MACCHI, MAURO	2,480,971	MATSUSHITA ELECTRIC		MILLS, GAIL	2,480,106
MACDUFF, MALCOLM G. J.	2,480,644	INDUSTRIAL CO., LTD.	2,480,474	MINAMI, YUKIO	2,480,894
MACE, SANDRINE	2,481,300	MATSUSHITA ELECTRIC		MINAMIZONO, KUNIO	2,484,261
MACHADO, PAUL J.	2,480,924	INDUSTRIAL CO., LTD.	2,480,648	MINGKUI, CHEN	2,477,812
MACKMAN, RICHARD L.	2,481,261	MATSUURA, KAZUNORI	2,478,491	MISONIX INCORPORATED	2,480,773
MACKNEY, DEREK W.	2,480,644	MATTIS, DAVID	2,480,716	MITCHELL, MICHAEL L.	2,481,261
MACZUSZENKO, ANDRZEJ	2,480,990	MAUREL, PATRICK	2,481,953	MITCHELL, SCOTT	2,480,888
MADDON, PAUL J.	2,481,980	MAYER, STEVEN LLOYD	2,480,055	MITSUI KINZOKU KOGYO	
MADRAS, BERTHA K.	2,480,742	MAYHEW, ANDREW JOHN	2,480,676	KABUSHIKI KAISHA	2,480,816
MADRIGAL GONZALEZ,		MAYNARD, GEORGE	2,480,888	MIURA, NAOYOSHI	2,480,890
BLANCA	2,481,474	MAZEL, SIDNEY	2,480,814	MLINAR, JOHN R.	2,480,939
MADRIGAL GONZALEZ,		MCCALL, TROY W.	2,481,091	MLINAR, JOHN R.	2,480,945
BLANCA	2,481,632	MCCOY BROS. INC.	2,480,735	MLINAR, JOHN R.	2,480,950
MADSEN, BENT	2,480,715	MCDOWELL, ROBERT S.	2,478,398	MLINAR, JOHN R.	2,480,967
MAEDA, MIZUHO	2,480,844	MCGOVERN, ALBERT	2,480,722	MLINAR, JOHN R.	2,481,122
MAENTELE, WERNER	2,480,739	MCGRATH, JAMES E.	2,481,343	MOHAN, MAILATUR	
MAH, MAE JENNIFER	2,480,700	MCMANUS, EDWARD C.	2,481,043	SIVARAMAN	2,481,377
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MAHONEY, DEREK D.	2,481,130	MDS SCIEX	2,481,299	LLC	2,480,937
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MORRIS, DAVID W.	2,479,723	NELSON, GEORGE R., JR.	2,481,022	ONO, MAKOTO	2,468,953
MORSE, BUZZY	2,477,429	NELSON, PETER H.	2,481,261	OPALSKY, DAVID	2,480,990
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MOUNT SINAI HOSPITAL	2,481,093	NEMOTO, YASUSHI	2,484,012	ORTLIEB, KONRAD	2,480,861
MT2, LLC	2,481,038	NERI, BRUCE N.	2,477,698	OSUMI, YAEKO	2,480,560
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MUELLER, PATTY	2,481,510	NEUKERMANS, ARMAND	2,480,147	PALGA INTERNATIONAL	2,476,852
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MUND, DIETRICH	2,480,737	NG, EDWIN	2,481,498	PANNING, PETER	2,480,901
MUND, DIETRICH	2,480,797	NGUYEN, DIEM N.	2,480,879	PAO, YOH-HAN	2,480,954
MUND, DIETRICH	2,480,854	NGUYEN, LAMSON	2,480,999	PAO, YOH-HAN	2,481,296
MUNSTEDT, HELMUT	2,480,097	NHK SPRING CO., LTD.	2,480,681	PARENT, DONALD G.	2,480,820
MURAKAMI, KAZUNORI	2,480,790	NICHTAWITZ, ALOIS	2,480,988	PARENT, DONALD G.	2,480,823
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MURRAY, JACK B., JR.	2,481,505	NICOLE, MAXIME	2,480,780	PARKIN, NEIL T.	2,476,403
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NACHUM, ZVI	2,480,582	NIPPON SHOKUBAI CO., LTD.	2,481,490	PATEL, GAUTAM D.	2,480,678
NAGAE, MASAHIRO	2,480,787	NISHIOKA, HIROYASU	2,480,890	PATIL, AVINASH	2,480,708
NAGAE, MASAHIRO	2,480,794	NISHIYAMA, TADASHI	2,480,973	PATIL, AVINASH	2,480,709
NAGAPRASAD, VISHNUHOTLA	2,481,269	NITROMED INC.	2,480,832	PAULSSON, LARS	2,481,019
NAGASAWA, MASAOKI	2,480,890	NITTA, KATSUHISA	2,481,121	PEDLOW, LEO M., JR.	2,480,964
NAGAYAMA, KOZO	2,480,727	NIWA, HIDEO	2,479,154	PELLIZZARI, ROBERT O.	2,480,108
NAGOYA OILCHEMICAL CO., LTD.	2,480,902	NIWA, MASASHI	2,480,560	PELLIZZARI, ROBERTO O.	2,480,109
NAGOYA OILCHEMICAL CO., LTD.	2,481,484	NIWA, RINPEI	2,481,920	PENNINGTON, STANFORD E., JR.	2,481,027
NAISMITH, DONALD JOHNSTONE	2,480,882	NOH, MOON JONG	2,480,567	PENWEST PHARMACEUTICALS CO.	2,481,091
NAKAJIMA, HIROTO	2,480,671	NOKIA CORPORATION	2,480,749	PEREZ-CAMARGO, GERARDO	2,480,708
NAKAMURA, HIDEKI	2,480,890	NOKIA CORPORATION	2,481,174	PEREZ-CAMARGO, GERARDO	2,480,709
NAKANISHI, AKINOBU	2,484,261	NOLAN, TIMOTHY D.	2,477,688	PERSSON, LARS	2,481,511
NAKANISHI, MAKOTO	2,480,787	NORCIA, MICHAEL	2,476,942	PERVAN, DARKO	2,481,329
NAKANISHI, MAKOTO	2,480,794	NORTELE NETWORKS LIMITED	2,480,147	PESIC, DIJANA	2,481,514
NAKAYAMA, YASUhide	2,484,012	NORTON, PIERCE	2,480,728	PETERS, MARK A.	2,481,038
NAM, HAKHYUN	2,481,501	NOVAK, EUGENE J.	2,480,810	PETERS, RICHARD D.	2,480,555
NANDU, MAHENDRA P.	2,480,577	NOVAK, THEODORE A. D.	2,480,773	PETILLO, PHILLIP J.	2,481,034
NANOTRON TECHNOLOGIES GMBH	2,480,846	NOVARTIS AG	2,480,552	PETILLO, STEPHEN C.	2,481,034
NAOE, YOSHINORI	2,481,466	NOVARTIS AG	2,480,562	PETRIGLIANO, ROCCO	2,481,001
NASSEF, HANY RAMEZ	2,480,728	NOVELLI, RICCARDO	2,481,035	PETROPOULOS, CHRISTOS J.	2,476,365
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NATSOULIS, GEORGES	2,477,239	OEHMICHEN, UWE	2,480,970	PFIZER PRODUCTS INC.	2,476,942
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RANBAXY LABORATORIES LIMITED	2,481,271	RUOFF, WERNER H.	2,481,247	SCHELBERGER, KLAUS	2,480,701
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RATTRAY, HAROLD L.	2,480,934	RUTGERS, THE STATE OF UNIVERSITY	2,467,279	SCHERER, MARIA	2,480,701
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