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

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

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

## Avis

### 2. Country Code

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

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

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

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

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

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

### 2. Code des pays

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

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

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site web au [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

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

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

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

## Notices

### 5. Advice on Making a Patent Application

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

### 6. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 7. Patents Available for Licence or Sale

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

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

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

**2,218,155  
2,242,833  
2,306,658**

### 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.

**2,218,155  
2,242,833  
2,306,658**

## Avis

### 9. Applications Open to Public Inspection

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

### 10. Language of Published Documents

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

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

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

### 10. Langue du document publié

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

## Notices

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

#### **SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004**

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

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

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

#### **5. Late Payment Fee**

50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: International Filing Fee

Preliminary Examination

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

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

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

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

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

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

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

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

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

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

#### **5. Taxe pour paiement tardif**

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : taxe de base

Examen préliminaire

#### **6. Taxe de traitement (Règle 57.2(a))**

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

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

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

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

## Avis

### 12. PCT notices

#### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

#### Patent Cooperation Treaty (PCT)

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

### 13. PRACTICE NOTICE

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

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

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

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

### 12. Avis PCT

#### Exigences des signatures du PCT

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

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

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

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

### 13. ÉNONCÉ DE PRATIQUE

#### **JOURS FÉRIÉS (*DIES NON*)**

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

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

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

## 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'existe plus. »

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

## Avis

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

### Provincial and Territorial Holidays

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

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

When Patent and Trade-marks Offices are closed for business

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

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

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

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

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

### Jours fériés provinciaux ou territoriaux

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

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

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

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

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

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

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

## **Notices**

### **14. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of September 7, 2004 contains applications open to public inspection from August 15, 2004 to August 21, 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 15 août 2004 au 21 août 2004

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7 septembre 2004

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[11] 2,062,193

[13] C

[51] Int.Cl. 5C08G 18/62 5C08G 64/00  
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[25] EN  
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[54] POLYMERES FONCTIONNALISES  
[72] FORSTER, DENIS, US  
[72] MCGRATH, MARTIN P., US  
[72] SALL, ERIK D., US  
[72] TREMONT, SAMUEL J., US  
[73] MONSANTO COMPANY, US  
[22] 1992-03-03  
[30] US (07/663,998) 1991-03-04

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[11] 2,071,369

[13] C

[51] Int.Cl. 5C08L 75/04 5C08L 57/00  
5C08L 87/00 5C08L 101/00 5C08L 75/08  
[25] EN  
[54] CHAIN EXTENDED LOW  
MOLECULAR WEIGHT  
POLYOXIRANES AND  
ELECTROSTATIC DISSIPATING  
BLEND COMPOSITIONS BASED  
THEREON  
[54] POLYOXIRANES DE FAIBLE  
MASSE MOLECULAIRE, A CHAINE  
ETENDUE; COMPOSITIONS A BASE  
DE CES PRODUITS POUR  
DISSIPATION ELECTROSTATIQUE  
[72] FAHEY, TIMOTHY EDWARD, US  
[72] KOLYCHECK, EDMOND GEORGE,  
US  
[72] SULLIVAN, FRANCIS RYAN, US  
[72] WILSON, GARY FRANKLIN, US  
[72] MERTZEL, ELAINE AUDREY, US  
[73] NOVEON IP HOLDINGS CORP., US  
[22] 1992-06-16  
[30] US (717,949) 1991-06-20

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[11] 2,078,823

[13] C

[51] Int.Cl. 5G01B 5/30 5G01B 7/30  
[25] EN  
[54] SUPPORT SYSTEM FOR GAUGE  
BAR MEASURING SYSTEM  
[54] SUPPORT POUR SYSTEME DE  
MESURE A TRINGLE DE JAUGEAGE  
[72] RUSSELL, H. VERNON, US  
[73] HEIN-WERNER CORPORATION, US  
[22] 1992-09-21  
[30] US (07/766,852) 1991-09-27

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[11] 2,087,006

[13] C

[51] Int.Cl. 5C12N 15/31 5C07H 21/00  
5C12P 21/08 5C12N 15/10 6C07K 16/12  
6C07K 14/255 5A61K 39/40 5G01N 33/569  
5G01N 33/577 5C12Q 1/68  
[25] FR  
[54] SEQUENCES NUCLEIQUES  
ISSUES DU GENOME DE  
SALMONELLA TYPHI, ET LEURS  
UTILISATIONS NOTAMMENT POUR  
LE DIAGNOSTIC IN VITRO DE LA  
PRESENCE DE BACTERIES DU GENRE  
SALMONELLA DANS LES PRODUITS  
ALIMENTAIRES  
[54] NUCLEIC SEQUENCES FROM  
THE GENOME OF SALMONELLA  
TYPHI, AND USES THEREOF  
PARTICULARLY FOR THE IN VITRO  
DIAGNOSIS OF THE PRESENCE OF  
SALMONELLA BACTERIA IN  
FOODSTUFFS  
[72] POPOFF, MICHEL YVAN, FR  
[72] DION, MICHEL PIERRE, FR  
[73] INSTITUT PASTEUR, FR  
[73] INSTITUT NATIONAL DE LA SANTE  
ET DE LA RECHERCHE MEDICALE, FR  
[85] 1993-01-08  
[86] 1991-07-11 (PCT/FR1991/000564)  
[87] (WO1992/001056)  
[30] FR (90/08852) 1990-07-11

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[13] C

[51] Int.Cl. 5B21K 25/00  
[25] EN  
[54] HIGH PRESSURE TURBINE  
COMPONENT INTERFERENCE FIT UP  
[54] AJUSTEMENT AVEC SERRAGE  
DES COMPOSANTS D'UNE TURBINE  
HAUTE PRESSION  
[72] PLEMMONS, LARRY WAYNE, US  
[72] PROCTOR, ROBERT, US  
[72] ALBERS, ROBERT JOSEPH, US  
[73] GENERAL ELECTRIC COMPANY,  
US  
[22] 1993-01-21  
[30] US (832,823) 1992-02-07

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[11] 2,093,770

[13] C

[51] Int.Cl. 6C07K 5/062 6A61K 38/05  
5C07D 207/09 5C07C 279/14 5A61K 31/  
195 5C07D 211/34 5C07D 211/40 5A61K  
31/445  
[25] EN  
[54] ASPARTIC ACID DERIVATIVES,  
THEIR PREPARATION AND USE  
[54] DERIVES DE L'ACIDE  
ASPARTIQUE, LEUR FABRICATION  
ET LEUR UTILISATION  
[72] KLINGLER, OTMAR, DE  
[72] ZOLLER, GERHARD, DE  
[72] JUST, MELITTA, DE  
[72] JABLONKA, BERND, DE  
[73] CASSELLA  
AKTIENGESELLSCHAFT, DE  
[22] 1993-04-08  
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[13] C

[51] Int.Cl. 5C08G 59/64 5C09D 17/00  
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[25] EN  
[54] RESIN COMPOSITION FOR  
AQUEOUS PAINTS  
[54] COMPOSITION A BASE DE  
RESINES POUR PEINTURES A L'EAU  
[72] FUJIBAYASHI, TOSHIO, JP  
[72] NAGAOKA, HARUO, JP  
[73] KANSAI PAINT CO., LTD., JP  
[22] 1993-04-23  
[30] JP (129,740/92) 1992-04-24

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[13] C

[51] Int.Cl. 5E01C 5/00 5E04C 2/30  
[25] EN  
[54] CONCRETE OR CERAMICS  
ELEMENTS  
[54] ELEMENTS EN BETON OU EN  
CERAMIQUE  
[72] SCHEIWILLER, RENE, CH  
[73] SCHEIWILLER, RENE, CH  
[22] 1993-05-26

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[11] **2,100,031**  
[13] C

[51] Int.Cl. 5C07C 59/48 5A24B 15/30  
[25] EN  
[54] SMOKING COMPOSITIONS  
CONTAINING AN ALPHA-  
ALKYLCINNAMALDEHYDE-  
RELEASE ADDITIVE  
[54] COMPOSANTS DE FUMEE DE  
CIGARETTE RENFERMANT UN  
ADDITIF LIBERANT UN ALPHA-  
ALKYLCINNAMALDEHYDE  
[72] CHAN, W. GEOFFREY, US  
[72] EDWARDS, WILLIAM B., III, US  
[72] GRUBBS, HARVEY J., US  
[72] HOUNIMER, YORAM, US  
[72] HOWE, CHARLES R., US  
[72] NAWORAL, JOHN D., US  
[72] PAIN, JOHN B., III, US  
[72] PODRAZA, KENNETH F., US  
[72] SANDERS, EDWARD B., US  
[72] SEEMAN, JEFFREY I., US  
[72] SOUTHWICK, EVERETT W., US  
[73] PHILIP MORRIS PRODUCTS INC.,  
US  
[22] 1993-07-07  
[30] US (911,274) 1992-07-09

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[13] C

[51] Int.Cl. 5C07C 331/32  
[25] EN  
[54] NOVEL PROCESS OF ALKOXY  
AND ARYLOXY ISOTHIOCYANATE  
PREPARATION  
[54] METHODE DE PREPARATION  
D'ALCOXY ET D'ARYOXY-  
ISOTHIOCYANATES  
[72] WANG, SAMUEL SHAN-NING, US  
[72] MAGLIOCCO, LINO GIOVANNI, US  
[73] AMERICAN CYANAMID  
COMPANY, US  
[22] 1993-07-23  
[30] US (07/923,765) 1992-07-27

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[11] **2,102,484**  
[13] C

[51] Int.Cl. 5C08L 71/12 5C08L 63/02  
5C08J 5/24  
[25] EN  
[54] POLYPHENYLENE ETHER/  
POLYEPOXIDE RESIN SYSTEM FOR  
ELECTRICAL LAMINATES  
[54] RESINE A BASE D'ETHER DE  
POLYPHENYLENE/POLYEPOXYDE  
POUR FABRIQUER DES STRATIES  
DE QUALITE ELECTRIQUE  
[72] DAVIS, MICHAEL J., US  
[72] TRACY, JAMES E., US  
[72] TREWILER, CARL E., US  
[73] GENERAL ELECTRIC COMPANY,  
US  
[22] 1993-11-04

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[51] Int.Cl. 5A61K 47/44 5A61K 47/10  
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[25] FR  
[54] NOUVELLES COMPOSITIONS A  
BASE DE DERIVES DE LA CLASSE DES  
TAXANES  
[54] NOVEL COMPOSITIONS BASED  
ON TAXANE CLASS DERIVATIVES  
[72] BASTART, JEAN-PIERRE, FR  
[72] DUPECHEZ, THIERRY, FR  
[72] FABRE, JEAN-LOUIS, FR  
[73] AVENTIS PHARMA S.A., FR  
[85] 1993-11-09  
[86] 1992-07-03 (PCT/FR1992/000624)  
[87] (WO1993/000928)  
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[11] **2,105,709**  
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[51] Int.Cl. 5C07C 69/00 5C07D 333/00  
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5C07D 207/16 5C07D 209/42 5C07D 215/  
48 5C07D 233/60 5C07C 323/62 5C07C  
271/64 5C07D 213/79  
[25] EN  
[54] SUBSTITUTED CYCLOHEXANE  
DERIVATIVES, PROCESSES FOR  
THEIR PREPARATION AND THE USE  
OF THE COMPOUNDS FOR TREATING  
DISEASES  
[54] DERIVES CYCLOHEXANE  
SUBSTITUES, PROCEDE POUR LEUR  
PREPARATION ET LEUR  
UTILISATION DANS LE TRAITEMENT  
DE MALADIES  
[72] HEMMERLE, HORST, DE  
[72] SCHINDLER, PETER, DE  
[72] HERLING, ANDREAS, DE  
[73] HOECHST AKTIENGESELLSCHAFT,  
DE  
[22] 1993-09-08  
[30] DE (P 42 30 067.3) 1992-09-09

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[13] C

[51] Int.Cl. 5C08F 210/02  
[25] EN  
[54] ETHYLENE-.ALPHA.-OLEFIN  
COPOLYMER AND A MOLDED  
ARTICLE THEREFOR  
[54] COPOLYMER D'ETHYLENE-  
.ALPHA.-OLEFINE ET ARTICLE  
MOULE A BASE DE CE PRODUIT  
[72] SASAKI, TOSHIO, JP  
[72] MIYAZAKI, KOHZOH, JP  
[72] SHIRAISHI, HIROYUKI, JP  
[72] SHIGEMATSU, YUJI, JP  
[72] JOHOJI, HIROFUMI, JP  
[72] UEMURA, AKIO, JP  
[72] SATO, YUFU, JP  
[73] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[22] 1993-09-09  
[30] JP (04-241749) 1992-09-10

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[11] **2,107,852**  
[13] C

[51] Int.Cl. 5A61B 17/34  
[25] EN  
[54] TROCAR  
[54] TROCART  
[72] METCALF, GERALD LEIGH, US  
[72] POFF, BRADLEY CHARLES, US  
[72] BARKER, JOHN M., US  
[73] SHERWOOD SERVICES AG, CH  
[22] 1993-10-06  
[30] US (07/958964) 1992-10-09

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[51] Int.Cl. 5B25J 3/00 5B25J 18/00  
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HANDLING PRODUCT  
[54] BRAS DE ROBOT DE  
MANIPULATION  
[72] FALLAS, DAVID M., US  
[73] FALLAS, DAVID M., US  
[22] 1994-03-04  
[30] US (08/027,748) 1993-03-08

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[11] 2,118,047  
[13] C

[51] Int.Cl. 5B01J 12/00 5F22B 1/18  
[25] EN  
[54] METHOD OF RETROFITTING A  
HETEROGENEOUS EXOTHERMIC  
SYNTHESIS REACTOR  
[54] METHODE DE MODERNISATION  
D'UN REACTEUR HETEROGENE DE  
SYNTHESE EXOTHERMIQUE  
[72] PAGANI, GIORGIO, IT  
[72] FILIPPI, ERMANNO, CH  
[72] ZARDI, UMBERTO, CH  
[73] AMMONIA CASALE S.A., CH  
[73] ZARDI, UMBERTO, CH  
[22] 1994-10-13  
[30] CH (03 257/93-3) 1993-10-29

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[13] C

[51] Int.Cl. 5A63B 67/14  
[25] EN  
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RECREATIONAL SPORTING GOODS  
[54] ARTICLES DE SPORT VOLANTS  
[72] TANAKA, KOICHI, JP  
[73] CHUBU BEARING KABUSHIKI  
KAISHA, JP  
[22] 1994-04-14  
[30] JP (113,828/93) 1993-04-15  
[30] JP (241,970/93) 1993-09-01

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[13] C

[51] Int.Cl. 5B22F 3/12  
[25] EN  
[54] METHODS FOR ALLOY  
MIGRATION SINTERING  
[54] METHODE DE FRITTAGE A  
PARTIR D'UN MATERIAU NON  
SUSCEPTIBLE DE FRITTAGE  
[72] FELDSTEIN, ROBERT S., US  
[73] POWERGENIX SYSTEMS, INC., CA  
[85] 1994-04-22  
[86] 1992-10-20 (PCT/US1992/008934)  
[87] (WO1993/007978)  
[30] US (07/781,835) 1991-10-24

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[13] C

[51] Int.Cl. 5B63H 23/30  
[25] EN  
[54] DRIVE TRANSMISSION SYSTEM  
FOR VESSEL PROPELLING  
EQUIPMENT  
[54] TRANSMISSION DE GROUPE  
PROPULSEUR MARIN  
[72] SODA, CHIHARU, JP  
[72] FUJITA, YASUSHI, JP  
[72] FUKUDA, YOSHIHIKO, JP  
[72] ICHIHASHI, KAORU, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA (ALSO TRADING  
AS HONDA MOTOR CO., LTD.), JP  
[22] 1994-05-24  
[30] JP (144430/1993) 1993-05-25  
[30] JP (156332/1993) 1993-06-03  
[30] JP (34884/1993) 1993-06-03  
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[11] 2,126,286  
[13] C

[51] Int.Cl. 5A01N 65/00 5A01N 25/08  
5A01N 25/34  
[25] EN  
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HAVING A MOTH-REPELLING  
EFFECT  
[54] COMPOSITION LIQUIDE A EFFET  
ANTIMITE  
[72] BACHMANN, SYLVIA, CH  
[73] ORPHEA S.A., CH  
[73] DE LEURIKS B.V., NL  
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[30] CH (01 891/93-6) 1993-06-24

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[11] 2,127,629  
[13] C

[51] Int.Cl. 5C01B 3/50  
[25] FR  
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PRODUIT ISSU DU REFORMAGE  
CATALYTIQUE  
[54] CATALYTIC REFORMING  
PROCESS AND PRODUCTS THEREOF  
[72] DOMERGUE, BRUNO, FR  
[72] FISCHER, BEATRICE, FR  
[72] MANK, LARRY, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 1994-07-08  
[30] FR (93/08 413) 1993-07-08

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[13] C

[51] Int.Cl. 5C08G 14/10  
[25] EN  
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FORMALDEHYDE RESINS  
[54] RESINES DE MELAMINE-  
FORMALDEHYDE INSOLUBLES DANS  
L'EAU  
[72] GUENTHER, ERHARD, DE  
[72] REUTHER, WOLFGANG, DE  
[72] KIRCHGASSNER, UWE, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1994-09-09  
[30] DE (P 43 30 910.0) 1993-09-11

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[11] 2,132,353  
[13] C

[51] Int.Cl. 5C08G 18/10 5C09D 175/04  
[25] EN  
[54] A WATER-SOLUBLE OR WATER-  
DISPERISIBLE POLYLSOCYANATE  
COMPOSITION, A PROCESS FOR ITS  
PREPARATION AND ITS USE IN  
COATING COMPOSITIONS  
[54] COMPOSITION A BASE DE  
POLYISOCYANATE HYDROSOLUBLE  
OU MISCELLE DANS L'EAU, PROCEDE  
POUR SA PREPARATION ET SON  
UTILISATION DANS LES  
COMPOSITIONS DE REVETEMENT  
[72] SCHMALSTIEG, LUTZ, DE  
[72] KREMER, WOLFGANG, DE  
[72] BRAHM, MARTIN, DE  
[72] PROBST, JOACHIM, DE  
[72] KUBITZA, WERNER, DE  
[73] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1994-09-19  
[30] DE (P 4332322.7) 1993-09-23

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[13] C

[51] Int.Cl. 5C08G 18/72  
[25] EN  
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[54] PROCEDE SERVANT A PRODUIRE DES MOUSSES SEMI-RIGIDES CONTENANT DES GROUPES D'URETHANE AUX PROPRIETES D'ECOULEMENT AMELIOREES  
[72] LIMAN, ULRICH, DE  
[72] GANSEN, PETER, US  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1994-10-25  
[30] DE (P 4337012.8) 1993-10-29

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[11] **2,134,311**  
[13] C

[51] Int.Cl. 5H05B 6/78  
[25] EN  
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[54] CARTOUCHE POUR APPAREIL DE CHAUFFAGE MICRO-ONDES SUR CANALISATION  
[72] CARR, KENNETH L., US  
[73] MICROWAVE MEDICAL SYSTEMS, US  
[22] 1994-10-25  
[30] US (08/142,577) 1993-10-26

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[11] **2,135,476**  
[13] C

[51] Int.Cl. 5A01K 11/00  
[25] EN  
[54] A CARRIER FOR AN ELECTRONIC IDENTIFICATION DEVICE  
[54] SUPPORT POUR DISPOSITIF D'IDENTIFICATION ELECTRONIQUE  
[72] REBOUL, JEROME, FR  
[72] VAN AMELSFORT, PETRUS AUGUSTINUS, NZ  
[73] ALLFLEX NEW ZEALAND LIMITED, NZ  
[85] 1994-11-09  
[86] 1993-05-13 (PCT/NZ1993/000037)  
[87] (WO1993/022907)  
[30] NZ (242727) 1992-05-13

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[11] **2,139,255**  
[13] C

[51] Int.Cl. 5F42B 14/06 5F42B 7/08  
[25] EN  
[54] PROJECTILE WITH SABOT  
[54] PROJECTILE MUNI D'UN SABOT  
[72] KINCHIN, ANTHONY E., GB  
[73] KINCHIN, ANTHONY E., GB  
[22] 1994-12-29  
[30] US (08/176,936) 1994-01-03

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[11] **2,139,511**  
[13] C

[51] Int.Cl. 6H03H 17/02 6G06F 17/14  
[25] EN  
[54] DIGITAL FILTER HAVING HIGH ACCURACY AND EFFICIENCY  
[54] FILTRE NUMERIQUE DE GRANDE PRECISION ET DE GRANDE EFFICACITE

[72] MCGRATH, DAVID STANLEY, AU  
[73] LAKE TECHNOLOGY LIMITED, AU  
[85] 1995-01-03  
[86] 1993-07-05 (PCT/AU1993/000330)  
[87] (WO1994/001933)  
[30] AU (PL 3386) 1992-07-07  
[30] AU (PL 3387) 1992-07-07  
[30] AU (PL 8357) 1993-04-20

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[11] **2,139,542**  
[13] C

[51] Int.Cl. 6B26D 1/157  
[25] EN  
[54] PROCESS FOR THE CUTTING SURFACE TREATMENT OF ELASTOMERS  
[54] PROCEDE SERVANT A TRAITER DES SURFACES DE COUPE RECOUVERTES D'ELASTOMERES  
[72] SCHOLZ, GUNTER, DE  
[72] STAMMEL, WILLI, DE  
[73] FELIX BOTTLER GMBH & CO., DE  
[22] 1995-01-04

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[11] **2,140,146**  
[13] C

[51] Int.Cl. 6C07D 403/00 6C07D 401/14  
[25] EN  
[54] PROCESS FOR PREPARING INDOLE DERIVATIVES CONTAINING A 1,2,4-TRIAZOL-1-YL SUBSTITUENT  
[54] PROCEDE D'OBTENTION DE DERIVES INDOLIQUES CONTENANT UN SUBSTITUANT DU TYPE 1,2,4-TRIAZOL-1-YL  
[72] HOUGHTON, PETER GRENVILLE, GB  
[73] MERCK SHARP & DOHME LIMITED, GB  
[85] 1995-01-12  
[86] 1993-07-15 (PCT/GB1993/001493)  
[87] (WO1994/002476)  
[30] GB (9215526.6) 1992-07-22

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[11] **2,143,494**  
[13] C

[51] Int.Cl. 6F21V 8/00 6G02B 6/00 6G02B 6/10  
[25] EN  
[54] LIGHT TRANSMITTING APPARATUS  
[54] DISPOSITIF TRANSMETTANT LA LUMIERE  
[72] TANAKA, TAKAO, JP  
[73] JAPAN STORAGE BATTERY CO., LTD., JP  
[22] 1995-02-27

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[11] **2,143,953**  
[13] C

[51] Int.Cl. 6H01S 3/04  
[25] EN  
[54] DEVICE FOR HOLDING A CYLINDRICAL LASER TUBE IN A STABLE RADIATION DIRECTION  
[54] DISPOSITIF POUR MAINTENIR UN TUBE DE LASER CYLINDRIQUE DANS UNE DIRECTION DE RAYONNEMENT STABLE  
[72] MEIER, DIETRICH, CH  
[73] LEICA GEOSYSTEMS AG, CH  
[85] 1995-03-06  
[86] 1994-07-05 (PCT/EP1994/002203)  
[87] (WO1995/002265)  
[30] DE (P 43 22 723.6) 1993-07-08

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[11] 2,144,996  
[13] C

[51] Int.Cl. 6G02B 5/18 6G03B 21/00  
6G03B 21/12 6G02B 27/18  
[25] EN  
[54] DIFFRACTIVE DISPLAY UTILIZING REFLECTIVE OR TRANSMISSIVE LIGHT YIELDING SINGLE PIXEL FULL COLOR CAPABILITY  
[54] AFFICHEUR COULEUR A DIFFRACTION UTILISANT LA LUMIERE REFLECHIE OU LA LUMIERE TRANSMISE  
[72] ODHNER, JEFFERSON E., US  
[72] SMITH, DANIEL J., US  
[72] BHAT, SHAILESH S., US  
[72] CULLEN, DONALD L., US  
[72] WASSON, KEN G., US  
[73] LUCKOFF DISPLAY CORPORATION, US  
[85] 1995-03-16  
[86] 1994-07-12 (PCT/US1994/007584)  
[87] (WO1995/002838)  
[30] US (093,255) 1993-07-16

[11] 2,147,481  
[13] C

[51] Int.Cl. 6B29C 43/02 6B29C 43/22  
6B29D 23/24  
[25] EN  
[54] PROCESS OF MANUFACTURING FORMED PARTS MADE OF HOT-FORMABLE PLASTICS  
[54] PROCEDE DE FABRICATION D'ELEMENTS PROFILS A PARTIR DE THERMOPLASTIQUES SYNTHETIQUES  
[72] SCHNALLINGER, HELFRIED, AT  
[73] SCHNALLINGER, HELFRIED, AT  
[85] 1995-04-20  
[86] 1993-10-20 (PCT/AT1993/000159)  
[87] (WO1994/008772)  
[30] AT (A 2081/92) 1992-10-21

[11] 2,148,490  
[13] C

[51] Int.Cl. 6G01D 5/14 6B60T 15/14  
6B60T 13/66  
[25] EN  
[54] SIGNAL GENERATOR  
[54] GENERATEUR DE SIGNAUX  
[72] PADULA, SANTO ANTHONY, US  
[72] JOHNSON, DUANE RICHARD, US  
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US  
[85] 1995-05-02  
[86] 1993-10-28 (PCT/US1993/010363)  
[87] (WO1994/011227)  
[30] US (07/974,648) 1992-11-10

[11] 2,151,149  
[13] C

[51] Int.Cl. 6C07D 327/00 6C07D 339/00  
6C07D 291/02 6C08G 75/06 6C08G 75/14  
6C08G 75/20 6C07D 285/36  
[25] EN  
[54] NOVEL RING OPENING MONOMERS  
[54] NOUVEAUX MONOMERES POUR L'OUVERTURE DE CYCLES  
[72] RIZZARDO, EZIO, AU  
[72] EVANS, RICHARD ALEXANDER, AU  
[72] MOAD, GRAEME, AU  
[72] THANG, SAN HOA, AU  
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[85] 1995-06-06  
[86] 1993-12-21 (PCT/AU1993/000667)  
[87] (WO1994/014792)  
[30] AU (PL6516/92) 1992-12-22  
[30] AU (PL6661/93) 1993-01-05

[11] 2,152,437  
[13] C

[51] Int.Cl. 6D07B 1/06  
[25] EN  
[54] STRANDED WIRE ROPE OR CABLE HAVING MULTIPLE STRANDED ROPE ELEMENTS AND METHOD OF ITS MANUFACTURE  
[54] CABLE DE FILS TORSADES COMPORTEANT DE MULTIPLES ELEMENTS DE TORSADE, ET METHODE DE FABRICATION  
[72] KOPANAKIS, GEORG A., DE  
[73] FATZER AG, CH  
[22] 1995-06-22

[11] 2,152,499  
[13] C

[51] Int.Cl. 6B01D 35/18 6B01D 1/00  
[25] EN  
[54] APPARATUS FOR REMOVING SOLID AND VOLATILE CONTAMINANTS FROM LIQUIDS  
[54] APPAREIL POUR EXTRAIRE DES CONTAMINANTS SOLIDES ET VOLATILS DANS DES LIQUIDES  
[72] ARNTZ, THOMAS L., US  
[73] PREMO LUBRICATION TECHNOLOGIES, INC., US  
[85] 1995-06-22  
[86] 1993-12-22 (PCT/US1993/012533)  
[87] (WO1994/015689)  
[30] US (07/998,225) 1992-12-30

[11] 2,153,514  
[13] C

[51] Int.Cl. 6B66B 13/14  
[25] EN  
[54] LIFT INSTALLATION WITH PRIMARY AND SECONDARY TRANSMITTER RECEIVER MEANS  
[54] CONFIGURATION D'ASCENSEUR AVEC UN EMETTEUR RECEPTEUR PRIMAIRE ET SECONDAIRE  
[72] PLATT, TERENCE CHRISTOPHER, GB  
[73] MEMCO LIMITED, GB  
[22] 1995-07-10  
[30] GB (9415772.4) 1994-08-04

[11] 2,153,902  
[13] C

[51] Int.Cl. 6C08J 9/14 6C08J 9/18  
[25] EN  
[54] PROCESS FOR MAKING ETHYLENIC POLYMER FOAM STRUCTURES  
[54] PROCEDE DE FABRICATION DE STRUCTURES EN MOUSSE D'UN POLYMERÉ ETHYLENIQUE  
[72] PARK, CHUNG P., DE  
[72] STEVENS, JAMES C., US  
[72] KNIGHT, GEORGE W., US  
[73] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 1995-07-13  
[86] 1994-03-04 (PCT/US1994/002361)  
[87] (WO1994/021717)  
[30] US (08/032,917) 1993-03-18  
[30] US (08/054,330) 1993-04-28

[11] 2,156,154  
[13] C

[51] Int.Cl. 6B01F 5/20  
[25] EN  
[54] APPARATUS AND METHOD FOR WETTING POWDER  
[54] APPAREIL ET METHODE POUR HUMECTER UNE MATIERE PARTICULAIRE  
[72] CROFT, PETER, US  
[72] HOPSON, BRIAN CAMERON, US  
[72] JORDAN, JOEL STEVEN, US  
[72] ROTT, GERALD MUIR, US  
[72] TINTO, JOSEPH VINCENT, US  
[73] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB  
[85] 1995-08-15  
[86] 1994-02-23 (PCT/GB1994/000358)  
[87] (WO1994/019095)  
[30] US (025,360) 1993-02-26

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[11] **2,157,087**  
[13] C

[51] Int.Cl. 6H01R 13/658 6H01R 17/12  
6H01R 23/72  
[25] EN  
[54] PLUG-TYPE CONNECTOR FOR  
WIRING BACKPLANES  
[54] CONNECTEURS POUR FOND DE  
PANIER  
[72] ZELL, KARL, DE  
[72] SEIDEL, PETER, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[22] 1995-08-28  
[30] EP (94113446.2) 1994-08-29

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[11] **2,157,775**  
[13] C

[51] Int.Cl. 6A61L 2/04 6A61L 11/00  
[25] EN  
[54] METHOD AND SYSTEM FOR  
DETOXIFYING SOLID WASTE  
[54] SYSTEME DE DETOXIFICATION  
DES DECHETS SOLIDES ET METHODE  
CONNEXE  
[72] GALLOWAY, TERRY RANDOLPH,  
US  
[73] SCIENTIFIC ECOLOGY GROUP, INC.  
(THE), US  
[85] 1995-09-07  
[86] 1994-03-02 (PCT/US1994/002292)  
[87] (WO1994/020149)  
[30] US (08/027,360) 1993-03-08

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[11] **2,160,421**  
[13] C

[51] Int.Cl. 6H01T 4/02 6H01T 1/12  
[25] EN  
[54] DEVICE FOR INDICATING A  
FAULTY CONDITION OF AN  
ELECTRICAL APPARATUS, IN  
PARTICULAR OF A SURGE ARRESTER  
[54] DISPOSITIF INDICATEUR DE  
FAUTE DANS UN APPAREIL  
ELECTRIQUE, NOTAMMENT EN CAS  
DE SURTENSION  
[72] SCHMIDT, WALTER, CH  
[73] ABB SCHWEIZ HOLDING AG, CH  
[22] 1995-10-12  
[30] DE (195 06 307.4) 1995-02-23

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[11] **2,163,757**  
[13] C

[51] Int.Cl. 6A47L 15/44 6C11D 7/42  
[25] EN  
[54] A PROCESS AND AN  
ARRANGEMENT FOR MACHINE  
DISHWASHING  
[54] PROCEDE ET ARRANGEMENT  
POUR MACHINE A LAVER LA  
VAISSELLE  
[72] BREYER, JACQUES, BE  
[72] HELLMANN, GUENTER, DE  
[72] HEMM, DIETER, DE  
[72] WILBERT, KLAUS, DE  
[73] HENKEL-ECOLAB GMBH & CO.  
OHG, DE  
[85] 1995-11-27  
[86] 1994-05-25 (PCT/EP1994/001698)  
[87] (WO1994/027488)  
[30] DE (P 43 17 295.4) 1993-05-25  
[30] DE (P 43 24 106.9) 1993-07-17  
[30] DE (P 43 24 202.2) 1993-07-19

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[11] **2,166,819**  
[13] C

[51] Int.Cl. 6H01R 13/635  
[25] EN  
[54] ELECTRICAL PLUG WITH LEVER  
FOR DISENGAGEMENT FROM A  
MATING RECEPTACLE  
[54] FICHE ELECTRIQUE AVEC  
LEVIER DESTINE A EN FACILITER LE  
DEGAGEMENT D'UNE PIECE DE  
COURANT  
[72] MADDOCK, WILLIAM H., CA  
[73] WOODS INDUSTRIES (CANADA)  
INC., CA  
[22] 1996-01-09  
[30] US (08/375,888) 1995-01-20

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[11] **2,166,898**  
[13] C

[51] Int.Cl. 6C07C 401/00 6C07C 62/00  
6C07C 69/03 6A61K 31/045 6C07D 303/14  
6C07C 43/188 6C07C 35/27 6C07C 47/28  
6C07C 49/29 6A61K 31/335 6A61K 31/59  
6C07C 309/63  
[25] EN  
[54] NOVEL STRUCTURAL  
ANALOGUES OF VITAMIN D  
[54] NOUVEAUX ANALOGUES  
STRUCTURELS DE LA VITAMINE D  
[72] BOUILLOUN, ROGER, BE  
[72] VANDEWALLE, MAURITS, BE  
[72] DE CLERCQ, PIERRE JEAN, BE  
[73] LABORATOIRE THERAMEX, MC  
[85] 1996-01-09  
[86] 1994-07-07 (PCT/EP1994/002294)  
[87] (WO1995/001960)  
[30] EP (93202037.3) 1993-07-09

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[11] **2,167,168**  
[13] C

[51] Int.Cl. 6B01F 5/00  
[25] EN  
[54] APPARATUS FOR MIXING THE  
COMPONENTS OF A FLUID FLOW  
[54] APPAREIL POUR MELANGER LES  
COMPOSANTS D'UN ECOULEMENT  
FLUIDE  
[72] LINGA, HARALD, NO  
[72] ONSRUD, GISLE, NO  
[72] SAGLI, JAN RICHARD, NO  
[73] DEN NORSKE STATS OLJESELSKAP  
A.S., NO  
[85] 1996-01-12  
[86] 1994-07-13 (PCT/NO1994/000125)  
[87] (WO1995/002448)  
[30] NO (932564) 1993-07-14

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[11] **2,173,594**  
[13] C

[51] Int.Cl. 6A61M 1/14  
[25] EN  
[54] METHODS AND COMPOSITIONS  
OF A BIOARTIFICIAL KIDNEY  
SUITABLE FOR USE IN VIVO OR EX  
VIVO  
[54] PROCEDES ET COMPOSITIONS  
CONCERNANT UN REIN  
BIOARTIFICIEL CONVENANT POUR  
UNE UTILISATION IN VIVO OU EX  
VIVO  
[72] CIESLINSKI, DEBORAH A., US  
[72] HUMES, H. DAVID, US  
[73] THE REGENTS OF THE  
UNIVERSITY OF MICHIGAN, US  
[85] 1996-04-04  
[86] 1994-10-11 (PCT/US1994/011384)  
[87] (WO1995/011048)  
[30] US (133,436) 1993-10-08

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[11] **2,173,744**  
[13] C

[51] Int.Cl. 6F41A 27/30  
[25] EN  
[54] IMPROVED WEAPON  
STABILIZATION SYSTEM  
[54] SYSTEME AMELIORE DE  
STABILISATION D'UNE ARME  
[72] NG, MICHAEL S., US  
[72] WROBLE, ARTHUR J., US  
[73] CADILLAC GAGE TEXTRON INC.,  
US  
[85] 1996-04-09  
[86] 1994-11-14 (PCT/US1994/013023)  
[87] (WO1995/013514)  
[30] US (150,890) 1993-11-12

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[11] **2,174,645**  
[13] C

[51] Int.Cl. 6C12P 17/18 6C12N 1/14  
6C07D 491/16 6C07D 491/22 6A61K 31/40  
**6A01N 43/90**  
[25] EN  
[54] POLYCYCLIC ANTIPARASITIC AGENTS, PROCESS AND STRAIN FOR THEIR PREPARATION AND THEIR USE  
[54] AGENTS ANTIPARASITES POLYCYCLIQUES, PROCEDE ET SOUCHE UTILISES DANS LEUR PREPARATION, ET LEUR UTILISATION  
[72] POLISHOOK, JON D., US  
[72] ONDEYKA, JOHN G., US  
[72] OSTLIND, DAN A., US  
[72] DOMBROWSKI, ANNE W., US  
[72] ENDRIS, RICHARD G., US  
[72] HELMS, GREGORY L., US  
[72] HENSENS, OTTO D., US  
[72] ZINK, DEBORAH L., US  
[73] MERCK & CO., INC., US  
[85] 1996-04-19  
[86] 1994-10-27 (PCT/US1994/012302)  
[87] (WO1995/012599)  
[30] US (146,638) 1993-11-01

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[11] **2,178,156**  
[13] C

[51] Int.Cl. 6H04N 5/57  
[25] EN  
[54] TELEVISION RECEIVER INCLUDING SHADING CORRECTION WITHOUT DETERIORATING S/N RATIO  
[54] RECEPTEUR DE TELEVISION A CORRECTION DES OMBRAGES SANS DEGRADATION DU RAPPORT SIGNAL SUR BRUIT  
[72] OSUGA, SATOSHI, JP  
[72] INAMOTO, YOSHIHIRO, JP  
[72] KIKUCHI, HIROAKI, JP  
[73] SONY CORPORATION, JP  
[22] 1996-06-04  
[30] JP (P07-142053) 1995-06-08

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[11] **2,183,357**  
[13] C

[51] Int.Cl. 6A47B 85/04 6A47B 83/02  
**6A47B 37/04**  
[25] EN  
[54] MULTI-PURPOSE CONVERTIBLE FURNITURE  
[54] MEUBLE TRANSFORMABLE A USAGES MULTIPLES  
[72] SZANTOR, LASZLO, CA  
[72] COOPER, ROBERT JAMES, GB  
[73] COOPER, ROBERT JAMES, GB  
[85] 1996-08-14  
[86] 1995-02-14 (PCT/CA1995/000069)  
[87] (WO1995/021558)  
[30] CA (2115685) 1994-02-15

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[11] **2,188,504**  
[13] C

[51] Int.Cl. 6C08G 18/10 6C08G 18/22  
**6C08G 18/32 6C08G 18/42**  
[25] EN  
[54] A PROCESS FOR PREPARING SOLID ELASTOMERIC POLYURETHANES HAVING REDUCED SURFACE SKINNING  
[54] METHODE POUR PREPARER DES POLYURETHANES ELASTOMERES SOLIDES AVEC FORMATION REDUITE DE PEAU  
[72] PANTONE, RICHARD S., US  
[72] SARPESHKAR, ASHOK M., US  
[73] BAYER CORPORATION, US  
[22] 1996-10-22  
[30] US (08/580,268) 1995-12-28

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[11] **2,189,245**  
[13] C

[51] Int.Cl. 6C03B 5/18 6B09B 3/00 6G21F 9/28  
[25] EN  
[54] APPARATUS AND METHOD FOR VITRIFYING HAZARDOUS WASTE  
[54] APPAREIL ET PROCEDE DE VITRIFICATION DE DECHETS DANGEREUX  
[72] WETMORE, KENNETH H., US  
[72] KORMANYOS, KENNETH R., US  
[72] COX, STEPHEN F., US  
[73] STIR-MELTER, INC., US  
[85] 1996-10-30  
[86] 1995-03-20 (PCT/US1995/003501)  
[87] (WO1995/032026)  
[30] US (08/246,414) 1994-05-20

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[11] **2,189,460**  
[13] C

[51] Int.Cl. 6B65D 77/24 6F25D 5/00  
6F24J 1/00 6A47J 36/28 6B65D 81/32  
[25] EN  
[54] CONTAINER WITH INTEGRAL MODULE FOR HEATING OR COOLING THE CONTENTS  
[54] CONTENANT AVEC MODULE INCORPORE DESTINE AU CHAUFFAGE OU AU REFRIGERISSEMENT DU CONTENU  
[72] SCUDDER, JAMES A., US  
[72] BERNTSEN, JAMES L., US  
[73] INSTA-HEAT, INC., US  
[85] 1996-11-01  
[86] 1995-05-26 (PCT/US1995/006836)  
[87] (WO1995/032656)  
[30] US (08/250,537) 1994-05-31

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[11] **2,192,729**  
[13] C

[51] Int.Cl. 6D21G 9/00 6D21F 1/16  
[25] EN  
[54] COMPOSITE PAPERMAKING FABRIC WITH PAIRED WEFT BINDER YARNS  
[54] TOILE COMPOSITE AVEC PAIRAGE DE FIL DE LIAGE, POUR LA FABRICATION DU PAPIER  
[72] CHAPLIN, DEREK G., CA  
[72] JOHNSON, DALE B., CA  
[72] SEABROOK, RONALD H., CA  
[72] BARRETT, REX, US  
[73] ASTENJOHNSON, INC., CA  
[22] 1996-12-12  
[30] GB (9604602.4) 1996-03-04

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[11] **2,197,632**  
[13] C

[51] Int.Cl. 6H04Q 1/02 6H05K 7/00  
6H02G 3/10  
[25] EN  
[54] HINGED FOLD DOWN PANEL KIT  
[54] ENSEMBLE DE PANNEAUX RABATTABLES A CHARNIERE  
[72] BULLIVANT, TODD J., US  
[73] HUBBELL INCORPORATED, US  
[22] 1997-02-14  
[30] US (08/711,938) 1996-09-04

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**[11] 2,200,253**  
[13] C

[51] Int.Cl. 6F02M 37/22 6F02C 7/22  
[25] FR  
[54] CIRCUIT D'ALIMENTATION DE CARBURANT PERMETTANT LA DECONTAMINATION DU DEBIT DOSE INJECTE  
[54] FUEL SUPPLY SYSTEM FOR DECONTAMINATING INJECTED FUEL  
[72] HALIN, YVES ROBERT, FR  
[73] SNECMA MOTEURS, FR  
[22] 1997-03-18  
[30] FR (96.03498) 1996-03-21

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**[11] 2,202,741**  
[13] C

[51] Int.Cl. 6G11B 27/022  
[25] EN  
[54] SYSTEM, APPARATUS AND METHOD FOR MANAGING THE USE AND STORAGE OF DIGITAL INFORMATION  
[54] SYSTEME, APPAREIL ET METHODE DE GESTION DE L'UTILISATION ET DU STOCKAGE DE L'INFORMATION NUMERIQUE  
[72] MERCER, JEREMY E., US  
[72] NADAS, THOMAS P., CA  
[72] ZAMISKA, JAMES C., CA  
[73] AVID TECHNOLOGY, INC., US  
[22] 1997-04-15

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**[11] 2,205,971**  
[13] C

[51] Int.Cl. 6G01V 3/26  
[25] EN  
[54] DETERMINING ELECTRICAL CONDUCTIVITY OF AN EARTH LAYER  
[54] DETERMINATION DE LA CONDUCTIBILITE ELECTRIQUE D'UNE COUCHE TERRESTRE  
[72] VAN DER HORST, MELIS, NL  
[73] SHELL CANADA LIMITED, CA  
[85] 1997-05-23  
[86] 1995-12-04 (PCT/EP1995/004821)  
[87] (WO1996/018120)  
[30] EP (94203529.6) 1994-12-05

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**[11] 2,206,010**  
[13] C

[51] Int.Cl. 6B66F 7/08  
[25] EN  
[54] HEAVY VEHICLE LIFTING DEVICE AND METHOD  
[54] DISPOSITIF DE LEVAGE DE VEHICULE LOURD ET METHODE  
[72] BRIAND, JEAN, CA  
[72] MARINIER, SERGE, CA  
[72] BELLEY, CHRISTIAN, CA  
[73] 3991814 CANADA INC., CA  
[22] 1997-05-23

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**[11] 2,208,945**  
[13] C

[51] Int.Cl. 6B23P 15/26  
[25] EN  
[54] PROCESS FOR PRODUCING FLAT HEAT EXCHANGE TUBES  
[54] PROCEDE DE FABRICATION POUR TUBES PLATS D'ECHANGEUR DE CHALEUR  
[72] FURUTA, MASAKAZU, JP  
[72] TANAKA, DAISHI, JP  
[72] TAKAHASHI, KAZUYUKI, JP  
[72] OSAME, YASUHIRO, JP  
[73] SHOWA DENKO K.K., JP  
[22] 1997-06-25  
[30] JP (8-166165) 1996-06-26  
[30] JP (8-166166) 1996-06-26

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**[11] 2,210,848**  
[13] C

[51] Int.Cl. 6A61K 7/021 6A61K 7/42  
[25] FR  
[54] UTILISATION DE DERIVES DE LA MELATONINE POUR LA DEPIGMENTATION DE LA PEAU ET COMPOSITIONS LES COMPRENANT  
[54] USE OF MELATONIN DERIVATIVES FOR THE DEPIGMENTATION OF SKIN, AND COMPOUNDS CONTAINING SUCH DERIVATIVES  
[72] NADAUD, JEAN-FRANCOIS, FR  
[72] NGUYEN, QUANG LAN, FR  
[73] L'OREAL, FR  
[22] 1997-07-24  
[30] FR (96 09 388) 1996-07-25

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**[11] 2,210,941**  
[13] C

[51] Int.Cl. 6B27K 3/14  
[25] EN  
[54] WOOD PRESERVATIVE WRAP  
[54] ENVELOPPE DE PRESERVATION DU BOIS  
[72] WALL, WESLEY JAMES, CA  
[72] WALL, CALVIN LEE MICHAEL, CA  
[73] GENICS INC., CA  
[22] 1997-07-21

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**[11] 2,214,942**  
[13] C

[51] Int.Cl. 6C03B 7/088  
[25] EN  
[54] METHOD AND APPARATUS FOR DELIVERING A CASED GLASS STREAM  
[54] METHODE ET APPAREIL POUR DEVERSER UN FLUX DE VERRE DOUBLE  
[72] SCOTT, GARRETT L., US  
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1997-09-08  
[30] US (08/717,040) 1996-09-20

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

[51] Int.Cl. 6G06F 17/30 6G06F 13/14  
[25] EN  
[54] TIME COHERENT CACHING SYSTEM  
[54] SYSTEME TEMPORELLEMENT COHERENT DE GESTION EN ANTEMEMOIRE  
[72] BITTINGER, REED RICHARD, US  
[72] HOUSEL, BARRON CORNELIUS, US  
[72] FRAENKEL, MICHAEL LEVI, US  
[72] LINDQUIST, DAVID BRUCE, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1997-10-14  
[86] 1996-07-11 (PCT/US1996/011552)  
[87] (WO1997/030403)  
[30] US (08/601,753) 1996-02-15

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[11] 2,221,013  
[13] C

[51] Int.Cl. 6B02C 23/20  
[25] EN  
[54] PROCESS AND SYSTEM FOR  
RECYCLING GLASS  
[54] PROCEDE ET SYSTEME DE  
RECYCLAGE DU VERRE  
[72] BERGART, DAVID, CA  
[73] BERGART, DAVID, CA  
[22] 1997-11-13

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[11] 2,222,642  
[13] C

[51] Int.Cl. 6A61K 35/74 6A61K 9/02  
6C12N 11/04 6A61K 9/14 6A61K 9/48  
6A61K 9/50  
[25] EN  
[54] MICRO-ENCAPSULATED  
LACTOBACILLI FOR MEDICAL  
APPLICATIONS  
[54] LACTOBACILLES MICRO-  
ENCAPSULES A APPLICATIONS  
MEDICALES  
[72] FORD, LARRY C., US  
[73] BIOFEM, INC., US  
[85] 1997-11-27  
[86] 1996-05-31 (PCT/US1996/008260)  
[87] (WO1996/038159)  
[30] US (08/459,058) 1995-06-02

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[11] 2,223,054  
[13] C

[51] Int.Cl. 6A61F 2/06  
[25] EN  
[54] PULL BACK SLEEVE SYSTEM  
WITH COMPRESSION RESISTANT  
INNER SHAFT  
[54] SYSTEME DE MANCHON A  
RECOL A TIGE INTERIEURE  
RESISTANT A LA COMPRESSION  
[72] PETERSON, DEAN A., US  
[72] SHOEMAKER, SUSAN M., US  
[72] DEL TORO, CONNIE, US  
[73] SCIMED LIFE SYSTEMS, INC., US  
[85] 1997-12-02  
[86] 1996-04-26 (PCT/US1996/005842)  
[87] (WO1996/039998)  
[30] US (08/484,006) 1995-06-07

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[11] 2,224,973  
[13] C

[51] Int.Cl. 6F16K 1/226  
[25] EN  
[54] TORSIONALLY LOADED FLUID  
SEALS FOR ROTARY VALVES  
[54] JOINTS D'ETANCHEITE MIS EN  
CONTRAINTE PAR TORSION,  
DESTINES A DES VANNES ROTATIVES  
[72] MCMAHON, TIMOTHY A., US  
[72] NOLAN, BRIAN V., US  
[72] KIRK, STEVEN M., US  
[72] HUTCHENS, WILBUR D., US  
[72] HUNSMERGER, PAUL R., JR., US  
[73] FISHER CONTROLS  
INTERNATIONAL LLC, US  
[85] 1997-12-17  
[86] 1996-05-22 (PCT/US1996/007451)  
[87] (WO1997/002446)  
[30] US (08/491,360) 1995-06-30

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[11] 2,231,397  
[13] C

[51] Int.Cl. 6B32B 13/04  
[25] EN  
[54] AN ARCHITECTURAL MATERIAL  
AND A PROCESS OF PRODUCTION  
THEREOF  
[54] MATERIAU DE CONSTRUCTION  
ET PROCEDE DE FABRICATION  
DUDIT MATERIAU  
[72] TAKAOKA, TOSHIHIRO, JP  
[72] SAKAI, YOSHIHIRO, JP  
[72] FUJIMOTO, TADASHI, JP  
[73] TOKUYAMA CORPORATION, JP  
[85] 1998-03-09  
[86] 1997-07-10 (PCT/JP1997/002384)  
[87] (WO1998/001296)  
[30] JP (180965/96) 1996-07-10  
[30] JP (250362/96) 1996-09-20  
[30] JP (288276/96) 1996-10-30

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[11] 2,232,218  
[13] C

[51] Int.Cl. 6G09F 25/00 6H04R 3/00  
6G10K 15/04  
[25] EN  
[54] AUDIO LABEL  
[54] ETIQUETTE AUDIO  
[72] MACKENROTH, JOSEPH R., III, US  
[72] HORNSTEIN, ROBERT C., US  
[73] HORNSTEIN, ROBERT C., US  
[22] 1998-04-23  
[30] US (08/845,675) 1997-04-25

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[11] 2,236,225  
[13] C

[51] Int.Cl. 6G06F 3/00  
[25] EN  
[54] DYNAMICALLY ALLOCATING  
SPACE IN RAM SHARED BETWEEN  
MULTIPLE USB ENDPOINTS AND USB  
HOST  
[54] ALLOCATEUR DYNAMIQUE  
D'ESPACE DANS UN RAM PARTAGE  
ENTRE DE MULTIPLE POINTS  
FINAUX USB ET USB HOTE  
[72] DUNNIHOO, JEFFREY CLAY, US  
[73] STANDARD MICROSYSTEMS  
CORPORATION, US  
[22] 1998-04-30  
[30] US (08/846,882) 1997-05-01

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[11] 2,236,753  
[13] C

[51] Int.Cl. 6E21B 44/00 6E21B 43/12  
[25] EN  
[54] METHOD OF CONTROLLING  
DEVELOPMENT OF AN OIL OR GAS  
RESERVOIR  
[54] METHODE DE PLANIFICATION  
DE LA MISE EN VALEUR D'UN  
GISEMENT DE PETROLE OU DE GAZ  
[72] STEPHENSON, STANLEY V., US  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1998-05-05  
[30] US (08/851,919) 1997-05-06

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[11] 2,237,551  
[13] C

[51] Int.Cl. 6B67D 5/04  
[25] EN  
[54] FILLING OF TANKS WITH  
VOLATILE LIQUIDS  
[54] REMPLISSAGE DE RESERVOIRS  
AVEC DES LIQUIDES VOLATILS  
[72] CARTER, RODNEY, GB  
[73] PETRO-MAN LIMITED, GB  
[85] 1998-05-13  
[86] 1996-11-13 (PCT/GB1996/002767)  
[87] (WO1997/018155)  
[30] GB (95 23215.3) 1995-11-13

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[11] \* 2,242,833  
[13] C

[51] Int.Cl. 6G06F 17/30 6G06F 15/16  
6G06F 15/167  
[25] EN  
[54] PARALLEL FILE SYSTEM AND  
METHOD USING TOKENS AND  
METADATA NODES  
[54] SYSTÈME DE FICHIERS  
PARALLELES ET MÉTHODE  
D'UTILISATION DE JETONS ET DE  
NOEUDS DE METADONNÉES  
[72] KANDADAI, RADHA R., US  
[72] ZLOTEK, ANTHONY J., US  
[72] WYLLIE, JAMES C., US  
[72] SHMUELI, BOAZ, IL  
[72] SCHMUCK, FRANK B., US  
[72] KISH, WILLIAM A., US  
[72] CURRAN, ROBERT J., US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1998-07-09  
[30] US (08/893,627) 1997-07-11  
[30] US (08/893,723) 1997-07-11  
[30] US (08/893,725) 1997-07-11

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[11] 2,245,312  
[13] C

[51] Int.Cl. 6H04L 12/54 6H04B 7/26  
[25] EN  
[54] TRUCK COMMUNICATION  
SYSTEM  
[54] SYSTÈME DE COMMUNICATION  
POUR CAMIONS  
[72] DOYLE, THOMAS F., US  
[72] HELMS, ROBERT V., US  
[72] COPPINGER, JAMES B., US  
[73] QUALCOMM INCORPORATED, US  
[73] TRANSCOMMUNICATIONS, INC.,  
US  
[22] 1998-08-19  
[30] US (08/914,102) 1997-08-19

[11] 2,245,720  
[13] C

[51] Int.Cl. 6G01V 11/00  
[25] EN  
[54] WELL LOGGING METHOD AND  
APPARATUS FOR NMR AND  
RESISTIVITY MEASUREMENTS  
[54] PROCEDE D'ENREGISTREMENT  
À L'INTERIEUR D'UN SONDAJE ET  
APPAREIL DE MESURE DE LA RMN ET  
DE LA RESISTIVITE  
[72] GRIFFIN, DOUGLAS, US  
[72] SEZGINER, ABDURRAHMAN, US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[85] 1998-07-31  
[86] 1997-11-26 (PCT/US1997/021889)  
[87] (WO1998/025164)  
[30] US (08/759,829) 1996-12-04

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[11] 2,247,393  
[13] C

[51] Int.Cl. 6F02B 33/42 6F01N 3/20  
6F01N 3/28  
[25] EN  
[54] SPARK IGNITION ENGINE WITH  
PRESSURE-WAVE SUPERCHARGER  
[54] MOTEUR A ALLUMAGE PAR  
ETINCELLE AVEC  
SURCOMPRESSEUR A ONDES DE  
PRESSION  
[72] WENGER, URS, CH  
[73] SWISSAUTO ENGINEERING S.A.,  
CH  
[85] 1998-08-26  
[86] 1997-03-03 (PCT/CH1997/000079)  
[87] (WO1997/033080)  
[30] EP (96810128.7) 1996-03-05

[11] 2,248,431  
[13] C

[51] Int.Cl. 6E04B 1/04 6E04B 1/14  
[25] EN  
[54] METHOD OF IMPROVING  
DURABILITY OF A BUILDING,  
BUILDING, FAR-INFRARED  
RADIATION THERMAL STORAGE  
FLOOR HEATING SYSTEM, AND  
METHOD OF IMPROVING SOIL OF  
BUILDING LOT  
[54] METHODE POUR AMELIORER LA  
DURABILITÉ D'UN IMMEUBLE,  
IMMEUBLE, SYSTÈME DE  
CHAUFFAGE PAR LE PLANCHER A  
RAYONNEMENT INFRAROUGE  
LOINTAIN ET A STOCKAGE  
THERMIQUE, ET METHODE POUR  
AMELIORER LE SOL D'UN TERRAIN  
[72] MAEDA, ISAMU, JP  
[73] SCANDINAVIA HOME CO., LTD., JP  
[22] 1998-09-25  
[30] JP (10-88603) 1998-04-01  
[30] JP (10-99676) 1998-04-10

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[11] 2,248,651  
[13] C

[51] Int.Cl. 6G01N 33/554 6C12Q 1/02  
[25] EN  
[54] METHOD OF IDENTIFYING MHC-  
CLASS I RESTRICTED ANTIGENS  
ENDOGENOUSLY PROCESSED BY A  
CELLULAR SECRETORY PATHWAY  
[54] PROCEDE D'IDENTIFICATION  
D'ANTIGENES CMH DE CLASSE I  
LIMITES ET TRAITES DE MANIERE  
ENDOGENE PAR UNE VOIE  
SECRETOIRE CELLULAIRE  
[72] JEFFERIES, WILFRED A., CA  
[72] KOLAITIS, GERASSIMOS, CA  
[72] GABATHULER, REINHARD, CA  
[72] REID, GREGOR S. D., CA  
[72] ALIMONTI, JUDIE, CA  
[73] THE UNIVERSITY OF BRITISH  
COLUMBIA, CA  
[85] 1998-09-10  
[86] 1997-03-12 (PCT/CA1997/000173)  
[87] (WO1997/034143)  
[30] US (08/614,142) 1996-03-12

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[11] 2,251,539  
[13] C

[51] Int.Cl. 6C07C 255/24 6C07C 211/12  
6C07C 253/30 6C07C 209/48  
[25] EN  
[54] COPRODUCTION OF 6-  
AMINOCAPRONITRILE AND  
HEXAMETHYLENEDIAMINE  
[54] COPRODUCTION DU 6-  
AMINOCAPRONITRILE ET DE  
L'HEXAMETHYLENEDIAMINE  
[72] FISCHER, ROLF, DE  
[72] HARDER, WOLFGANG, DE  
[72] VOIT, GUIDO, DE  
[72] FLICK, KLEMENS, DE  
[72] MELDER, JOHANN-PETER, DE  
[72] SCHNURR, WERNER, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1998-09-29  
[86] 1997-04-04 (PCT/EP1997/001685)  
[87] (WO1997/037964)  
[30] DE (19614154.0) 1996-04-10

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[11] 2,256,064  
[13] C

[51] Int.Cl. 6G01R 29/00 6G01R 29/26  
[25] EN  
[54] DEVICE FOR DETERMINING THE  
QUALITY OF AN OUTPUT SIGNAL TO  
BE GENERATED BY A SIGNAL  
PROCESSING CIRCUIT, AND ALSO  
METHOD  
[54] DISPOSITIF POUR DETERMINER  
LA QUALITE D'UN SIGNAL DE  
SORTIE DEVANT ETRE GENERE PAR  
UN CIRCUIT DE TRAITEMENT DE  
SIGNAUX, ET PROCEDE ASSOCIE  
[72] BEERENDS, JOHN GERARD, NL  
[73] KONINKLIJKE KPN N.V., NL  
[85] 1998-11-19  
[86] 1997-05-16 (PCT/EP1997/002712)  
[87] (WO1997/044779)  
[30] EP (96201348.8) 1996-05-21

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[11] 2,256,622  
[13] C

[51] Int.Cl. 6B01J 2/10 6A23P 1/04  
[25] EN  
[54] METHOD FOR THE  
ENCAPSULATION OF LIQUIDS  
[54] PROCEDE D'ENCAPSULATION DE  
LIQUIDES  
[72] REDD, RANDALL VANN, US  
[72] SELL, JOSEPH L., US  
[73] BCP INGREDIENTS INC., US  
[85] 1998-11-25  
[86] 1997-05-27 (PCT/IB1997/000940)  
[87] (WO1997/045195)  
[30] US (08/656,118) 1996-05-30

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[11] 2,257,103  
[13] C

[51] Int.Cl. 6D21H 27/40 6D21H 27/02  
[25] EN  
[54] MULTIPLE PLY TISSUE PAPER  
WITH CONTINUOUS NETWORK  
REGIONS  
[54] PAPEL SOIE A COUCHES  
MULTIPLES A ZONES EN RESEAU  
CONTINU  
[72] BARNHOLTZ, STEVEN LEE, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1998-11-19  
[86] 1997-05-08 (PCT/US1997/007998)  
[87] (WO1997/044528)  
[30] US (08/652,057) 1996-05-23

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[11] 2,257,252  
[13] C

[51] Int.Cl. 6F42D 1/10  
[25] EN  
[54] SYSTEM FOR THE PNEUMATIC  
DELIVERY OF EMULSION  
EXPLOSIVES  
[54] SYSTEME POUR LA LIBERATION  
PNEUMATIQUE D'EXPLOSIFS A  
EMULSION  
[72] McDONALD, KEITH J., CA  
[72] ATKINSON, KERRY S., US  
[73] DYNO NOBEL INC., US  
[85] 1998-12-02  
[86] 1997-06-16 (PCT/US1997/010458)  
[87] (WO1997/048966)  
[30] US (08/665,863) 1996-06-19

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[11] 2,260,651  
[13] C

[51] Int.Cl. 6F21V 17/02  
[25] EN  
[54] LIGHTING FIXTURE  
[54] LUMINAIRE  
[72] WEGRZYN, JOSEPH, US  
[72] LAROSA, JOSEPH M., US  
[73] G. S. BUILDING SYSTEMS  
CORPORATION, US  
[22] 1999-02-03  
[30] US (09/107,887) 1998-06-30

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[11] 2,266,932  
[13] C

[51] Int.Cl. 6D21H 25/00 6D21F 2/00  
6D21H 17/67  
[25] EN  
[54] A PROCESS FOR MAKING  
SMOOTH UNCREPED TISSUE PAPER  
CONTAINING FINE PARTICULATE  
FILLERS  
[54] PROCEDE DE PRODUCTION DE  
PAPIER SANITAIRE NON CREPE ET  
LISSE CONTENANT DES CHARGES DE  
FINES PARTICULES  
[72] VINSON, KENNETH DOUGLAS, US  
[73] INSTITUTE OF PAPER SCIENCE  
AND TECHNOLOGY, US  
[85] 1999-03-24  
[86] 1997-09-19 (PCT/US1997/016792)  
[87] (WO1998/013549)  
[30] US (08/720,110) 1996-09-27

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[11] 2,266,947  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] DISPOSABLE DIAPER  
[54] COUCHE JETABLE  
[72] SUEKANE, MAKOTO, JP  
[72] SUZUKI, NAOMI, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 1999-03-25  
[30] JP (10-87391) 1998-03-31

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[11] 2,268,657  
[13] C

[51] Int.Cl. 6A24F 47/00  
[25] EN  
[54] POWER CONTROLLER AND  
METHOD OF OPERATING AN  
ELECTRICAL SMOKING SYSTEM  
[54] DISPOSITIF DE COMMANDE ET  
PROCEDE DE MISE EN SERVICE D'UN  
BRIQUET ELECTRIQUE  
[72] NELSON, J. ROBERT JR., US  
[72] WATKINS, MICHAEL L., US  
[72] SHARPE, DAVID E., US  
[72] LOSEE, D. BRUCE, US  
[72] HIGGINS, CHARLES T., US  
[72] FLEISCHHAUER, GRIER S., US  
[72] SANO, MASATO, JP  
[72] RIPLEY, ROBERT L., US  
[73] PHILIP MORRIS PRODUCTS INC.,  
US  
[85] 1999-04-14  
[86] 1997-10-21 (PCT/US1997/018494)  
[87] (WO1998/017131)  
[30] US (08/755,044) 1996-10-22

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[11] **2,270,048**  
[13] C

[51] Int.Cl. 6H04M 15/00  
[25] EN  
[54] A METHOD AND APPARATUS FOR CHARGING FOR AN OUTGOING VOICE CALL PERFORMED DURING AN INTERNET SESSION  
[54] PROCEDE ET SYSTEME DE FACTURATION D'UNE COMMUNICATION Vocale DE DEPART EFFECTUEE PENDANT UNE SESSION INTERNET  
[72] FOGELHOLM, RABBE, SE  
[72] SVEDBERG, JOHAN, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-04-27  
[86] 1997-10-28 (PCT/SE1997/001795)  
[87] (WO1998/019448)  
[30] SE (9603932-6) 1996-10-28

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[11] **2,270,608**  
[13] C

[51] Int.Cl. 6H04B 7/02  
[25] EN  
[54] APPARATUS FOR COMMUNICATING DIVERSITY SIGNALS OVER A TRANSMISSION MEDIUM  
[54] APPAREIL POUR COMMUNIQUER DES SIGNAUX EN DIVERSITE SUR UN SUPPORT DE TRANSMISSION  
[72] LARKIN, ROBERT S., US  
[72] WU, QIANG, US  
[72] FARRIS, ROBERT L., US  
[73] RADIO FREQUENCY SYSTEMS, INC., US  
[22] 1999-05-03  
[30] US (09/108,627) 1998-07-01

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[11] **2,272,144**  
[13] C  
[51] Int.Cl. 6B32B 7/12 6B32B 27/06  
6C09J 123/20  
[25] EN  
[54] SHEET FOR PROTECTING PAINT FILMS OF AUTOMOBILES  
[54] FEUILLE PROTECTRICE DE FILMS DE PEINTURE D'AUTOMOBILES  
[72] EDA, TAKESHI, JP  
[72] UEDA, HIROSHI, JP  
[72] INOUE, TSUYOSHI, JP  
[72] MATSUI, KOMAHARU, JP  
[72] SANO, KENJI, JP  
[72] WAKABAYASHI, AKIRA, JP  
[72] HAYASHI, KEIJI, JP  
[72] SUGIMOTO, SHUUJI, JP  
[72] SHIBATA, KENICHI, JP  
[73] NITTO DENKO CORPORATION, JP  
[73] KANSAI PAINT CO., LTD., JP  
[22] 1999-05-17  
[30] JP (10-155216) 1998-05-19  
[30] JP (10-276526) 1998-09-10

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[11] **2,274,379**  
[13] C  
[51] Int.Cl. 6C07C 69/33 6C07C 69/28  
6C07C 69/30 6C07C 67/56  
[25] EN  
[54] METHOD FOR INCREASING THE ELECTRICAL RESISTIVITY OF HINDERED POLYOL ESTER REFRIGERANT LUBRICANTS  
[54] METHODE POUR ACCROITRE LA RESISTIVITE ELECTRIQUE DES LUBRIFIANTS DE REFRIGERANTS A BASE D'ESTERS POLYOLIQUES ENCOMBRES  
[72] SCHNUR, NICHOLAS E., US  
[73] COGNIS CORPORATION, US  
[22] 1995-05-01  
[62] 2,191,108  
[30] US (08/247,790) 1994-05-23

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[11] **2,284,132**  
[13] C  
[51] Int.Cl. 6B65D 75/36 6B65D 83/04  
[25] EN  
[54] BLISTER PACKAGE AND PACKAGED TABLET  
[54] PLAQUETTE ALVEOLEE ET COMPRIMES EMBALLES  
[72] KOSEWICK, JOHN, US  
[72] KATZNER, LEO D., US  
[72] JONES, BRIAN, US  
[72] KHATTAR, JACK, US  
[73] CIMA LABS INC., US  
[85] 1999-09-10  
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[51] Int.Cl. 6B29B 15/04 6B29C 47/00  
6C08J 3/16 6B29C 47/50

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[54] TWO-STEP METHOD FOR DEHYDRATING PLASTIC DISPERSIONS  
[54] PROCEDE A DEUX ETAPES POUR EXTRAIRE L'EAU CONTENUE DANS DES DISPERSIONS DE MATIERES PLASTIQUES  
[72] HOESS, WERNER, DE  
[72] VETTER, HEINZ, DE  
[72] SCHIKOWSKY, HARTMUT, DE  
[73] ROHM GMBH & CO. KG, DE  
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[54] REVETEMENT MULTICOUCHE  
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[73] MASCO CORPORATION OF INDIANA, US  
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[54] ALL-LINKAGE RECLINER WITH  
REINFORCED CHAIR FRAME  
CONSTRUCTION  
[54] FAUTEUIL-COUCHETTE  
ENTIEREMENT ARTICULE AVEC  
CHASSIS RENFORCE  
[72] LAPOINTE, LARRY P., US  
[72] MERO, MICHAEL R., JR., US  
[73] LA-Z-BOY INCORPORATED, US  
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[51] Int.Cl. 7C07C 409/26 7C07C 407/00  
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[54] METHOD FOR PRODUCING  
PERACETIC ACID  
[54] METHODE DE PRODUCTION DE  
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[72] HALLBERG, RICHARD, SE  
[72] PERSSON, HAKAN, SE  
[72] PUDAS, ROLAND, SE  
[73] AKZO NOBEL N.V., NL  
[22] 1999-12-10  
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[13] C

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[25] EN  
[54] POLYAMIDE FIBER SUBSTRATE  
HAVING STAIN RESISTANCE,  
COMPOSITION AND METHOD  
[54] SUBSTRAT EN FIBRES DE  
POLYAMIDE RESISTANT AUX  
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[72] ELGARHY, YASSIN M., CA  
[73] TRICHROMATIC CARPET INC., CA  
[22] 1999-12-16

[11] 2,293,281  
[13] C

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[54] COUPELLE A ROUGE A LEVRES A  
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[72] BOUIX, HERVE FRANCOIS, US  
[73] E-L MANAGEMENT  
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[25] EN  
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[54] SYSTEME DE CONNECTEUR  
[72] VULLIET, FRANCOIS, FR  
[73] INTERLEMO HOLDING S.A., CH  
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[30] EP (97112309.6) 1997-07-17

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[13] C

[51] Int.Cl. 7F21V 8/00  
[25] EN  
[54] DISPLAY DEVICE USING A LIGHT  
GUIDE FOR EXTERIOR AUTOMOTIVE  
LIGHTING  
[54] DISPOSITIF D'AFFICHAGE  
UTILISANT UN CONDUIT DE  
LUMIERE POUR L'ECLAIRAGE  
EXTERIEUR DE VEHICULES  
AUTOMOBILES  
[72] LEKSON, MATTHEW ANDREW, US  
[72] JIAO, JIANZHONG, US  
[73] NORTH AMERICAN LIGHTING,  
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[30] US (09/372,567) 1999-08-11

[11] 2,297,530  
[13] C

[51] Int.Cl. 7F21V 29/00  
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TRANSFER SYSTEM  
[54] ENSEMBLE DE LAMPE AVEC  
SYSTEME DE TRANSFERT DE  
CHALEUR  
[72] STRAUSS, BENJAMIN R., US  
[72] KOEHLER, JOHN D., US  
[73] NORTH AMERICAN LIGHTING,  
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[13] C

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[25] EN  
[54] AUTOMATED PARALLEL  
CAPILLARY ELECTROPHORETIC  
SYSTEM  
[54] SYSTEME  
ELECTROPHORETIQUE CAPILLAIRE  
PARALLEL AUTOMATIQUE  
[72] LIU, CHANGSHENG, US  
[72] SONNENCHEIN, BERNARD, US  
[72] SHARER, MICHAEL V., US  
[72] KERNAN, JOHN R., US  
[72] KANE, THOMAS E., US  
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[73] SPECTRUMEDIX LLC, US  
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 [54] COMPOSITION UTILE POUR L'OBTENTION DE REVETEMENT MAT OU SATINE, UTILISATION DE CETTE COMPOSITION ET REVETEMENT AINSI OBTENU  
 [54] COMPOSITION USEFUL FOR OBTAINING A MATT OR DULL-GLAZED COATING, USE OF SAID COMPOSITION AND RESULTING COATING  
 [72] VOGIN, BERNARD, FR  
 [72] WILLIAMS, FRANCIS JOHN, ES  
 [72] BERNARD, JEAN-MARIE, FR  
 [73] RHODIA CHIMIE, FR  
 [73] CRAY VALLEY IBERICA, ES  
 [85] 2000-01-28  
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 [30] FR (97/09724) 1997-07-30  
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 [13] C

[51] Int.Cl. 7E21B 47/022  
 [25] EN  
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 [54] METHODE DE FORAGE SOUS DES VOIES NAVIGABLES ET AUTRES OBSTACLES  
 [72] DALLAS, TIM, GB  
 [73] GYRODATA, INC., US  
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 [54] GAS TURBINE STARTING METHOD  
 [54] METHODE DE DEMARRAGE DE TURBINE A GAZ  
 [72] ARIMURA, HISATO, JP  
 [72] SEKI, NAOYUKI, JP  
 [73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
 [22] 2000-03-14  
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 [13] C

[51] Int.Cl. 7A45D 40/04  
 [25] FR  
 [54] DISTRIBUTEUR COMPORTANT UN POUSSOIR RAMENE DANS UNE POSITION INITIALE PAR UN ORGANE ELASTIQUE TRAVAILLANT EN TRACTION  
 [54] DISTRIBUTOR COMPRISING A PLUNGER THAT IS RETURNED TO ITS INITIAL POSITION BY THE TENSION OF AN ELASTIC DEVICE  
 [72] GUERET, JEAN-LOUIS, FR  
 [73] L'OREAL, FR  
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 [54] VEHICLE BED SLIDE  
 [54] RAMPE DE CHASSIS DE VEHICULE  
 [72] ROBINSON, STEVE, US  
 [72] CARPENTER, KEITH A., US  
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 [13] C

[51] Int.Cl. 7A61F 2/16  
 [25] FR  
 [54] IMPLANT FORMANT LENTILLE INTRAOOCULAIRE MONOBLOC BI-MATERIAUX  
 [54] IMPLANT FORMING BI-MATERIAL SINGLE-PIECE INTRAOULAR LENS  
 [72] DEFFIEUX, ALAIN, FR  
 [72] DOLATKHANI, MARC, FR  
 [73] IOLTECHNOLOGIE-PRODUCTION, FR  
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 [54] SYSTEME A CYCLE AUTOMATIQUE DE MANIPULATION DE POUBELLES AVEC MONTAGE SUR PIVOTS  
 [72] BRANDT, CALVIN J., US  
 [73] MCNEILUS TRUCK AND MANUFACTURING, INC., US  
 [85] 2000-03-21  
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 [30] US (08/934,527) 1997-09-22

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 [13] C

[51] Int.Cl. 7C05F 17/02  
 [25] EN  
 [54] IMPROVED AERATION SYSTEM FOR COMPOSTING ORGANIC MATTER  
 [54] SYSTEME D'AERATION AMELIORE POUR LE COMPOSTAGE DE MATIERE ORGANIQUE  
 [72] THOLEN, DIETMAR A.M., CA  
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 [22] 2000-05-01

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 [25] EN  
 [54] PROCESS FOR FABRICATING ORGANIC SEMICONDUCTOR DEVICES USING INK-JET PRINTING TECHNOLOGY AND DEVICE AND SYSTEM EMPLOYING SAME  
 [54] PROCEDE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEURS ORGANIQUES AU MOYEN D'UNE TECHNIQUE PAR JET D'ENCRE ET DISPOSITIF ET SYSTEME AFFERENTS  
 [72] YANG, YANG, US  
 [73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
 [85] 2000-04-12  
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[72] LAMOND, DONALD R., US  
[72] SANCHEZ, ADAM, US  
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[30] US (09/306,722) 1999-05-07

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[13] C

[51] Int.Cl. 6A61K 31/00 6A61K 7/00  
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[25] EN  
[54] SKIN CARE COMPOSITION  
[54] COMPOSITION POUR LES SOINS  
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[72] PALUMBO, GIANFRANCO, DE  
[72] GUARRACINO, MARIO, DE  
[73] THE PROCTER & GAMBLE  
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[85] 2000-05-25  
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[25] EN  
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[54] BUSE D'ASPIRATION POUR  
ASPIRATEUR  
[72] LEE, BYUNG-JO, KR  
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DISPENSER  
[54] DISTRIBUTEUR DE MATIERES  
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[72] GATZEMEYER, JOHN J., US  
[72] DAVIS, BRIAN T., US  
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[22] 2000-06-28  
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HO  
[54] CENTRE MOBILE DE  
COMMUTATION ASSURANT LES  
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[72] BERGREN, MARK H., US  
[72] HACENA, FARID, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-07-12  
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[13] C

[51] Int.Cl. 6A23G 3/30 6A61K 9/68  
[25] EN  
[54] METHOD OF CONTROLLING  
RELEASE OF ANTIMICROBIAL  
AGENTS IN CHEWING GUM AND GUM  
PRODUCED THEREBY  
[54] PROCEDE PERMETTANT DE  
REGULER LA LIBERATION  
D'AGENTS ANTIMICROBIENS DANS  
UNE GOMME A MACHER ET GOMME  
A MACHER PRODUITE SELON CE  
PROCEDE  
[72] WITKEWITZ, DAVID L., US  
[72] GREENBERG, MICHAEL J., US  
[72] YATKA, ROBERT J., US  
[72] BARABOLAK, ROMAN M., US  
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[87] (WO1999/033352)

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PRINTING APPARATUS  
[54] CARTOUCHE D'ENCRE POUR  
DISPOSITIF D'IMPRESSION A JET  
D'ENCRE  
[72] TOBA, KOICHI, JP  
[72] SEINO, TAKEO, JP  
[72] NAKA, TAKAHIRO, JP  
[72] SHINADA, SATOSHI, JP  
[72] USUI, MINORU, JP  
[73] SEIKO EPSON CORPORATION, JP  
[22] 2000-10-11  
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CUTTING JET  
[54] JET LUBRIFIÉ HAUTE VITESSE  
DE DECOUPE PAR FLUIDE  
[72] KATZ, JOSEPH, US  
[73] THE JOHNS HOPKINS UNIVERSITY,  
US  
[85] 2000-09-20  
[86] 1998-03-21 (PCT/US1998/005705)  
[87] (WO1998/042380)  
[30] US (08/822,775) 1997-03-21

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[13] C

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6A23K 1/10 6A23L 1/10 6A23K 1/12  
6A23P 1/12 6A23P 1/14  
[25] EN  
[54] PROCESS AND APPARATUS FOR  
TREATING CELLULOSIC MATERIALS  
[54] PROCEDE ET APPAREIL POUR  
TRAITER DES MATERIAUX  
CELLULOsiQUES  
[72] WEAVER, JUSTIN, K., US  
[72] DALE, BRUCE E., US  
[73] MICHIGAN STATE UNIVERSITY, US  
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[54] APPAREIL ET PROCEDE POUR EVALUER LES VARIATIONS D'IMPELANCE DE LA PEAU  
[72] SZOPINKSI, JAN ZBIGNIEW, ZA  
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[73] PASTOR, ALEKSANDER, PL  
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6F02B 23/10 6F01N 3/24 6F01N 3/28  
[25] EN  
[54] INTERNAL COMBUSTION ENGINE  
[54] MOTEUR A COMBUSTION INTERNE  
[72] SASAKI, SHIZUO, JP  
[72] ITO, TAKEKAZU, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[87] (WO2000/003134)  
[30] JP (10/195879) 1998-07-10

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[13] C

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[25] EN  
[54] EXCIPIENT  
[54] EXCIPIENT  
[72] GOMI, SHUN'ICHI, JP  
[72] KAMADA, ETSUO, JP  
[72] OOBÄE, KAZUHIRO, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2001-01-10  
[86] 1999-07-13 (PCT/JP1999/003775)  
[87] (WO2000/003735)  
[30] JP (10/200295) 1998-07-15  
[30] JP (10/323560) 1998-11-13

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[11] **2,338,670**  
[13] C

[51] Int.Cl. 6B32B 15/08 6C09J 7/00  
6B32B 31/12  
[25] EN  
[54] RESIN/COPPER/METAL LAMINATE AND METHOD OF PRODUCING SAME  
[54] MATERIAU LAMELLE EN RESINE/CUIVRE/METAL ET PROCEDE DE PRODUCTION CORRESPONDANT  
[72] CHIANG, SHIH-KAO, US  
[72] STEINER, R. RICHARD, US  
[73] NIKKO MATERIALS USA, INC., US  
[85] 2001-01-23  
[86] 1999-07-08 (PCT/US1999/015394)  
[87] (WO2000/009327)  
[30] US (09/132,638) 1998-08-11

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[13] C

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[25] EN  
[54] ERECTABLE SHELTER WITH GABLE ROOF  
[54] ABRI A MONTER, DOTE D'UN TOIT A PIGNON  
[72] CARTER, MARK C., US  
[73] CARTER, MARK C., US  
[85] 2001-02-06  
[86] 1999-07-09 (PCT/US1999/015497)  
[87] (WO2000/008277)  
[30] US (09/131,148) 1998-08-07

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[13] C

[51] Int.Cl. 7H01M 4/24  
[25] FR  
[54] STRUCTURE COMPRENANT UN PRIMAIRE FLUORE ET ELECTRODE A BASE DE CETTE STRUCTURE  
[54] STRUCTURE COMPRISING A FLUORINATED PRIMER, AND ELECTRODE USING SUCH STRUCTURE  
[72] BARRIERE, BENOIT, FR  
[72] BURCHILL, MICHAEL, US  
[72] MIYAKI, YOSHIIUKI, JP  
[73] ATOFINA, FR  
[22] 2001-03-30  
[30] FR (0004201) 2000-03-31

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[11] **2,346,545**  
[13] C

[51] Int.Cl. 7G06K 15/02 7G06F 3/12  
[25] EN  
[54] PERFORMANCE OPTIMIZATION OF MONOCHROME PAGES IN A COLOR PRINTING SYSTEM  
[54] OPTIMISATION DE LA PERFORMANCE DE PAGES MONOCHROMES DANS UN SYSTEME D'IMPRESSION EN COULEUR  
[72] RUMPH, DAVID E., US  
[72] WELLS, TERRY C., US  
[72] EVANS, SUSAN, US  
[73] XEROX CORPORATION, US  
[22] 2001-05-07  
[30] US (09/569,638) 2000-05-12

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[11] **2,350,106**  
[13] C

[51] Int.Cl. 7E06B 9/30  
[25] EN  
[54] VENITIAN BLIND HAVING SEGMENTED TILT ADJUSTMENT  
[54] STORE VENITIEN AVEC REGLAGE PAR DECENTREMENT SEGMENTE  
[72] LABBE, ROGER, CA  
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[22] 2001-06-12

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[11] **2,350,673**  
[13] C

[51] Int.Cl. 7H04L 12/28  
[25] EN  
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[54] EXTENSION SUR RESEAU POUR PROTOCOLE DE REGROUPEMENT DE LIAISON  
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[72] MARK, BARRY, CA  
[73] TROPIC NETWORKS INC., CA  
[22] 2001-06-15

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[13] C

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[25] EN  
[54] A MOP WRINGER IN  
COMBINATION WITH A MOPHEAD  
[54] ESSOREUSE A VADROUILLE  
COMBINEE A UNE TETE DE  
VADROUILLE  
[72] YOUNG, SCOT, CA  
[73] SCOT YOUNG RESEARCH LIMITED,  
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[22] 2001-06-26  
[30] GB (0104597.0) 2001-02-24

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[13] C

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[25] EN  
[54] BRAKE SHOE FOR SASH  
WINDOW OR DOOR ASSEMBLY  
[54] PATIN DE FREIN POUR FENETRE  
A GUILLOTINE OU PORTE  
[72] ANNES, JASON L., US  
[72] O'DONNELL, RICHARD H., CA  
[73] ASHLAND PRODUCTS, INC., US  
[22] 2001-06-22  
[30] US (09/780,917) 2001-02-09

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[11] 2,352,766  
[13] C

[51] Int.Cl. 7B01J 20/04 7B01D 53/28  
[25] EN  
[54] DESICCANT TABLETS FOR GAS  
DRYING  
[54] TABLETTES DESSICCATIVES  
POUR LA DESSICCATION DE GAZ  
[72] SMITH, KEVIN W., US  
[73] CLEARWATER INTERNATIONAL,  
LLC, US  
[22] 2001-07-10  
[30] US (60/217,805) 2000-07-12  
[30] US (09/803,072) 2001-03-09

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[11] 2,353,425  
[13] C

[51] Int.Cl. 7H01R 13/639 7H01R 13/64  
[25] EN  
[54] CONNECTOR FITTING  
STRUCTURE  
[54] STRUCTURE DE  
RACCORDEMENT DE CONNECTEUR  
[72] KASHIYAMA, MOTOHISA, JP  
[72] YAMAWAKI, TAKANORI, JP  
[73] YAZAKI CORPORATION, JP  
[22] 2001-07-23  
[30] JP (2000-222522) 2000-07-24  
[30] JP (2000-222596) 2000-07-24

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[11] 2,358,046  
[13] C

[51] Int.Cl. 7A63B 53/04  
[25] EN  
[54] GOLF CLUB  
[54] BATON DE GOLF  
[72] KOVARIK, TIBOR F., CA  
[73] KOVARIK, TIBOR F., CA  
[22] 2001-08-27  
[30] US (09/664,370) 2000-09-18

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[11] 2,359,769  
[13] C

[51] Int.Cl. 7F41B 5/20  
[25] EN  
[54] BOW HANDLE DAMPER  
[54] AMORTISSEUR DE POIGNEE  
D'ARC  
[72] SIMONDS, GARY L., US  
[73] MCPHERSON, MATHEW A., US  
[85] 2001-07-10  
[86] 2000-11-17 (PCT/US2000/031525)  
[87] (WO2001/036895)  
[30] US (09/441,827) 1999-11-17

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[11] 2,359,854  
[13] C

[51] Int.Cl. 7H04N 7/173  
[25] EN  
[54] PROVIDING SIMULATED  
BROADCAST SERVICES OVER A  
LIMITED BANDWIDTH CHANNEL  
[54] SERVICES D'EMISSION SIMULEE  
SUR CANAL A LARGEUR DE BANDE  
LIMITEE  
[72] KIM, BYOUNG-JO J., US  
[72] BASSO, ANDREA, US  
[72] JACKEL, LAWRENCE DAVID, US  
[72] WOODWARD, SHERYL LEIGH, US  
[73] AT&T CORP., US  
[22] 2001-10-24  
[30] US (09/723,532) 2000-11-28

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[11] 2,357,339  
[13] C

[51] Int.Cl. 7F24D 19/08  
[25] EN  
[54] TAPERED AIR PURGING  
CIRCULATOR  
[54] CIRULATEUR CONIQUE POUR  
AIR DE PURGE  
[72] RUHNKE, JOHN, US  
[73] RUHNKE, JOHN, US  
[22] 2001-09-14  
[30] US (09/845,644) 2001-04-30

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[11] **2,363,734**  
[13] C

[51] Int.Cl. 7G06F 17/30  
[25] EN  
**METHOD AND SYSTEM FOR PRIVATE INFORMATION RETRIEVAL USING COMMODITIES**  
**PROCEDE ET SYSTEME D'EXTRACTION DE D'INFORMATIONS PRIVEES PAR UTILISATION DE MESSAGES**  
[72] DI-CRESCENZO, GIOVANNI, US  
[72] OSTROVSKY, RAFAIL, US  
[72] ISHAI, YUVAL, IL  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2001-08-23  
[86] 2000-03-01 (PCT/US2000/005359)  
[87] (WO2000/052602)  
[30] US (09/260,110) 1999-03-02

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[11] **2,363,878**  
[13] C

[51] Int.Cl. 7G01N 17/00 7E21B 47/00  
7E21B 41/02  
[25] EN  
**SYSTEM AND METHOD FOR MONITORING CORROSION IN OILFIELD WELLS AND PIPELINES UTILIZING TIME-DOMAIN-REFLECTOMETRY**  
**SYSTEME ET PROCEDE DE SURVEILLANCE DE LA CORROSION DANS LES PUITTS DE PETROLE ET LES OLEODUCS PAR REFLECTOMETRIE DANS LE DOMAINE TEMPS**  
[72] KOHL, KRISTOPHER T., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2001-08-16  
[86] 2000-03-08 (PCT/US2000/005899)  
[87] (WO2000/054028)  
[30] US (09/264,484) 1999-03-08

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[11] **2,364,028**  
[13] C

[51] Int.Cl. 7B02C 15/00  
[25] EN  
**AN ARRANGEMENT FOR SECURING A VANE WHEEL ASSEMBLY TO A GRINDING TABLE OF A PULVERIZER BOWL MILL**  
**DISPOSITIF POUR FIXER UN ENSEMBLE ROUE A AUBES AU PLATEAU DE BROYAGE D'UN BROYEUR A CUVE TOURNANTE A PULVERISATION**  
[72] PRAIRIE, ROBERT S., US  
[72] EASTMAN, RORY G., US  
[72] FARRIS, LAWRENCE S., US  
[73] ALSTOM POWER INC., US  
[85] 2001-08-28  
[86] 2000-02-25 (PCT/US2000/005017)  
[87] (WO2000/051740)  
[30] US (09/260,584) 1999-03-01

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[11] **2,390,700**  
[13] C

[51] Int.Cl. 7F21V 33/00 7C11D 17/00  
[25] EN  
**ILLUMINATED SOAP BAR WITH SOUND**  
**PAIN DE SAVON LUMINEUX SONORE**  
[72] TSANG, HENRY, CA  
[73] TSANG, HENRY, CA  
[73] VERRELLI, LAURIE, CA  
[22] 2002-06-11

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[11] **2,404,796**  
[13] C

[51] Int.Cl. 7D21C 7/12 7D21C 7/00  
[25] EN  
**LOW TEMPERATURE GAS PHASE CONTINUOUS DIGESTER**  
**LESSIVEUR EN CONTINU A PHASE GAZEUSE A BASSE TEMPERATURE**  
[72] HENRICSON, KAJ O., FI  
[72] STROMBERG, C. BERTIL, US  
[72] LAAKSO, RICHARD O., US  
[73] ANDRITZ INC., US  
[22] 1998-02-09  
[62] 2,228,984  
[30] US (08/797,327) 1997-02-10  
[30] US (09/014,243) 1998-01-27

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[11] **2,409,465**  
[13] C

[51] Int.Cl. 7H02J 7/00  
[25] EN  
**MODULAR SOLAR BATTERY CHARGER**  
**CHARGEUR DE BATTERIE SOLAIRE MODULAIRE**  
[72] PERESS, SASS M., CA  
[72] LAU, PO K., CA  
[73] ICP GLOBAL TECHNOLOGIES INC., CA  
[22] 2002-10-23  
[30] US (09/897,936) 2001-11-16

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[11] **2,416,473**  
[13] C

[51] Int.Cl. 7B27G 13/12 7B27L 11/02  
[25] EN  
**ADJUSTABLE PROFILING HEAD FOR A WOOD CUTTING APPARATUS**  
**TETE A PROFILER REGLABLE D'APPAREIL POUR COUPER LE BOIS**  
[72] LUECKE, JOHN S., US  
[72] STAGER, BRADLEY R., US  
[73] KEY KNIFE, INC., US  
[22] 2003-01-15  
[30] US (10/081444) 2002-02-20

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[11] **2,418,275**  
[13] C

[51] Int.Cl. 7A47G 27/04  
[25] EN  
**CARPET TACK STRIP THRESHOLD**  
**SEUIL POUR BAGUETTE A GRIFFES D'ANCRAGE DE TAPIS**  
[72] JOHNSON, TIMOTHY S., CA  
[73] DURAMAX, INC., US  
[85] 2003-02-12  
[86] 2001-10-25 (PCT/US2001/051300)  
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[30] US (60/243,074) 2000-10-25

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[11] **2,426,807**  
[13] C

[51] Int.Cl. 7F04B 39/00

[25] EN

[54] AIR COMPRESSOR ASSEMBLY  
WITH VIBRATION DAMPING  
STRUCTURE

[54] COMPRESSEUR D'AIR AVEC  
MONTURE ANTIVIBRATIONS

[72] ORSCHELL, MICHAEL, US

[73] CAMPBELL HAUSFELD/SCOTT  
FETZER COMPANY, US

[22] 2001-06-11

[62] 2,350,116

[30] US (09/619,447) 2000-07-19

[30] US (09/735,020) 2000-12-12

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[11] **2,441,618**  
[13] C

[51] Int.Cl. 7B65G 47/10 7B65G 47/34

[25] EN

[54] SIDE CONVEYOR DISC  
INCLUDING QUICK-CHANGE  
FEATURES

[54] DISQUE POUR BANDE

TRANSPORTEUSE A DECHARGE

LATERALE COMPORTANT DES

CARACTERISTIQUES DE

CHANGEMENT RAPIDE

[72] BONNET, HENRI, US

[73] UNITED PARCEL SERVICE OF  
AMERICA, INC., US

[22] 1998-04-29

[62] 2,283,844

[30] US (08/841,201) 1997-04-29

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[21] 2,416,392  
[13] A1

[51] Int.Cl. 7A63B 47/02  
[25] EN  
[54] SUPER SUCKER  
[54] RECUPERATEUR DE BALLES DE GOLF « SUPER SUCKER »  
[72] TUTT, HARVEY DONALD, CA  
[71] TUTT, HARVEY DONALD, CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,417,428  
[13] A1

[51] Int.Cl. 7A01B 59/041 7A01B 69/00  
7A01D 34/00 7A01B 63/14  
[25] EN  
[54] OFFSET HITCH FOR MOWING MACHINES  
[54] ATTelage DECALE POUR FAUCHEUSES  
[72] HUNDEBY, DAVID R., CA  
[71] HUNDEBY, DAVID R., CA  
[22] 2003-02-20  
[41] 2004-08-20

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[21] 2,418,468  
[13] A1

[51] Int.Cl. 7A47F 7/28  
[25] EN  
[54] POT LID HOLDER  
[54] PORTE-COUVERCLES  
[72] BRIGHT, MARTIN, CA  
[71] BRIGHT, MARTIN, CA  
[22] 2003-02-17  
[41] 2004-08-17

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[21] 2,419,010  
[13] A1

[51] Int.Cl. 7C22C 23/04 7C22C 23/02  
7B22D 21/02  
[25] EN  
[54] STRONTIUM FOR MELT OXIDATION REDUCTION OF MAGNESIUM AND A METHOD FOR ADDING STRONTIUM TO MAGNESIUM  
[54] UTILISATION DE STRONTIUM POUR DIMINUER L'OXYDATION DE MAGNESIUM FONDU ET METHODE D'AJOUT DE STRONTIUM AU MAGNESIUM  
[72] VERMETTE, PIERRE, CA  
[72] PEKGULERYUZ, MIHRIBAN O., CA  
[71] NORANDA INC., CA  
[22] 2003-02-17  
[41] 2004-08-17

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[21] 2,419,168  
[13] A1

[51] Int.Cl. 7B60S 1/38  
[25] EN  
[54] DEVICE FOR HEATING A WIPER BLADE  
[54] RECHAUFFEUR DE BALAI D'ESSUIE-GLACE  
[72] JOHNSON, GEORGE, US  
[71] JOHNSON, GEORGE, US  
[22] 2003-02-18  
[41] 2004-08-18

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[21] 2,419,173  
[13] A1

[51] Int.Cl. 7B65G 53/34  
[25] EN  
[54] ACTUATING ASSEMBLY FOR AN ADJUSTABLE WIDTH GUIDEWAY IN AN AIR CONVEYOR SYSTEM  
[54] ACTIONNEUR DE VOIE DE GUIDAGE REGLABLE EN LARGEUR POUR TRANPORTEUR PNEUMATIQUE  
[72] RANGER, MICHEL, CA  
[71] SIDEL (CANADA) INC., CA  
[22] 2003-02-18  
[41] 2004-08-18

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[21] 2,419,179  
[13] A1

[51] Int.Cl. 7G06T 3/60  
[25] EN  
[54] IMAGE SELF LEVELLING SYSTEM  
[54] SYSTEME DE REGLAGE AUTOMATIQUE DU NIVEAU D'IMAGE  
[72] LEGENDRE, LUDOVIC, CA  
[72] OUELLET, MATTHIEU, CA  
[72] VIAU, MAXIME, CA  
[72] DELORME, JEAN-FRANCOIS, CA  
[72] POINCELET, FREDERIC, CA  
[72] DEMERS, DANIEL, CA  
[72] HILARIO, DAVID, CA  
[71] COLMATEC INC., CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,419,185  
[13] A1

[51] Int.Cl. 7E05D 13/00  
[25] EN  
[54] CABLE FAILURE DEVICE FOR GARAGE DOORS AND THE LIKE  
[54] DISPOSITIF DE SECURITE EN CAS DE RUPTURE DE CABLE DE PORTE DE GARAGE ET D'ELEMENT SEMBLABLE  
[72] BEAUDOIN, MICHEL, CA  
[72] NADEAU, ERIK, CA  
[72] FOUCault, PIERRE-LOUIS, CA  
[72] LEVESQUE, JEAN-FRANCOIS, CA  
[71] CANIMEX INC., CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] **2,419,186**  
 [13] A1

[51] Int.Cl. 7E04F 13/00 7E04F 21/165  
 [25] EN  
 [54] TRIMMING ACCESSORIES, SYSTEM INCLUDING THE SAME AND METHOD OF TRIMMING SURFACES  
 [54] ACCESSOIRES DE DRESSAGE, SYSTEME COMPRENANT CES ACCESSOIRES, ET METHODE DE DRESSAGE DE SURFACES  
 [72] FORTIER, RENE, CA  
 [71] SYSTEMES UNIFIX (9072-9823 QUEBEC INC.), CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,189**  
 [13] A1

[51] Int.Cl. 7F16J 15/00  
 [25] EN  
 [54] MECHANICAL SEAL SUPPORT SYSTEM  
 [54] SUPPORT DE JOINT MECANIQUE  
 [72] BLUMENTRATH, MANFRED, CA  
 [71] CPC PUMPS INTERNATIONAL INC., CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,214**  
 [13] A1

[51] Int.Cl. 7B24B 3/33  
 [25] EN  
 [54] GRINDING APPARATUS FOR BUTTONS ON ROCK DRILL BIT  
 [54] APPAREIL DE MEULAGE DES PASTILLES D'OUTIL DE FORAGE  
 [72] SJOLANDER, BJORN, CA  
 [72] SJOLANDER, BO THOMAS, CA  
 [72] SJOLANDER, ROBERT, CA  
 [71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,216**  
 [13] A1

[51] Int.Cl. 7B29C 65/56 7B29C 65/02  
 [25] EN  
 [54] METHOD AND APPARATUS FOR JOINING PLASTIC PIPE  
 [54] METHODE ET APPAREIL DE RACCORDEMENT DE TUYAUX EN PLASTIQUE  
 [72] NYQUIST, JAN, CA  
 [71] NYQUIST, JAN, CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,221**  
 [13] A1

[51] Int.Cl. 7B25B 5/00  
 [25] EN  
 [54] POLAR BEAR CLAMP  
 [54] PINCES POLAR BEAR  
 [72] BOTTING, PAUL J., CA  
 [72] JENNINGS, KEITH, CA  
 [71] BOTTING, PAUL J., CA  
 [71] JENNINGS, KEITH, CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,222**  
 [13] A1

[51] Int.Cl. 7F03D 3/00  
 [25] FR  
 [54] EOLIENNES A AXE VERTICAL  
 [54] VERTICAL-AXIS WIND TURBINE  
 [72] VACHON, DANIEL J., CA  
 [71] 4127030 CANADA INC., CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,228**  
 [13] A1

[51] Int.Cl. 7A61B 18/18  
 [25] EN  
 [54] RADIOFREQUENCY THERMAL BALLOON CATHETER  
 [54] SONDE A BALLONNET THERMIQUE A RADIOFRÉQUENCE  
 [72] SATAKE, SHUTARO, JP  
 [71] SATAKE, SHUTARO, JP  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,237**  
 [13] A1

[51] Int.Cl. 7G06F 17/60  
 [25] EN  
 [54] DELEGATION OBJECT AS A FIRST CLASS BUSINESS MODELLING OBJECT, AND METHOD AND SYSTEM FOR PROVIDING THE SAME  
 [54] OBJET DE DELEGATION COMME OBJET DE MODELISATION D'ENTREPRISE DE PREMIER ORDRE, ET METHODE ET SYSTEME PERMETTANT DE FOURNIR CET OBJET  
 [72] DESBIENS, MARC A., CA  
 [71] COGNOS INCORPORATED, CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,239**  
 [13] A1

[51] Int.Cl. 7G06F 17/60  
 [25] EN  
 [54] ORGANIZATION OBJECT AS A FIRST CLASS BUSINESS MODELLING OBJECT, AND METHOD AND SYSTEM FOR PROVIDING THE SAME  
 [54] OBJET D'ORGANISATION COMME OBJET DE MODELISATION D'ENTREPRISE DE PREMIER ORDRE, ET METHODE ET SYSTEME PERMETTANT DE FOURNIR CET OBJET  
 [72] DESBIENS, MARC A., CA  
 [71] COGNOS INCORPORATED, CA  
 [22] 2003-02-19  
 [41] 2004-08-19

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[21] **2,419,265**  
 [13] A1

[51] Int.Cl. 7B29C 41/06 7B29C 41/34  
 7B29C 41/46  
 [25] EN  
 [54] MOLDING INTERIOR UNDERCUT SHAPES IN NON-HOLLOW PLASTIC PARTS  
 [54] MOULAGE DE FORMES DE CONTRE-DEPOUILLE INTERNES DANS LES PIECES EN PLASTIQUE NON CREUSES  
 [72] WILGER, WILFRED H., CA  
 [72] ROGERS, R. BARRY, CA  
 [72] WILGER, JASON H., CA  
 [71] ROGERS, R. BARRY, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,300**  
 [13] A1  
 [51] Int.Cl. 7H05K 1/00 7H01R 12/14  
 [25] EN  
**[54] ELECTRICAL CIRCUIT BREADBOARD**  
**[54] MAQUETTE DE CIRCUIT ELECTRIQUE**  
 [72] PRICE, ERIC CHARLES, CA  
 [71] PRICE, ERIC CHARLES, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,303**  
 [13] A1  
 [51] Int.Cl. 7E04H 17/26  
 [25] EN  
**[54] APPARATUS FOR REMOVING A FENCE POST**  
**[54] APPAREIL POUR ENLEVER LES POTEAUX DE CLÔTURE**  
 [72] KOCH, KENT, CA  
 [71] KOCH, KENT, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,304**  
 [13] A1  
 [51] Int.Cl. 7G02B 27/28 7G02B 27/10  
**7G02B 5/30**  
 [25] EN  
**[54] OPTICAL REPOLARIZING DEVICES**  
**[54] DISPOSITIFS DE REPOLARISATION OPTIQUE**  
 [72] LAUZON, JOCELYN, CA  
 [71] INSTITUT NATIONAL D'OPTIQUE, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,305**  
 [13] A1  
 [51] Int.Cl. 7G06F 17/40 7H04L 12/26  
 [25] EN  
**[54] UNIFIED LOGGING SERVICE FOR DISTRIBUTED APPLICATIONS**  
**[54] SERVICE UNIFIE**  
**D'ENREGISTREMENT POUR APPLICATIONS REPARTIES**  
 [72] ROSEN, ARNOLD, CA  
 [72] TSUI, ALEX K., CA  
 [72] POLAN, MICHAEL G., CA  
 [72] CHEN, PAUL (MING), CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITÉE, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,311**  
 [13] A1  
 [51] Int.Cl. 7G06F 9/44 7G06F 7/00  
 [25] EN  
**[54] MAPPING BETWEEN NATIVE DATA TYPE INSTANCES**  
**[54] ETABLISSEMENT DE CORRESPONDANCES ENTRE INSTANCES DE TYPES DE DONNÉES NATIFS**  
 [72] SEELEMANN, ILENE R., CA  
 [72] GARTNER, HAROLD JEFFREY, CA  
 [72] BEISIEGEL, MICHAEL, US  
 [72] SETO, NORMAN K., CA  
 [72] PRZYBYLSKI, PIOTR, CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITÉE, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,313**  
 [13] A1  
 [51] Int.Cl. 7G02B 27/28 7H04B 10/00  
 [25] EN  
**[54] BROADBAND POLARIZATION TRANSFORMATION DEVICES**  
**[54] DISPOSITIFS DE TRANSFORMATION DE POLARISATION A LARGE BANDE**  
 [72] TORK, AMIR, CA  
 [72] ZOHRABYAN, ARMEN, CA  
 [72] DUMONT, DANY, CA  
 [72] GALSTIAN, TIGRAN, CA  
 [72] BIRABASSOV, ROUSLAN, CA  
 [71] PHOTINTECH INC., CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,318**  
 [13] A1  
 [51] Int.Cl. 7E04B 1/74 7F16B 1/00 7F16L 59/00 7E04D 13/16  
 [25] EN  
**[54] PROCESS AND APPARATUS FOR INSULATING BUILDING ROOF**  
**[54] PROCESSUS ET APPAREIL POUR ISOLER LE TOIT D'UN BATIMENT**  
 [72] CORWIN, THOMAS N., US  
 [71] CORWIN, THOMAS N., US  
 [22] 2003-02-17  
 [41] 2004-08-17

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[21] **2,419,320**  
 [13] A1  
 [51] Int.Cl. 7B01D 25/12 7B30B 9/02  
**7B01D 25/28**  
 [25] EN  
**[54] FILTRATION APPARATUS OPERATING FEATURES**  
**[54] DISPOSITIFS DE FONCTIONNEMENT D'APPAREIL DE FILTRATION**  
 [72] BENESI, STEVE C., US  
 [71] BENESI, STEVE C., US  
 [22] 2003-02-17  
 [41] 2004-08-17

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[21] **2,419,336**  
 [13] A1  
 [51] Int.Cl. 7H01R 12/02 7H01R 12/14  
 [25] EN  
**[54] SMT-COMPATIBLE THROUGH-HOLE ELECTRICAL CONNECTOR**  
**[54] CONNECTEUR ELECTRIQUE COMPATIBLE SMT A MONTAGE PAR INSERTION**  
 [72] XU, PEI REN, CA  
 [71] WECO ELECTRICAL CONNECTORS INC., CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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[21] **2,419,340**  
 [13] A1  
 [51] Int.Cl. 7G06F 15/16 7G06F 15/177  
**7G06F 13/42**  
 [25] EN  
**[54] SOFTWARE BARRIER SYNCHRONIZATION**  
**[54] SYNCHRONISATION DE BARRIERE PAR LOGICIEL**  
 [72] BLAINES, ROBERT J., CA  
 [72] ZHANG, GUANSONG, CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITÉE, CA  
 [22] 2003-02-20  
 [41] 2004-08-20

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## Canadian Applications Open to Public Inspection

August 15, 2004 to August 21, 2004

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[21] 2,419,345

[13] A1

[51] Int.Cl. 7C08J 5/24 7C08J 5/08 7C03C  
25/26  
[25] EN  
[54] FIBRE-REINFORCED  
THERMOPLASTICS  
[54] THERMOPLASTIQUES  
RENFORCES DE FIBRES  
[72] LINDSTROM, DOUGLAS W., CA  
[71] ALBERTA RESEARCH COUNCIL,  
INC., CA  
[22] 2003-02-20  
[41] 2004-08-20

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[21] 2,419,349

[13] A1

[51] Int.Cl. 7G09F 1/10  
[25] EN  
[54] A MODULAR DISPLAY HOLDER  
FOR A CARD  
[54] PORTE-CARTE MODULAIRE  
PRESENTOIR  
[72] LAMBERT, GEOFFREY, CA  
[71] LAMBERT, GEOFFREY, CA  
[22] 2003-02-20  
[41] 2004-08-20

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[21] 2,419,393

[13] A1

[51] Int.Cl. 7F21L 4/00  
[25] EN  
[54] LIGHT EMITTING DIODE 9-VOLT  
BATTERY SNAP FLASHLIGHT  
[54] LAMPE DE POCHE A DIODE  
ELECTROLUMINESCENTE MONTEE  
PAR PRESSION SUR PILE DE 9 VOLTS  
[72] HENRY, BENJAMIN VICTOR  
DUANE, US  
[71] HENRY, BENJAMIN VICTOR  
DUANE, US  
[22] 2003-02-20  
[41] 2004-08-20

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[21] 2,419,410

[13] A1

[51] Int.Cl. 7A45F 3/14 7A45C 13/00  
[25] EN  
[54] HANDS FREE SHOPPING BAG  
CARRIER  
[54] PORTE-SAC A PROVISIONS  
MAINS LIBRES  
[72] CYR, STEWART, CA  
[71] CYR, STEWART, CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,419,413

[13] A1

[51] Int.Cl. 7B02C 23/18 7A23K 1/02  
[25] EN  
[54] METHOD AND APPARATUS FOR  
IMPROVING PALATABILITY AND  
DIGESTABILITY OF BALLED FEED  
[54] METHODE ET APPAREIL POUR  
AMELIORER LA PALATABILITE ET  
LA DIGESTIBILITE DU FOURRAGE EN  
BALLES  
[72] MICHAUD, GERALD, CA  
[72] HERBSBERGER, AL, CA  
[71] MICHAUD, GERALD, CA  
[71] HERBSBERGER, AL, CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,419,430

[13] A1

[51] Int.Cl. 7B65D 90/24 7E04H 7/18  
7B65D 88/76  
[25] EN  
[54] UNDERGROUND STORAGE  
VAULT  
[54] CHAMBRE D'ENTREPOSAGE  
SOUTERRAINE  
[72] STANTON, KELLY, US  
[71] GUARDIAN CONTAINMENT CORP.,  
US  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,419,442

[13] A1

[51] Int.Cl. 7F16B 35/00  
[25] EN  
[54] B BOLT  
[54] COURROIE A DOUBLE ETRIER  
SERIE B  
[72] EAST, JEFFREY F., CA  
[71] EAST, JEFFREY F., CA  
[22] 2003-02-18  
[41] 2004-08-18

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[21] 2,419,451

[13] A1

[51] Int.Cl. 7B07B 9/00 7B03B 5/00 7B07B  
4/00 7B07B 11/02 7B07B 11/08 7B07B 7/  
086  
[25] FR  
[54] TECHNO-GRAV SEPARATEUR  
[54] TECHNO-GRAV SEPARATOR  
[72] COUTURE, MICHEL, CA  
[71] COUTURE, MICHEL, CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,455

[13] A1

[51] Int.Cl. 7C07H 13/06 7C07H 3/04  
7C07H 3/06  
[25] EN  
[54] METHODS OF PREPARING  
DISACCHARIDE AND  
TRISACCHARIDE C6-C12 FATTY ACID  
ESTERS WITH HIGH ALPHA  
CONTENT AND MATERIALS  
THEREFROM  
[54] METHODES DE PREPARATION  
DE DISACCHARIDES ET DE  
TRISACCHARIDES D'ESTERS  
D'ACIDE GRAS EN C6-C12 A FORTE  
TENEUR EN COMPOSES ALPHA ET  
SUBSTANCES CONNEXES  
[72] MALCOLM, MICHAEL O., US  
[72] WOOD, MATTHEW D., US  
[72] BUCHANAN, CHARLES M., US  
[72] MOORE, MARY K., US  
[72] DEBENHAM, JOHN S., US  
[71] EASTMAN CHEMICAL COMPANY,  
US  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,464

[13] A1

[51] Int.Cl. 7E05B 19/24  
[25] EN  
[54] KEY SPOTTER  
[54] MARQUEUR DE CLE  
[72] DAVID, GWEN, CA  
[71] DAVID, GWEN, CA  
[22] 2003-02-17  
[41] 2004-08-17

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[21] 2,419,466

[13] A1

[51] Int.Cl. 7E05F 11/04  
[25] EN  
[54] KSP WIRE GATE CLOSURE  
[54] FERMETURE DE BARRIERE EN  
BARBELE  
[72] PAVLOFF, KENNETH ROBERT, CA  
[71] PAVLOFF, KENNETH ROBERT, CA  
[22] 2003-02-17  
[41] 2004-08-17

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**Demandes canadiennes mises à la disponibilité du public**  
**15 août 2004 au 21 août 2004**

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[21] **2,419,484**  
 [13] A1  
 [51] Int.Cl. 7F21S 8/00 7G09F 13/00  
 7F21V 21/00 7H01R 33/08  
 [25] EN  
**[54] IMPROVED HIGH LIGHT DENSITY FLUORESCENT LUMINAIRE**  
**D'LUMINAIRE AMELIORE D'ECLAIRAGE FLUORESCENT A HAUTE DENSITE**  
 [72] ALIBORTI, JOSEPH, CA  
 [72] DUPUIS, NORMAND, CA  
 [71] PEERLESS ELECTRIC COMPANY LTD., CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,488**  
 [13] A1  
 [51] Int.Cl. 7H02J 7/00 7H02J 7/06  
 [25] EN  
**[54] CIRCUIT AND METHOD OF OPERATION FOR AN ELECTRICAL POWER SUPPLY**  
**[54] CIRCUIT ET METHODE D'UTILISATION D'UNE ALIMENTATION ELECTRIQUE**  
 [72] VESELIC, DUSAN, CA  
 [72] GUTHRIE, MARTIN G. A., CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,497**  
 [13] A1  
 [51] Int.Cl. 7H02J 7/00 7H02J 7/06  
 [25] EN  
**[54] CIRCUIT AND METHOD OF OPERATION FOR AN ADAPTIVE CHARGE RATE POWER SUPPLY**  
**[54] CIRCUIT ET METHODE D'UTILISATION D'UNE ALIMENTATION A VITESSE DE CHARGE ADAPTABLE**  
 [72] MALTON, JONATHAN T., CA  
 [72] IDZIK, JACEK S., CA  
 [72] HABICHER, MICHAEL F., CA  
 [72] VESELIC, DUSAN, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,500**  
 [13] A1  
 [51] Int.Cl. 7G01B 7/14 7G01B 7/02  
 7G01N 27/72  
 [25] EN  
**[54] METHOD AND APPARATUS FOR ANALYZING SEPARATION BETWEEN SPACED SURFACES USING MAGNETIC FIELD INTENSITY MEASUREMENTS**  
**[54] METHODE ET APPAREIL D'ANALYSE DE L'ESPACEMENT ENTRE DES SURFACES AU MOYEN DE MESURES D'INTENSITE DE CHAMP MAGNETIQUE**  
 [72] LUPKE, MANFRED A. A., CA  
 [72] LUPKE, STEFAN A., CA  
 [71] LUPKE, MANFRED A. A., CA  
 [71] LUPKE, STEFAN A., CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,502**  
 [13] A1  
 [51] Int.Cl. 7G11C 7/00 7G06F 17/30  
 [25] EN  
**[54] TIME-BASED PARTITIONED CUBE**  
**[54] CUBE A REPARTITION EN FONCTION DU TEMPS**  
 [72] ZELENKA, JOSEPH, CA  
 [72] POTTER, CHARLES M., CA  
 [72] MOFFAT, DONALD, CA  
 [71] COGNOS INCORPORATED, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,518**  
 [13] A1  
 [51] Int.Cl. 7A01K 63/00 7A47G 1/06  
 [25] EN  
**[54] IN-WALL DISPLAY**  
**[54] PRESENTOIR MURAL ENCASTRE**  
 [72] ZWEZDARYK, SHANE, CA  
 [71] DOMINELLI, JOSEPH, CA  
 [71] ZWEZDARYK, SHANE, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,530**  
 [13] A1  
 [51] Int.Cl. 7A01D 43/08 7A01D 34/71  
 [25] EN  
**[54] GRASS AND LEAF GRINDER**  
**[54] BROYEUR D'HERBE ET DE FEUILLES**  
 [72] BADAWEY, GEORGE WAYNE, CA  
 [71] BADAWEY, GEORGE WAYNE, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] **2,419,562**  
 [13] A1  
 [51] Int.Cl. 7B65G 51/18  
 [25] EN  
**[54] ADJUSTABLE CURVED NECK GUIDE FOR AN AIR CONVEYOR**  
**[54] COL INCURVE REGLABLE POUR TRANSPORTEUR PNEUMATIQUE**  
 [72] RANGER, MICHEL, CA  
 [71] SIDEL (CANADA) INC., CA  
 [22] 2003-02-18  
 [41] 2004-08-18

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[21] **2,419,572**  
 [13] A1  
 [51] Int.Cl. 7A61K 38/46 7A61P 1/18  
**7A61K 38/43**  
 [25] EN  
**[54] HIGH DOSAGE PROTEASE FORMULATION**  
**[54] PREPARATION A FORTE CONCENTRATION DE PROTEASE**  
 [72] UNKNOWN, ZZ  
 [71] AXCAN PHARMA INC., CA  
 [22] 2003-02-18  
 [41] 2004-08-18

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[21] **2,419,617**  
 [13] A1  
 [51] Int.Cl. 7C10L 9/10 7C10L 9/08  
 [25] EN  
**[54] METHOD FOR CONVERTING HEAVY OIL RESIDUUM TO A USEFUL FUEL**  
**[54] METHODE DE TRANSFORMATION DE RESIDU DE PETROLE LOURD EN CARBURANT UTILE**  
 [72] WARCHOL, EDWARD, CA  
 [72] KRESNYAK, STEVE, CA  
 [71] COLT ENGINEERING CORPORATION, CA  
 [22] 2003-02-21  
 [41] 2004-08-21

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[21] 2,419,647

[13] A1

[51] Int.Cl. 7F25D 13/00 7F25D 29/00  
7G05D 27/02 7G05D 23/19 7G05D 16/20  
[25] EN  
[54] WALK-IN COOLER CONTROL  
AND MONITORING SYSTEM  
[54] SYSTEME DE COMMANDE ET DE  
SURVEILLANCE DE CHAMBRE  
FROIDE  
[72] GINGRAS, JEAN-PIERRE, CA  
[71] GINGRAS, JEAN-PIERRE, CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,648

[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] CONSUMER REWARDS  
PROGRAM  
[54] PROGRAMME DE RECOMPENSES  
POUR LES CLIENTS  
[72] PISCHKE, KARL, CA  
[71] PISCHKE, KARL, CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,655

[13] A1

[51] Int.Cl. 7G06K 11/06 7G05G 1/20  
[25] EN  
[54] A MOUTH ACTIVATED INPUT  
DEVICE FOR AN ELECTRONICALLY  
RESPONSIVE DEVICE  
[54] DISPOSITIF D'ENTREE ACTIVE  
PAR LA BOUCHE POUR UN  
DISPOSITIF SENSIBLE A DES  
SIGNAUX ELECTRONIQUES  
[72] KIRCHEN, CHRIS, CA  
[72] MOK, PENG FONG, US  
[72] LOU, EDMOND HOK MING, CA  
[72] FEDORAK, MARK VERNON, CA  
[72] RUEFLI, ALFRED, CA  
[72] MOK, KELVIN KWONG LOUN, CA  
[71] KIRCHEN, CHRIS, CA  
[71] MOK, PENG FONG, US  
[71] LOU, EDMOND HOK MING, CA  
[71] FEDORAK, MARK VERNON, CA  
[71] RUEFLI, ALFRED, CA  
[71] MOK, KELVIN KWONG LOUN, CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,703

[13] A1

[51] Int.Cl. 7B29C 47/26  
[25] EN  
[54] FLOW DISTRIBUTOR FOR DIE  
TOOLING OF PIPE MOLD  
EQUIPMENT WITH REMOTE  
EXTRUDER  
[54] DISTRIBUTEUR DE FLUX POUR  
OUTILS DE MOULAGE SOUS  
PRESSION D'EQUIPEMENT DE  
MOULAGE DE TUYAUX AVEC  
EXTRUDEUSE A DISTANCE  
[72] LUPKE, STEFAN A., CA  
[72] LUPKE, MANFRED A. A., CA  
[71] LUPKE, STEFAN A., CA  
[71] LUPKE, MANFRED A. A., CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,712  
[13] A1

[51] Int.Cl. 7B25B 15/02  
[25] EN  
[54] PUSHLESS SCREW AND DRIVER  
[54] VIS ET TOURNEVIS SANS  
PRESSION  
[72] BERES, LOUIS, CA  
[71] BERES, LOUIS, CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,419,718  
[13] A1

[51] Int.Cl. 7H04M 3/493 7G10L 13/00  
7H04M 11/06 7G10L 15/22  
[25] EN  
[54] TELEPHONE ANSWERING  
PROGRAM TO RECORD DAILY WORK  
TIME  
[54] PROGRAMME DE REPONSE  
TELEPHONIQUE PERMETTANT  
D'ENREGISTRER LES HEURES DE  
TRAVAIL QUOTIDIENNES  
[72] GAGANDEEP, SINGH WARAIKH,  
CA  
[71] GAGANDEEP, SINGH WARAIKH,  
CA  
[22] 2003-02-21  
[41] 2004-08-21

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[21] 2,419,763

[13] A1

[51] Int.Cl. 7F03D 3/00  
[25] EN  
[54] THE PERSONAL AERODYNAMIC  
ROTARY WINDMILL  
[54] AEROGENERATEUR PERSONNEL  
[72] WELCH, BASIL T., CA  
[71] WELCH, BASIL T., CA  
[22] 2003-02-17  
[41] 2004-08-17

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[21] 2,420,002  
[13] A1

[51] Int.Cl. 7B01D 17/032 7C02F 1/40  
[25] EN  
[54] F.O.G. (SOLID/SEMIID SOLID  
FATS, OIL & GREASE) LIQUID  
SEPARATOR SYSTEM  
[54] DISPOSITIF SEPARATEUR DE  
LIQUIDE POUR MATIERES GRASSES  
(CORPS GRAS SOLIDES ET SEMI-  
SOLIDES)  
[72] MCLEAN, CID P., CA  
[72] CRAIG, RANDY J., CA  
[72] MARSDEN, GARY, CA  
[72] MOORE, BOB A., CA  
[72] THOMAS, JOHN, CA  
[72] HERMANSON, ERIC C., CA  
[72] NICKURAK, BRIAN, CA  
[72] UDALA, BERNE, CA  
[71] MCLEAN, CID P., CA  
[71] CRAIG, RANDY J., CA  
[71] MARSDEN, GARY, CA  
[71] MOORE, BOB A., CA  
[71] THOMAS, JOHN, CA  
[71] HERMANSON, ERIC C., CA  
[71] NICKURAK, BRIAN, CA  
[71] UDALA, BERNE, CA  
[22] 2003-02-19  
[41] 2004-08-19

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[21] 2,420,034  
[13] A1

[51] Int.Cl. 7C10G 1/00 7B02C 4/02  
[25] EN  
[54] JET PUMP SYSTEM FOR  
FORMING AN AQUEOUS OIL SAND  
SLURRY  
[54] POMPE A JET FORMANT UNE  
BOUE AQUEUSE DE SABLES  
BITUMINEUX  
[72] ROSSER, ANDREW, CA  
[72] CLEMINSON, RON, CA  
[72] MCTURK, JIM, CA  
[71] ROSSER, ANDREW, CA  
[71] CLEMINSON, RON, CA  
[71] MCTURK, JIM, CA  
[22] 2003-02-18  
[41] 2004-08-18

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,420,108**  
[13] A1

[51] Int.Cl. 7A47L 9/02  
[25] EN  
**VACUUM ATTACHMENT FOR BLINDS**  
**FIXATION A DEPRESSION POUR STORES**  
[72] LACROIX, JOHN P., CA  
[72] BAILEY, ANDREW J., US  
[71] LACROIX, JOHN P., CA  
[71] BAILEY, ANDREW J., US  
[22] 2003-02-18  
[41] 2004-08-18

[21] **2,420,117**  
[13] A1

[51] Int.Cl. 7B32B 15/18 7B32B 31/20  
[25] EN  
**METHOD OF PRODUCING METAL COMPOSITE MATERIALS COMPRISING INCOMPATIBLE METALS**  
**METHODE DE PRODUCTION DE COMPOSITES METALLIQUES COMPRENANT DES METAUX INCOMPATIBLES**  
[72] SILDVA, HARRY, CA  
[72] HARDWICK, ROY, GB  
[71] SIGMABOND TECHNOLOGIES CORPORATION, CA  
[22] 2003-02-17  
[41] 2004-08-17

[21] **2,420,129**  
[13] A1

[51] Int.Cl. 7G10L 15/14 7H04B 15/00  
7G10L 21/02  
[25] EN  
**A METHOD FOR ROBUSTLY DETECTING VOICE ACTIVITY**  
**METHODE DE DETECTION ROUSTE DE L'ACTIVITE Vocale**  
[72] VERREAUXT, ERIC, CA  
[72] ZHANG, SONG, CA  
[71] CATENA NETWORKS, CANADA, INC., CA  
[22] 2003-02-17  
[41] 2004-08-17

[21] **2,420,259**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7G06F 19/00  
7G06F 17/30  
[25] EN  
**DENTAL IMAGE STORAGE AND RETRIEVAL APPARATUS**  
**APPAREIL DE STOCKAGE ET DE RECUPERATION D'IMAGES DE DENTS**  
[72] KALTANJI, TED, CA  
[71] ALBADET LTD., CA  
[22] 2003-02-27  
[41] 2004-08-21  
[30] US (10/371,735) 2003-02-21

[21] **2,420,810**  
[13] A1

[51] Int.Cl. 7H04L 12/16 7G09B 5/00  
7G06F 17/00  
[25] EN  
**ONLINE EDUCATIONAL MANAGEMENT SYSTEM**  
**Système de gestion pédagogique en ligne**  
[72] CAROTENUTO, ENZO V., CA  
[71] CAROTENUTO, ENZO V., CA  
[22] 2003-02-21  
[41] 2004-08-21

[21] **2,420,824**  
[13] A1

[51] Int.Cl. 7A63B 69/36 7A63B 57/00  
[25] EN  
**UNKNOWN**  
**INCONNU**  
[72] SAMSON, JEAN FRANCOIS, CA  
[71] SAMSON, JEAN FRANCOIS, CA  
[22] 2003-02-20  
[41] 2004-08-20

[21] **2,422,566**  
[13] A1

[51] Int.Cl. 7E05D 13/00  
[25] EN  
**SPRING BALANCE ASSEMBLY**  
**RESSORT DE RAPPEL**  
[72] PETTIT, DEAN, US  
[71] ASHLAND PRODUCTS, INC., US  
[22] 2003-03-19  
[41] 2004-08-20  
[30] US (10/370,084) 2003-02-20

[21] **2,423,624**  
[13] A1

[51] Int.Cl. 7B29C 45/17  
[25] EN  
**METHOD OF MANUFACTURING BOOTS FOR RESIN CONSTANT VELOCITY UNIVERSAL JOINT AND APPARATUS FOR MANUFACTURING BOOTS FOR RESIN CONSTANT VELOCITY UNIVERSAL JOINT**  
**METHODE ET APPAREIL DE FABRICATION DE SOUFFLETS DE PROTECTION POUR JOINTS UNIVERSELS HOMOCINETIQUES EN RESINE**  
[72] TAKADA, YASUJI, JP  
[72] SUEOKA, KAZUHIKO, JP  
[71] FUKOKU CO., LTD., JP  
[22] 2003-03-27  
[41] 2004-08-19  
[30] JP (2003-041317) 2003-02-19

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[21] 2,424,606

[13] A1

[51] Int.Cl. 7A47L 9/14 7A47L 9/10  
[25] EN  
[54] DUST COLLECTING CONTAINER FOR VACUUM CLEANER  
[54] COLLECTEUR DE POUSSIÈRE POUR ASPIRATEUR  
[72] YOO, DONG-HUN, KR  
[72] LEE, HYUN-JU, KR  
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
[22] 2003-04-04  
[41] 2004-08-21  
[30] KR (2003-11118) 2003-02-21

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[21] 2,425,965

[13] A1

[51] Int.Cl. 7G10G 1/00 7G10G 3/04  
[25] EN  
[54] COLORED MUSIC NOTATION SYSTEM AND METHOD OF COLORIZING MUSIC NOTATION  
[54] SYSTEME DE NOTATION MUSICALE EN COULEUR ET METHODE DE COLORATION  
[72] HYMAN, VICTOR MAIR, CA  
[72] KESTENBAUM, DAVID, CA  
[71] KESTENBAUM, DAVID, CA  
[22] 2003-04-11  
[41] 2004-08-17

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[21] 2,428,562

[13] A1

[51] Int.Cl. 7A47C 1/031 7A47C 3/30  
[25] EN  
[54] CHAIR CONTROL DEVICE FOR A TILTTABLE CHAIR  
[54] DISPOSITIF DE COMMANDE D'INCLINAISON DE SIEGE  
[72] STUMPF, WILLIAM, CA  
[71] WARVEL PRODUCTS, INC.-NC, US  
[22] 2003-05-14  
[41] 2004-08-18  
[30] US (10/368,691) 2003-02-18

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[21] 2,429,707

[13] A1

[51] Int.Cl. 7B01F 5/12  
[25] EN  
[54] WASTE MUD AGITATION SYSTEM  
[54] AGITATEUR DE DECHETS BOUEUX  
[72] GORDON, GORDON L., CA  
[71] GORDON, GORDON L., CA  
[22] 2003-05-26  
[41] 2004-08-17  
[30] US (10/443232) 2003-05-22

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[21] 2,430,096

[13] A1

[51] Int.Cl. 7A47L 9/16  
[25] EN  
[54] CYCLONE-TYPE DUST COLLECTING APPARATUS FOR A VACUUM CLEANER  
[54] COLLECTEUR DE POUSSIÈRE A CYCLONE POUR ASPIRATEUR  
[72] OH, JANG-KEUN, KR  
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
[22] 2003-05-27  
[41] 2004-08-21  
[30] KR (2003-11119) 2003-02-21

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[21] 2,432,505

[13] A1

[51] Int.Cl. 7E03D 3/12  
[25] EN  
[54] DUAL FLUSHING MECHANISM  
[54] MECANISME DE CHASSE D'EAU DOUBLE  
[72] Kragulj, Branislav, CA  
[72] Molho, Joseph, CA  
[71] Aquanotion Ltd., CA  
[22] 2003-06-17  
[41] 2004-08-15

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[21] 2,434,347

[13] A1

[51] Int.Cl. 7B62B 17/02 7A62C 5/00  
[25] EN  
[54] DUAL SKI SKAG  
[54] QUILLE DOUBLE POUR SKIS  
[72] Lund, Jerome Edward, US  
[71] Arctic Cat Inc., US  
[22] 2003-07-04  
[41] 2004-08-18  
[30] US (10/369,221) 2003-02-18

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[21] 2,437,669

[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 12/26  
[25] EN  
[54] NETWORK SYSTEM, LEARNING BRIDGE NODE, LEARNING METHOD AND ITS PROGRAM  
[54] SYSTEME EN RESEAU, NOEUD DE PONT INTELLIGENT, METHODE D'APPRENTISSAGE ET PROGRAMME CONNEXE  
[72] HIDAKA, YOUICHI, JP  
[72] IWATA, ATSUSHI, JP  
[72] URAYABASHI, MASAKI, JP  
[72] ENOMOTO, NOBUYUKI, JP  
[71] NEC CORPORATION, JP  
[22] 2003-08-19  
[41] 2004-08-19  
[30] JP (2003-041727) 2003-02-19

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[21] 2,437,679

[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 29/06  
7H04L 12/26 7H04L 12/46  
[25] EN  
[54] NETWORK SYSTEM, SPANNING TREE CONFIGURATION METHOD AND CONFIGURATION PROGRAM AND SPANNING TREE CONFIGURATION NODE  
[54] SYSTEME EN RESEAU, METHODE DE CONFIGURATION ET PROGRAMME DE CONFIGURATION D'ARBORESCENCE ET NOEUD DE CONFIGURATION D'ARBORESCENCE  
[72] ENOMOTO, NOBUYUKI, JP  
[72] URAYABASHI, MASAKI, JP  
[72] IWATA, ATSUSHI, JP  
[72] HIDAKA, YOUICHI, JP  
[71] NEC CORPORATION, JP  
[22] 2003-08-19  
[41] 2004-08-19  
[30] JP (2003-041794) 2003-02-19

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[21] 2,438,408

[13] A1

[51] Int.Cl. 7E05D 13/00  
[25] EN  
[54] BLOCK AND TACKLE SASH BALANCE SHOE  
[54] SABOT D'EQUILIBREUR DE CHASSIS A POULIES  
[72] MALEK, NEEMAN, CA  
[71] POMEROY, INCORPORATED, US  
[22] 2003-08-28  
[41] 2004-08-21  
[30] US (60/449,048) 2003-02-21

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[21] **2,440,535**  
[13] A1

[51] Int.Cl. 7C09B 29/036  
[25] EN  
[54] WATER-INSOLUBLE VIOLET BENZIMIDAZOLE MONOAZO PIGMENTS  
[54] PIGMENTS MONOAZOIQUES DE BENZIMIDAZOLE VIOLETS HYDRO-INSOLUBLES  
[72] SLUPECKY, JAROSLAV, CA  
[72] YEE, JUSTIN, CA  
[72] VINCENT, MARK, CA  
[72] SKELTON, HELEN, CA  
[71] DOMINION COLOUR CORPORATION, CA  
[22] 2003-09-11  
[41] 2004-08-20  
[30] US (10/368,586) 2003-02-20

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[21] **2,440,690**  
[13] A1

[51] Int.Cl. 7A43C 17/00  
[25] EN  
[54] GRIPPING RIDING SPURS  
[54] EPERONS D'EQUITATION PERMETTANT DE SERRER LE CHEVAL SANS LE BLESSER  
[72] FRANKLIN, REID ALBERT, CA  
[72] FRANKLIN, MERTON CHARLES, CA  
[71] FRANKLIN, REID ALBERT, CA  
[71] FRANKLIN, MERTON CHARLES, CA  
[22] 2003-09-10  
[41] 2004-08-19  
[30] US (10/367,158) 2003-02-19

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[21] **2,444,684**  
[13] A1

[51] Int.Cl. 7D21F 1/10 7D21F 7/08 7D21F 7/12  
[25] EN  
[54] APPARATUS FOR TREATING A WIRE OR A FELT BAND IN A PAPERMAKING INSTALLATION  
[54] APPAREIL POUR LE TRAITEMENT DE BANDE TISSEE METALLIQUE OU DE FEUTRE DE PAPETERIE  
[72] BARTELMUSS, HEINZ, AT  
[72] BARTELMUSS, KLAUS, AT  
[71] BARTELMUSS, HEINZ, AT  
[71] BARTELMUSS, KLAUS, AT  
[22] 2003-10-15  
[41] 2004-08-20  
[30] AT (A 257/2003) 2003-02-20

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[21] **2,446,366**  
[13] A1

[51] Int.Cl. 7B25B 23/144  
[25] EN  
[54] ELECTRONIC TORQUE WRENCH WITH FLEXIBLE HEAD  
[54] CLE DYNAMOMETRIQUE ELECTRONIQUE AVEC TETE FLEXIBLE  
[72] CURRY, DAVID D., US  
[71] SNAP-ON TECHNOLOGIES, INC., US  
[22] 2003-10-23  
[41] 2004-08-19  
[30] US (10/368,032) 2003-02-19

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[21] **2,447,108**  
[13] A1

[51] Int.Cl. 7F24C 7/08 7F24C 15/10  
[25] EN  
[54] ONE-PIECE BURNER ELEMENT/ SWITCH SUPPORT FOR A COOKTOP  
[54] SUPPORT MONOBLOC POUR BRULEURS ET INTERRUPEURS DE TABLE DE CUISSON  
[72] MCFARLAND, JAMES COTY, US  
[71] MAYTAG CORPORATION, US  
[22] 2003-10-28  
[41] 2004-08-19  
[30] US (10/367,760) 2003-02-19

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[21] **2,447,406**  
[13] A1

[51] Int.Cl. 7B29D 30/08 7B60C 5/00  
[25] EN  
[54] TIRE  
[54] PNEU  
[72] HSU, SHUT CHEN, XX  
[71] HSU, SHUT CHEN, XX  
[22] 2003-10-30  
[41] 2004-08-18  
[30] TW (92103349) 2003-02-18

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[21] **2,447,939**  
[13] A1

[51] Int.Cl. 7B63C 11/26 7H04B 3/00 7G06F 3/14  
[25] EN  
[54] TEXT COMMUNICATION DEVICE FOR DIVERS  
[54] DISPOSITIF DE TRANSMISSION DE TEXTE POUR PLONGEURS  
[72] MANDEL, YARON NAHUM, CA  
[71] MANDEL, YARON NAHUM, CA  
[22] 2003-11-07  
[41] 2004-08-19  
[30] US (10/367,027) 2003-02-19

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[21] **2,448,431**  
[13] A1

[51] Int.Cl. 7H01R 4/66 7H02K 13/00 7H02K 5/22  
[25] EN  
[54] ELECTRIC MOTOR BONDING APPARATUS  
[54] CONDUCTEUR DE MISE A LA MASSE POUR MOTEUR ELECTRIQUE  
[72] WATKINS, WILLIAM J., US  
[72] LIN, CHIH M., US  
[72] LONG, NORMAN R., US  
[71] A.O. SMITH CORPORATION, US  
[22] 2003-11-06  
[41] 2004-08-21  
[30] US (10/371,559) 2003-02-21

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[21] **2,448,860**  
[13] A1

[51] Int.Cl. 7E04F 15/00 7B32B 13/00 7B28D 1/00  
[25] EN  
[54] A TILE WHICH CAN BE MODELLED IN A COLD STATE AND A PROCESS FOR MANUFACTURING THE TITLE  
[54] CARREAU POUVANT ETRE MODELE A FROID, ET PROCEDE DE FABRICATION  
[72] BASSI, DANIELE, IT  
[72] MOROTTI, GIULIANO, IT  
[71] BASSI, DANIELE, IT  
[71] MOROTTI, GIULIANO, IT  
[22] 2003-11-12  
[41] 2004-08-21  
[30] IT (MO2003A000039) 2003-02-21

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[21] **2,449,906**  
[13] A1

[51] Int.Cl. 7A23L 1/32 7A23J 3/08  
[25] EN  
[54] EGG REPLACER CONCENTRATE AND LIQUID EGG REPLACER  
[54] CONCENTRE DE SUBSTITUT D'OEUF ET SUBSTITUT D'OEUF LIQUIDE  
[72] MATTHIJSSSEN, GERARDUS ANTONIUS FRANCISCUS, NL  
[72] VAN AMERONGEN, IVO ANTONIUS, NL  
[72] BODOR, JANOS, NL  
[71] UNILEVER PLC, GB  
[22] 2003-11-19  
[41] 2004-08-21  
[30] EP (03075500.3) 2003-02-21

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[21] **2,450,963**  
[13] A1

[51] Int.Cl. 7A61B 18/12 7A61K 7/06  
[25] EN  
[54] METHOD OF HAIR REMOVAL  
[54] METHODE D'EPILATION  
[72] RONCI, ROMEO V., US  
[71] RONCI, ROMEO V., US  
[22] 2003-11-27  
[41] 2004-08-20  
[30] US (10/368,453) 2003-02-20

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[21] **2,452,657**  
[13] A1

[51] Int.Cl. 7H01M 8/24 7H01M 8/10  
7H02J 7/34  
[25] EN  
[54] A BATTERY WITH  
MINIATURISED SOFC FUEL CELLS  
[54] BATTERIE DE PILES A  
COMBUSTIBLE A OXYDE SOLIDE  
(SOFC) MINIATURISEES  
[72] ROBERT, GILLES, CH  
[71] SULZER MARKETS AND  
TECHNOLOGY AG, CH  
[22] 2003-12-09  
[41] 2004-08-18  
[30] EP (03 405 091.4) 2003-02-18

[21] **2,453,591**  
[13] A1

[21] **2,452,778**  
[13] A1

[51] Int.Cl. 7H04L 12/16 7G06F 17/30  
[25] EN  
[54] SYSTEM AND METHOD FOR  
SEARCHING, FINDING AND  
CONTACTING DATES ON THE  
INTERNET IN INSTANT MESSAGING  
NETWORKS AND/OR IN OTHER  
METHODS THAT ENABLE  
IMMEDIATE FINDING AND  
CREATING IMMEDIATE CONTACT  
[54] SYSTEME ET METHODE POUR  
CHERCHER, TROUVER ET  
CONTACTER DES PERSONNES PAR  
INTERNET SUR DES RESEAUX DE  
MESSAGERIE INSTANTANEE ET/OU A  
L'AIDE D'AUTRES METHODES QUI  
PERMETTENT DE TROUVER  
INSTANTANEMENT DES PERSONNES  
ET D'ESTABLIR INSTANTANEMENT  
DES CONTACTS  
[72] MAYER, YARON, IL  
[71] MAYER, YARON, IL  
[22] 2003-12-29  
[41] 2004-08-18  
[30] CA (2,419120) 2003-02-18  
[30] CA (2,432,811) 2003-07-02  
[30] CA (2,432,817) 2003-07-04  
[30] US (10/621,509) 2003-07-18  
[30] CA (2,437,456) 2003-08-08  
[30] CA (2,437,451) 2003-08-13  
[30] CA (2,440,398) 2003-09-05  
[30] CA (2,455,342) 2003-12-17

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[21] **2,453,591**  
[13] A1

[51] Int.Cl. 7H01M 2/16 7H01M 10/40  
[25] EN  
[54] OXIDATION RESISTANT  
SEPARATOR FOR A BATTERY  
[54] SEPARATEUR DE PILE  
RESISTANT A L'OXYDATION  
[72] ZHANG, ZHENGMING, US  
[72] ARORA, PANKAJ, US  
[71] CELGARD INC., US  
[22] 2003-12-16  
[41] 2004-08-21  
[30] US (10/371,461) 2003-02-21

[21] **2,453,813**  
[13] A1

[51] Int.Cl. 7H04B 10/18  
[25] EN  
[54] A METHOD AND SYSTEM FOR  
LIGHT PATH MONITORING IN AN  
OPTICAL COMMUNICATION  
NETWORK  
[54] METHODE ET SYSTEME DE  
SURVEILLANCE DE TRAJET  
LUMINEUX DANS UN RESEAU DE  
TRANSMISSION OPTIQUE  
[72] WAN, PING WAI, CA  
[72] BIERMAN, ROBERT MICHAEL, CA  
[72] OBEDA, PAUL DAVID, CA  
[72] BACQUE, JAMES BENSON, CA  
[72] REMEDIOS, DERRICK, CA  
[72] KELLY, COLIN GEOFFREY, CA  
[71] TROPIC NETWORKS INC., CA  
[22] 2003-12-19  
[41] 2004-08-19  
[30] US (60/447,726) 2003-02-19

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[21] **2,454,480**  
[13] A1

[51] Int.Cl. 7H04L 1/00 7H04L 7/00  
[25] EN  
[54] CHANNEL ESTIMATION  
APPARATUS AND METHOD IN  
DIGITAL COMMUNICATION SYSTEM  
[54] APPAREIL ET METHODE  
D'EVALUATION DES CANAUX DANS  
UN SYSTEME DE COMMUNICATION  
NUMERIQUE  
[72] JEONG, JIN-HEE, KR  
[72] KIM, JUNG-JIN, KR  
[72] KWON, YONG-SIK, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 2003-12-24  
[41] 2004-08-18  
[30] KR (2003-10157) 2003-02-18

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[21] **2,454,546**  
[13] A1

[51] Int.Cl. 7A61M 5/178 7A61M 5/00  
7B65C 9/46 7A61M 5/50  
[25] EN  
[54] METHOD AND APPARATUS FOR IDENTIFICATION AND/OR MONITORING OF MEDICAL SYRINGES  
[54] METHODE ET APPAREIL POUR L'IDENTIFICATION OU LE SUIVI DE SERINGUES MEDICALES  
[72] HENNIG, HELMUT, DE  
[72] VETTER, UDO J., DE  
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE  
[22] 2003-12-30  
[41] 2004-08-15  
[30] DE (103 06 400.1-44) 2003-02-15

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[21] **2,454,593**  
[13] A1

[51] Int.Cl. 7E01C 23/18 7E01F 9/04  
7B60D 1/14  
[25] EN  
[54] TEMPORARY RAISED PAVEMENT MARKER (TRPM) APPLICATOR MACHINE FOR AUTOMATICALLY APPLYING PAVEMENT MARKERS TO ROAD SURFACES  
[54] APPLICATEUR AUTOMATIQUE DE MARQUES TEMPORAIRES EN RELIEF SUR LA CHAUSSEE  
[72] ANDERSON, BRAD, US  
[72] ORTHAUS, CHAD, US  
[72] ROGERS, JEFFREY, US  
[72] WILKENS, JEFFREY A., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2003-12-31  
[41] 2004-08-19  
[30] US (10/367,823) 2003-02-19

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[21] **2,455,046**  
[13] A1

[51] Int.Cl. 7A47C 3/025 7A47C 1/024  
7A47C 3/026 7A47C 7/36  
[25] EN  
[54] BACKREST  
[54] DOSSIER DE SIEGE  
[72] SCHLEGEL, MANFRED, DE  
[72] SEILER, MATHIAS, DE  
[72] GRASSE, KLAUS-PETER, DE  
[71] SEDUS STOLL AG, DE  
[22] 2004-01-13  
[41] 2004-08-16  
[30] EP (03 003 522.4) 2003-02-16

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[21] **2,455,085**  
[13] A1

[51] Int.Cl. 7A23P 1/00 7A21C 15/00  
7B26D 7/01 7A21C 15/04 7B65B 25/16  
[25] EN  
[54] FOOD PRODUCT MARKING SYSTEMS AND METHODS  
[54] SYSTEMES ET METHODES DE MARQUAGE DE PRODUITS ALIMENTAIRES  
[72] FINKOWSKI, JAMES W., US  
[72] ARLINGHAUS, MARK E., US  
[71] THE PILLSBURY COMPANY, US  
[22] 2004-01-12  
[41] 2004-08-19  
[30] US (10/369,203) 2003-02-19

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[21] **2,455,264**  
[13] A1

[51] Int.Cl. 7H04L 12/66 7H04L 12/50  
7H04L 12/56  
[25] EN  
[54] SUBSCRIBER MOBILITY IN TELEPHONY SYSTEMS  
[54] MOBILITE D'ABONNE DANS DES SYSTEMES TELEPHONIQUES  
[72] HASERODT, KURT H., US  
[72] RAVIPATI, CHANDRA M., US  
[72] MILTON, STEPHEN M., US  
[72] CHAVEZ, DAVID L., US  
[72] BOYLE, FRANK J., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2004-01-15  
[41] 2004-08-21  
[30] US (10/370,845) 2003-02-21

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[21] **2,455,377**  
[13] A1

[51] Int.Cl. 7A61F 2/38 7A61F 2/28 7A61F 2/30  
[25] EN  
[54] MODULAR BONE IMPLANT, TOOL AND METHOD  
[54] GREFFON OSSEUX MODULAIRE, OUTIL ET METHODE  
[72] TRIPLETT, DANIEL J., US  
[72] FALLIN, THOMAS WADE, US  
[72] GOBLE, E. MARLOW, US  
[72] HODOREK, ROBERT A., US  
[72] GERBEC, DANIEL, US  
[72] HAMMOND, NATHAN A., US  
[72] JUSTIN, DANIEL F., US  
[72] BAKER, GORDON, US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2004-01-19  
[41] 2004-08-18  
[30] US (10/369,331) 2003-02-18

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[21] **2,455,537**  
[13] A1

[51] Int.Cl. 7B29C 45/03 7B29C 45/20  
7B29C 45/27  
[25] EN  
[54] HEAT DISSIPATION DEVICE FOR AND METHOD OF DISSIPATING HEAT FROM A NOZZLE  
[54] DISPOSITIF ET METHODE DE DISSIPATION DE CHALEUR D'UNE BUSE  
[72] TRUDEAU, ROBERT, US  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2004-01-21  
[41] 2004-08-20  
[30] US (60/448,146) 2003-02-20  
[30] US (60/452,497) 2003-03-07

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[21] **2,455,640**  
[13] A1

[51] Int.Cl. 7H04B 1/74 7H04J 14/02  
7H04B 10/08  
[25] EN  
[54] PROTECTION SWITCHING ARCHITECTURE AND METHOD OF USE  
[54] ARCHITECTURE DE COMMUTATION DE PROTECTION ET METHODE D'UTILISATION  
[72] KERFOOT, FRANKLIN W., III, US  
[71] TYCO TELECOMMUNICATIONS (US) INC., US  
[22] 2004-01-21  
[41] 2004-08-18  
[30] US (10/368,907) 2003-02-18

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[21] **2,455,714**  
[13] A1

[51] Int.Cl. 7G05D 1/10 7B64C 19/00  
[25] EN  
[54] SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING A PATH OF TRAVEL OF A VEHICLE  
[54] SYSTEME ET METHODE DE COMMANDE AUTOMATIQUE DU TRAJET D'UN VEHICULE  
[72] CAMERON, DOUGLAS C., US  
[72] BROWN, ERIC D., US  
[72] VON KLEIN, WALTER, JR., US  
[72] KROTHAPALLI, KRISH R., US  
[72] WILLIAMS, TODD M., US  
[71] THE BOEING COMPANY, US  
[22] 2004-01-23  
[41] 2004-08-19  
[30] US (10/369,285) 2003-02-19

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**[21] 2,455,739**  
[13] A1

[51] Int.Cl. 7B29C 45/03 7B29C 45/27  
[25] EN  
[54] HEAT DISSIPATION DEVICE FOR AND METHOD OF DISSIPATING HEAT FROM A MANIFOLD  
[54] DISPOSITIF ET METHODE DE DISSIPATION DE CHALEUR D'UN COLLECTEUR  
[72] TRUDEAU, ROBERT, US  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2004-01-21  
[41] 2004-08-20  
[30] US (60/448,146) 2003-02-20  
[30] US (60/452,497) 2003-03-07

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**[21] 2,455,865**  
[13] A1

[51] Int.Cl. 7H04L 29/06 7H04L 9/00  
7G06F 12/14  
[25] EN  
[54] INTERNET PRIVACY PROTECTION DEVICE  
[54] DISPOSITIF DE PROTECTION DE LA CONFIDENTIALITE SUR INTERNET  
[72] PARASKAKE, MICHAEL, CA  
[72] SAMI, VIKASH KRISHNA, CA  
[71] SAAFNET CANADA INCORPORATED, CA  
[22] 2004-02-19  
[41] 2004-08-19  
[30] US (10/364,322) 2003-02-19

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**[21] 2,455,926**  
[13] A1

[51] Int.Cl. 7F16B 39/22  
[25] EN  
[54] WEDGE-LOCK FASTENER AND ASSOCIATED INSTALLATION AND ASSEMBLY METHODS  
[54] FIXATION DE VERROUILLAGE PAR CALE, ET METHODES D'INSTALLATION ET D'ASSEMBLAGE ASSOCIEES  
[72] ANDERSON, MATTHEW L., US  
[72] KOCH, WILLIAM J., US  
[71] THE BOEING COMPANY, US  
[22] 2004-01-26  
[41] 2004-08-20  
[30] US (10/369,879) 2003-02-20

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**[21] 2,456,026**  
[13] A1

[51] Int.Cl. 7B23K 20/10  
[25] FR  
[54] PROCEDE ET DISPOSITIF DE LIAISON PAR SOUDAGE D'AU MOINS DEUX FEUILLES METALLIQUES ET JOINTS OBTENUS  
[54] PROCESS AND DEVICE FOR JOINING BY WELDING AT LEAST TWO METAL SHEETS AND THE RESULTING JOINTS  
[72] SAGE, LOIC MICHEL PASCAL, FR  
[72] CLAVEYROLLAS, DANIEL FREDERIC, FR  
[71] CARL FREUDENBERG KG, DE  
[22] 2004-01-29  
[41] 2004-08-17  
[30] FR (03 01869) 2003-02-17

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**[21] 2,456,260**  
[13] A1

[51] Int.Cl. 7H04L 9/00 7H04L 9/28  
[25] EN  
[54] OPTICAL OUT-OF-BAND KEY DISTRIBUTION  
[54] TRANSMISSION OPTIQUE HORS BANDE DE CLE  
[72] SHERMAN, NATHAN C., US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-01-19  
[41] 2004-08-19  
[30] US (10/369,375) 2003-02-19

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**[21] 2,456,487**  
[13] A1

[51] Int.Cl. 7D01D 5/08 7D01F 6/00 7B32B 27/28 7B32B 31/30  
[25] EN  
[54] MULTI-LAYER MONOFILAMENT AND PROCESS FOR MANUFACTURING A MULTI-LAYER MONOFILAMENT  
[54] MONOFILAMENT MULTICOUCHES ET PROCEDE DE FABRICATION  
[72] MORTON-FINGER, JUERGEN, DE  
[71] MOTECH GMBH TECHNOLOGY & SYSTEMS, DE  
[22] 2004-02-03  
[41] 2004-08-20  
[30] DE (103 07 174.1) 2003-02-20

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**[21] 2,456,696**  
[13] A1

[51] Int.Cl. 7F01D 5/18  
[25] FR  
[54] AUBES DE TURBINE REFROIDIE A FUITE D'AIR DE REFROIDISSEMENT REDUITE  
[54] TURBINE BLADES COOLED BY REDUCED ESCAPEMENT OF COOLING AIR  
[72] SCHWARTZ, ERIC, FR  
[72] DUBOIS, LAURENT, FR  
[72] REDON, DAMIEN, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-02-11  
[41] 2004-08-18  
[30] FR (03 01916) 2003-02-18

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**[21] 2,456,797**  
[13] A1

[51] Int.Cl. 7E21B 21/08 7E21B 47/12  
[25] EN  
[54] DEFORMABLE BLADES FOR DOWNHOLE APPLICATIONS IN A WELLBORE  
[54] LAMES DEFORMABLES POUR APPLICATIONS DE PUITS DE FORAGE  
[72] OSSIA, SEPAND, US  
[72] BERNARD, LARRY, US  
[72] KANTE, ADAME, US  
[72] ARZOUUMANIDIS, ALEX G., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2004-02-03  
[41] 2004-08-21  
[30] US (10/248,824) 2003-02-21

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**[21] 2,456,999**  
[13] A1

[51] Int.Cl. 7G05B 23/02 7B61C 17/12  
[25] EN  
[54] METHOD AND SYSTEM FOR AUTONOMOUSLY RESOLVING A FAILURE  
[54] METHODE ET SYSTEME DE RESOLUTION AUTONOME DE DEFAILLANCE  
[72] JAMMU, VINAY BHASKAR, US  
[72] BHARADWAJ, RAJ MOHAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2004-02-05  
[41] 2004-08-20  
[30] US (10/370,824) 2003-02-20

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[21] **2,457,001**

[13] A1

[51] Int.Cl. 7E02D 27/50 7E02D 5/80  
[25] EN  
[54] PRECONSTRUCTION ANCHORING SYSTEM AND METHOD FOR BUILDINGS  
[54] SYSTEME ET METHODE D'ANCRAGE PREPARATOIRE POUR BATIMENTS  
[72] BACON, CHRISTOPHER WAYNE, US  
[72] GREGORY, STEVEN D., US  
[72] PHARR, ROBERT KENT, US  
[71] GREGORY ENTERPRISES, INC., US  
[22] 2004-02-05  
[41] 2004-08-20  
[30] US (10/369,838) 2003-02-20

[21] **2,457,180**

[13] A1

[51] Int.Cl. 7H01M 8/04 7H01M 8/12  
7H01M 8/24  
[25] EN  
[54] INTERCONNECT DEVICE, FUEL CELL AND FUEL CELL STACK  
[54] DISPOSITIF D'INTERCONNEXION, PILE A COMBUSTIBLE ET ASSEMBLAGE DE PILES A COMBUSTIBLE  
[72] OLSEN, CHRISTIAN, DK  
[72] USTERUD, HARALD, DK  
[72] NIELSEN, JENS ULRIK, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 2004-02-10  
[41] 2004-08-15  
[30] DK (PA 2003 00232) 2003-02-15

[21] **2,457,241**

[13] A1

[51] Int.Cl. 7B23B 51/04 7B23B 31/06  
[25] EN  
[54] UNIVERSAL QUICK CHANGE HOLE SAW ARBOR  
[54] MANDRIN PORTE-SCIE CYLINDRIQUE UNIVERSEL A CHANGEMENT RAPIDE  
[72] NORDLIN, WILLIAM F., US  
[71] GREENLEE TEXTRON INC., US  
[22] 2004-02-06  
[41] 2004-08-18  
[30] US (60/448,387) 2003-02-18

[21] **2,457,257**

[13] A1

[51] Int.Cl. 7B66B 21/12 7B66B 29/08  
[25] FR  
[54] DISPOSITIF DE TRANSFERT PEFECTIONNE POUR SYSTEME DE TRANSPORT, TEL QUE TROTTOIR ROULANT  
[54] IMPROVED TRANSFER DEVICE FOR TRANSPORT SYSTEM, SUCH AS A MOVING SIDEWALK  
[72] DIAZ, BERNARD, FR  
[71] CONSTRUCTIONS INDUSTRIELLES DE LA MEDITERRANEE - CNIM, FR  
[22] 2004-02-11  
[41] 2004-08-19  
[30] FR (03 01994) 2003-02-19

[21] **2,457,271**

[13] A1

[51] Int.Cl. 7B07C 3/14  
[25] FR  
[54] PROCEDE POUR LA RECONNAISSANCE OPTIQUE D'ENVOIS POSTAUX UTILISANT PLUSIEURS IMAGES  
[54] PROCESS USING SEVERAL IMAGES FOR THE OPTICAL RECOGNITION OF MAIL  
[72] BENYOUNB, BELKACEM, FR  
[71] SOLYSTIC, FR  
[22] 2004-02-12  
[41] 2004-08-19  
[30] FR (0301997) 2003-02-19

[21] **2,457,281**

[13] A1

[51] Int.Cl. 7E21B 37/06 7C09K 7/02  
[25] FR  
[54] METHODE PERMETTANT D'EVITER LA SEDIMENTATION DES CRISTAUX D'HYDRATES DE GAZ  
[54] METHOD OF PREVENTING SEDIMENTATION OF GAS HYDRATE CRYSTALS  
[72] GATEAU, PATRICK, FR  
[72] VILAGINES, REGIS, FR  
[72] BEUNAT, VIRGINIE, FR  
[72] SINQUIN, ANNE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2004-02-16  
[41] 2004-08-19  
[30] FR (03 02 053) 2003-02-19

[21] **2,457,285**

[13] A1

[51] Int.Cl. 7H04Q 7/38 7H04B 7/216  
[25] EN  
[54] SCHEDULING APPARATUS AND METHOD IN A CDMA MOBILE COMMUNICATION SYSTEM  
[54] APPAREIL ET METHODE DE PLANIFICATION DANS UN SYSTEME MOBILE DE COMMUNICATIONS AMRC  
[72] LEE, JU-HO, KR  
[72] KIM, YOUNG-BUM, KR  
[72] HEO, YOUN-HYOUNG, KR  
[72] CHOI, SUNG-HO, KR  
[72] KWAK, YONG-JUN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2004-02-11  
[41] 2004-08-15  
[30] KR (2003-9665) 2003-02-15

[21] **2,457,289**

[13] A1

[51] Int.Cl. 7B64D 27/12 7B64D 27/18  
[25] FR  
[54] STRUCTURE PORTEUSE POUR UN TURBOPROPULSEUR ET ENSEMBLE COMPORTEANT UNE TELLE STRUCTURE PORTEUSE  
[54] LOAD-BEARING STRUCTURE FOR A TURBOPROP AND ASSEMBLY COMPRISING SUCH A LOAD-BEARING STRUCTURE  
[72] MAZEAUD, GEORGES, FR  
[72] PICARD, JEAN-LOUIS, FR  
[71] SNECMA MOTEURS, FR  
[22] 2004-02-18  
[41] 2004-08-19  
[30] FR (03 02 000) 2003-02-19

[21] **2,457,364**

[13] A1

[51] Int.Cl. 7A61B 5/15 7A61B 19/00  
7A01N 1/02 7G01N 33/49 7B65D 85/50  
7G01N 33/50  
[25] EN  
[54] A PACKAGED BAG SYSTEM PROVIDED WITH IDENTIFICATION MEANS  
[54] SAC ENCAPSULE AVEC DISPOSITIF D'IDENTIFICATION  
[72] GOUDALIEZ, FRANCIS, FR  
[72] VERPOORT, THIERRY, FR  
[72] DEMAY, SYLVIE, FR  
[71] MACO PHARMA, FR  
[22] 2004-02-12  
[41] 2004-08-19  
[30] FR (03 02033) 2003-02-19

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[21] 2,457,371  
[13] A1

[51] Int.Cl. 7F16B 35/00 7F16B 35/04  
7A61B 17/86  
[25] EN  
[54] IMPLANT DEVICE INCLUDING THREADED LOCKING MECHANISM  
[54] DISPOSITIF D'IMPLANT COMPRENANT UN MECANISME DE BLOCAGE FILETE  
[72] ADAMS, JAMES W., US  
[72] RAYNOR, DONALD E., US  
[71] SPINAL INNOVATIONS, LLC, US  
[22] 2004-02-11  
[41] 2004-08-19  
[30] US (10/369,158) 2003-02-19

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[21] 2,457,416  
[13] A1

[51] Int.Cl. 7A47C 5/06  
[25] EN  
[54] CHAIR SEAT WITH FIRM BUT RESILIENT FRONT EDGE  
[54] FOND DE SIEGE COMPRENANT UN REBORD AVANT ELASTIQUE FERME  
[72] BOTTEMILLER, DONALD L., US  
[71] HOMECREST INDUSTRIES INCORPORATED, US  
[22] 2004-02-12  
[41] 2004-08-19  
[30] US (10/369,444) 2003-02-19

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[21] 2,457,466  
[13] A1

[51] Int.Cl. 7B29C 47/78  
[25] EN  
[54] SIDING PRODUCTION LINE COOLING APPARATUS AND METHOD  
[54] APPAREIL ET METHODE DE REFROIDISSEMENT DE CHAINE DE FABRICATION DE BARDAGE  
[72] SZABO, ROBERT, US  
[72] STOVIN, GARFIELD, US  
[72] MINER, STEVAN, US  
[71] K-TER IMAGINEERING, INC., US  
[22] 2004-02-11  
[41] 2004-08-21  
[30] US (10/371,318) 2003-02-21

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[21] 2,457,469  
[13] A1

[51] Int.Cl. 7B60R 11/02  
[25] EN  
[54] VEHICLE MOUNTING SYSTEM FOR A VIDEO DISPLAY UNIT  
[54] SYSTEME DE MONTAGE SUR VEHICULE POUR UNITE D'AFFICHAGE VIDEO  
[72] MORTAZAVI, ALI, CA  
[72] LE, THAI, CA  
[71] MOBILE KNOWLEDGE INC., CA  
[22] 2004-02-11  
[41] 2004-08-20  
[30] US (10/368,571) 2003-02-20

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[21] 2,457,596  
[13] A1

[51] Int.Cl. 7F04B 47/06 7E21B 43/01  
7F04B 17/03 7F04D 13/08  
[25] EN  
[54] TENSION THRUST ESPCP SYSTEM  
[54] SYSTEME DE POMPE SUBMERSIBLE ELECTRIQUE A ROTOR HELICOIDAL EXCENTRE A POUSSEE AXIALE  
[72] PROCTOR, BRUCE ERWIN, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2004-02-13  
[41] 2004-08-19  
[30] US (10/369,149) 2003-02-19

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[21] 2,457,480  
[13] A1

[51] Int.Cl. 7G01M 17/00 7G01M 15/00  
[25] EN  
[54] A FAILURE DIAGNOSING APARATUS FOR AN ENGINE COOLING WATER TEMPERATURE SENSOR  
[54] APPAREIL DE DETECTION DE DEFAILLANCE DE DETECTEUR DE TEMPERATURE DE LIQUIDE DE REFROIDISSEMENT DE MOTEUR  
[72] GOSYO, EISAKU, JP  
[72] TAKASUKA, YOSHITAKA, JP  
[72] TSUKAMOTO, TOSHINORI, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2004-02-12  
[41] 2004-08-20  
[30] JP (2003-42069) 2003-02-20

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[21] 2,457,600  
[13] A1

[51] Int.Cl. 7F01M 11/03 7B01D 27/06  
7F16N 39/06  
[25] EN  
[54] OIL FILTER CARTRIDGE  
[54] CARTOUCHE FILTRANTE A HUILE  
[72] SMITH, ELLIS JUNIOR, US  
[71] DEERE & COMPANY, US  
[22] 2004-02-12  
[41] 2004-08-21  
[30] US (10/372,602) 2003-02-21

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[21] 2,457,602  
[13] A1

[51] Int.Cl. 7G06F 7/00 7H04N 7/52  
[25] EN  
[54] METHOD OF SYNCHRONIZING STREAMS OF REAL TIME DATA  
[54] METHODE DE SYNCHRONISATION DE FLUX DE donnees EN TEMPS REEL  
[72] MURPHY, NOEL, CA  
[72] DOYLE, ERIC, CA  
[72] DOYLE, CATHERINE, CA  
[72] MCMILLAN, MICHAEL, CA  
[71] IMPATICA INC., CA  
[22] 2004-02-13  
[41] 2004-08-19  
[30] US (60/447,743) 2003-02-19

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[21] 2,457,625  
 [13] A1

[51] Int.Cl. 7B27N 3/08  
 [25] EN  
**[54] METHOD OF FORMING A COMPRESSED COMPOSITE PRODUCT**  
**[54] METHODE DE FORMATION D'UN PRODUIT COMPOSITE COMPRIME**  
 [72] KOTT, NORBERT, CA  
 [71] WEYERHAEUSER COMPANY, US  
 [22] 2004-02-10  
 [41] 2004-08-18  
 [30] US (10/368,961) 2003-02-18

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[21] 2,457,627  
 [13] A1

[51] Int.Cl. 7B27N 3/08  
 [25] EN  
**[54] A COMPRESSED COMPOSITE PRODUCT FORMATION AND TRANSPORT METHOD**  
**[54] METHODE DE FORMATION ET DE TRANSPORT D'UN PRODUIT COMPOSITE COMPRIME**  
 [72] KOTT, NORBERT, CA  
 [71] WEYERHAEUSER COMPANY, US  
 [22] 2004-02-10  
 [41] 2004-08-18  
 [30] US (10/368,950) 2003-02-18

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[21] 2,457,648  
 [13] A1

[51] Int.Cl. 7E21B 10/08  
 [25] EN  
**[54] DRILL BIT CUTTER ELEMENT HAVING MULTIPLE CUSPS**  
**[54] ELEMENT DE COUPE DE TREPAN COMPRENANT PLUSIEURS POINTES**  
 [72] YONG, ZHOU, US  
 [72] SHOTTON, VINCENT W., US  
 [72] McDONOUGH, SCOTT, US  
 [71] SMITH INTERNATIONAL, INC., US  
 [22] 2004-02-13  
 [41] 2004-08-21  
 [30] US (10/371,388) 2003-02-21

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[21] 2,457,649  
 [13] A1

[51] Int.Cl. 7B01D 17/028 7C02F 1/40  
 [25] EN  
**[54] WATER CLARIFICATION SYSTEM**  
**[54] SYSTEME DE CLARIFICATION DE L'EAU**  
 [72] THACKER, KRIS ODELL, US  
 [72] VANHOOSE, BILL RUSSELL, US  
 [72] MONTGOMERY, HOWARD LEANDER, US  
 [72] ATCHISON, OWEN MICHAEL, US  
 [71] HANCOR, INC., US  
 [22] 2004-02-13  
 [41] 2004-08-19  
 [30] US (60/448,326) 2003-02-19  
 [30] US (10/614,156) 2003-07-07

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[21] 2,457,650  
 [13] A1

[51] Int.Cl. 7E21B 47/06 7E21B 49/08  
 [25] EN  
**[54] METHOD AND APPARATUS FOR DETERMINING DOWNHOLE PRESSURES DURING A DRILLING OPERATION**  
**[54] METHODE ET APPAREIL POUR DETERMINER LES PRESSIONS D'UN PUITS PENDANT UN FORAGE**  
 [72] HOEFEL, ALBERT, US  
 [72] CIGLENEC, REINHART, US  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
 [22] 2004-02-12  
 [41] 2004-08-18  
 [30] US (10/248,782) 2003-02-18

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[21] 2,457,679  
 [13] A1

[51] Int.Cl. 7A61M 16/10  
 [25] EN  
**[54] METERED ADMINISTRATION OF A THERAPEUTIC GAS**  
**[54] ADMINISTRATION DOSEE D'UN GAZ THERAPEUTIQUE**  
 [72] KREBS, CHRISTIAN, AT  
 [71] INO THERAPEUTICS GMBH, AT  
 [22] 2004-02-13  
 [41] 2004-08-18  
 [30] DE (103 06 766.3) 2003-02-18

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[21] 2,457,709  
 [13] A1

[51] Int.Cl. 7B62B 9/20 7B62B 7/06 7B62B 9/12  
 [25] EN  
**[54] BABY CARRIAGE COMPRISING PUSH ARMS FITTED WITH ROTATING HANDLES, AND CORRESPONDING HANDLE**  
**[54] LANDAU DE BEBE COMPRENANT DES BRAS DE POUSSEE DUNIS DE POIGNEES ROTATIVES ET POIGNEE CORRESPONDANTE**  
 [72] ZWEIDECK, BRUNO, FR  
 [71] AMPAFRANCE, FR  
 [22] 2004-02-16  
 [41] 2004-08-17  
 [30] FR (03 01908) 2003-02-17

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[21] 2,457,724  
 [13] A1

[51] Int.Cl. 7G01M 1/32 7G01M 1/28  
 [25] EN  
**[54] WHEEL BALANCER WITH CONTINUOUS STATIC IMBALANCE DISPLAY**  
**[54] EQUILIBREUSE DE ROUES AVEC AFFICHAGE CONTINU DU BALOURD STATIQUE**  
 [72] CUNNINGHAM, CHARLES L., US  
 [72] BUZZI, CARLO, IT  
 [71] CUNNINGHAM, CHARLES L., US  
 [71] BUZZI, CARLO, IT  
 [22] 2004-02-16  
 [41] 2004-08-18  
 [30] US (60/448,162) 2003-02-18  
 [30] US (UNKNOWN) 2004-02-03

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[21] 2,457,729  
 [13] A1

[51] Int.Cl. 7B63H 25/22 7B63H 25/02  
 [25] EN  
**[54] OUTBOARD MOTOR STEERING SYSTEM**  
**[54] SYSTEME DE DIRECTION DE MOTEUR HORS-BORD**  
 [72] MIZUGUCHI, HIROSHI, JP  
 [72] TAKADA, HIDEAKI, JP  
 [72] OTOBE, TAIICHI, JP  
 [72] MASUBUCHI, YOSHINORI, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-02-16  
 [41] 2004-08-19  
 [30] JP (JP2003-040833) 2003-02-19  
 [30] JP (JP2003-040834) 2003-02-19  
 [30] JP (JP2003-040836) 2003-02-19

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[21] 2,457,733

[13] A1

- [51] Int.Cl. 7B63H 25/22 7B63H 25/02  
7B63H 25/52  
[25] EN  
**OUTBOARD MOTOR STEERING SYSTEM**  
**SYSTEME DE DIRECTION DE MOTEUR HORS-BORD**  
[54] MIZUGUCHI, HIROSHI, JP  
[72] TAKADA, HIDEAKI, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2004-02-16  
[41] 2004-08-19  
[30] JP (JP2003-040835) 2003-02-19
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[21] 2,457,739

[13] A1

- [51] Int.Cl. 7A21D 8/02 7A21D 8/00  
7A21D 10/00  
[25] EN  
**METHOD FOR MAKING BREADS**  
**METHODE DE PANIFICATION**  
[54] HOSOYA, SEIO, JP  
[72] YAMADA, YUJI, JP  
[71] YAMAZAKI SEIPAN KABUSHIKI KAISHA, JP  
[22] 2004-02-16  
[41] 2004-08-17  
[30] JP (37637/2003) 2003-02-17  
[30] JP (280034/2003) 2003-07-25
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[21] 2,457,782

[13] A1

- [51] Int.Cl. 7E05F 15/18 7G05B 19/042  
[25] EN  
**AUTOMATIC GATE OPERATOR**  
**DISPOSITIF DE FERMETURE DE BARRIERE AUTOMATIQUE**  
[72] ROBB, ERIC, US  
[72] KUKULSKI, EDWARD, US  
[72] HILL, RICHARD, US  
[72] GIOIA, WILLIAM, US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2004-02-16  
[41] 2004-08-18  
[30] US (10/368,134) 2003-02-18
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[21] 2,457,786

[13] A1

- [51] Int.Cl. 7B62D 25/08 7B60R 19/00  
[25] EN  
**FRONT END COMPONENTS FOR A SADDLE-TYPE VEHICLE**  
**COMPOSANTS DE TRAIN AVANT DE VEHICULE A SELLETTE**  
[72] KARUBE, SHINICHI, JP  
[72] KAITA, KIHOKO, JP  
[72] NAKANO, NOBUHIKO, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2004-02-16  
[41] 2004-08-17  
[30] JP (2003-038800) 2003-02-17  
[30] JP (2003-038801) 2003-02-17  
[30] JP (2003-038802) 2003-02-17
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[21] 2,457,788

[13] A1

- [51] Int.Cl. 7E04F 15/00 7B32B 29/04  
7D06N 7/06 7E04C 2/24 7D21H 21/36  
[25] EN  
**LAMINATE FLOORING PLANKS INCORPORATING ANTIMICROBIAL AGENTS**  
**PLANCHES DE REVETEMENT DE SOL STRATIFIÉ INCORPORANT DES AGENTS ANTIMICROBIENS**  
[72] HAFFNER, CURT R., US  
[72] STOLARSKI, VICTORIA LYNN, US  
[72] KREBS, ROBERT R., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2004-02-16  
[41] 2004-08-19  
[30] US (60/447,712) 2003-02-19  
[30] US (10/773,859) 2004-02-06
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[21] 2,457,793

[13] A1

- [51] Int.Cl. 7F16L 3/13 7B60R 16/08  
7F16L 3/22  
[25] EN  
**A RETAINING MEMBER**  
**ELEMENT DE RETENUE**  
[72] BAUER, CHRISTIAN, DE  
[71] ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG, DE  
[22] 2004-02-16  
[41] 2004-08-18  
[30] DE (103 06 905.4) 2003-02-18
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[21] 2,457,820

[13] A1

- [51] Int.Cl. 7D21C 9/16  
[25] EN  
**METHOD FOR HYDROGEN PEROXIDE BLEACHING OF PULP**  
**METHODE DE BLANCHIMENT AU PEROXYDE D'HYDROGÈNE DE LA PATE A PAPIER**  
[72] PAN, GEORGE, CA  
[71] ALBERTA RESEARCH COUNCIL INC., CA  
[22] 2004-02-17  
[41] 2004-08-21  
[30] US (10/369,688) 2003-02-21
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[21] 2,457,831

[13] A1

- [51] Int.Cl. 7B32B 7/12 7B32B 5/04 7B32B 3/10 7G09F 3/10  
[25] EN  
**FILM ELEMENT**  
**ELEMENT PELLICULAIRE**  
[72] MOOSHEIMER, ULRICH, DE  
[71] SCHREINER GROUP GMBH & CO KG, DE  
[22] 2004-02-17  
[41] 2004-08-20  
[30] DE (10307250.0) 2003-02-20
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[21] 2,457,896

[13] A1

- [51] Int.Cl. 7A47J 27/16  
[25] EN  
**STEAM SHRIMP COOKER**  
**CUISEUR DE CREVETTES A VAPEUR**  
[72] LEDET, BRENT A., US  
[72] BAILEY, KYLE C., US  
[72] GRISBAUM, DANIEL W., US  
[72] McDONOUGH, DARREN P., US  
[72] GREMILLION, KEVIN L., US  
[72] MANGER, CHRISTOPHER L., US  
[71] LAITRAM, L.L.C., US  
[22] 2004-02-16  
[41] 2004-08-17  
[30] US (10/248,776) 2003-02-17
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[21] **2,457,929**  
[13] A1

[51] Int.Cl. 7H01H 36/00  
[25] EN  
[54] INTELLIGENT LINE SWITCH  
[54] COMMUTATEUR DE LIGNE  
INTELLIGENT  
[72] WEI, JUNG T., TW  
[71] WEI, JUNG T., TW  
[22] 2004-02-11  
[41] 2004-08-21  
[30] CN (03105468) 2003-02-21

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[21] **2,457,971**  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] EN  
[54] CIRCULATING SWITCH  
[54] COMMUTATEUR DE  
CIRCULATION  
[72] BESHAI, MAGED E., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2004-02-18  
[41] 2004-08-20  
[30] US (60/448,639) 2003-02-20

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[21] **2,457,972**  
[13] A1

[51] Int.Cl. 7B66F 9/08 7B66F 11/00  
[25] EN  
[54] BOOM  
[54] FLECHE  
[72] GELB, HERBERT, DE  
[71] DEERE & COMPANY, US  
[22] 2004-02-19  
[41] 2004-08-21  
[30] DE (103 07 689.1) 2003-02-21

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[21] **2,457,980**  
[13] A1

[51] Int.Cl. 7F15B 11/024 7F15B 11/12  
7B66F 9/22  
[25] EN  
[54] HYDRAULIC CONTROL CIRCUIT  
FOR A HYDRAULIC LIFTING  
CYLINDER  
[54] CIRCUIT DE COMMANDE  
HYDRAULIQUE POUR VERIN DE  
LEVAGE HYDRAULIQUE  
[72] SCHLEMMER, STEFFEN, US  
[72] PRICE, DAVID, GB  
[72] BITTER, MARCUS, DE  
[72] ONNEN, MARLIN, US  
[71] DEERE & COMPANY, US  
[22] 2004-02-19  
[41] 2004-08-21  
[30] DE (103 07 346.9) 2003-02-21

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[21] **2,457,987**  
[13] A1

[51] Int.Cl. 7G01N 33/00  
[25] EN  
[54] DISPOSABLE ABSORBENT  
ARTICLE EMPLOYING AN  
ABSORBENT COMPOSITE AND  
METHOD OF MAKING THE SAME  
[54] ARTICLE ABSORBANT JETABLE  
CONSTITUE D'UN MATERIAU  
COMPOSITE ABSORBANT ET  
METHODE DE FABRICATION DUDIT  
ARTICLE  
[72] TRUEX, BRYAN I., US  
[72] MIHAYLOV, GUEORGUI MILEV, US  
[72] KIROLLOS, KIROLLOS S., US  
[71] MICROTEQ LLC, US  
[22] 2004-02-18  
[41] 2004-08-18  
[30] US (60/448,437) 2003-02-18

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[21] **2,457,992**  
[13] A1

[51] Int.Cl. 7G06N 3/02 7G06F 19/00  
7G01G 9/00 7G01G 19/00  
[25] EN  
[54] METHOD OF INFERRING  
ROTORCRAFT GROSS WEIGHT  
[54] METHODE DE DETERMINATION  
DE LA MASSE BRUTE D'UN AERONEF  
A VOILURE TOURNANTE  
[72] NOBLE, BARBARA, US  
[72] HESS, ROBERT ALAN, US  
[72] FLYNN, TIMOTHY D., US  
[71] SIMMONDS PRECISION  
PRODUCTS, INC., US  
[22] 2004-02-18  
[41] 2004-08-21  
[30] US (60/449,182) 2003-02-21  
[30] US (60/453,113) 2003-03-07  
[30] US (10/631,934) 2003-07-31

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[21] **2,457,996**  
[13] A1

[51] Int.Cl. 7A61K 35/78 7A61P 7/02  
7A61P 25/28 7A61K 31/70  
[25] EN  
[54] MEDICINAL PREPARATION  
CONTAINING PHENYLETHANOID  
GLYCOSIDES EXTRACTED FROM  
HERBACEOUS PLANT, CISTANCHE  
TUBULOSA (SCHENK.) WIGHT,  
PROCESS OF MAKING THE SAME,  
AND USES OF THE SAME  
[54] PREPARATION MEDICINALE  
CONTENANT DES GLYCOSIDES DE  
PHENYLETHANOL EXTRAITS D'UNE  
PLANTE HERBACEE, CISTANCHE  
TUBULOSA (SCHENK.) WIGHT,  
PROCEDE DE FABRICATION DE  
LADITE PREPARATION ET  
UTILISATION DE CELLE-CI  
[72] TU, PENGFEI, CN  
[72] LEI, LI, CN  
[72] SONG, ZHIHONG, CN  
[71] SINPHAR PHARMACEUTICAL CO.,  
LTD., TW  
[22] 2004-02-17  
[41] 2004-08-18  
[30] TW (92103351) 2003-02-18

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[21] **2,457,997**  
[13] A1

[51] Int.Cl. 7B65B 11/00  
[25] EN  
[54] STRETCH WRAP THREADING  
DEVICE  
[54] ENFILEUR DE FILM ETIRABLE  
[72] COUSINS, NEIL G., CA  
[72] RADOVANOVIC, BORIS, CA  
[72] DAVIDOVIC, SRBISLAV, CA  
[71] COUSINS PACKAGING INC., CA  
[22] 2004-02-18  
[41] 2004-08-18  
[30] US (60/448,215) 2003-02-18

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**August 15, 2004 to August 21, 2004**

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[21] 2,458,013
[13] A1
[51] Int.Cl. 7G09B 25/08 7H05B 33/04
[25] EN
[54] ARTIFICIAL MINIATURE LANDSCAPE MODEL WITH THREE DIMENSIONALLY VARIABLE COLORED LEDS
[54] MODELE MINIATURE DE PAYSAGE ARTIFICIEL AVEC DEL A COULEURS CHANGEANTES EN TROIS DIMENSIONS
[72] CHUANG, HSIEN-TSUNG, CA
[71] CHUANG, HSIEN-TSUNG, CA
[22] 2004-02-17
[41] 2004-08-19
[30] TW (0922 02615) 2003-02-19
[30] TW (0922 20839) 2003-11-25
[30] CN (2003 201244068) 2003-11-28

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[21] 2,458,016
[13] A1
[51] Int.Cl. 7A61K 31/05 7A01N 31/04
7A61P 31/04 7A01N 31/08 7A47K 10/16
7A61K 9/70
[25] EN
[54] PAPER PRODUCT WITH DISINFECTING PROPERTIES
[54] ARTICLE EN PAPIER AVEC PROPRIETES DESINFECTIONNANTES
[72] BUDER, PHILIP, CA
[71] SCOTT PAPER LIMITED, CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/367919) 2003-02-19

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[21] 2,458,022
[13] A1
[51] Int.Cl. 7B67D 5/32
[25] EN
[54] SAFETY SWITCH FOR A WATER DISPENSER
[54] COMMANDE DE SECURITE POUR DISTRIBUTEUR D'EAU
[72] ZHENG, FANG-ZHEN, CN
[71] GD MIDEA HOLDING CO., LTD., CN
[22] 2004-02-19
[41] 2004-08-20
[30] CN (03 2 23679.4) 2003-02-20

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[21] 2,458,024
[13] A1
[51] Int.Cl. 7C07D 277/72
[25] EN
[54] A PROCESS FOR PREPARING STORAGE-STABLE BENZOTHIAZOLYL SULFENAMIDES
[54] METHODE DE PREPARATION DE SULFENAMIDES DE BENZOTHIAZOLYLE STABLES AU STOCKAGE
[72] SLUYTS, DOMIEN, BE
[72] FELIX, LEON, BE
[72] MISSIAEN, PATRICK, BE
[72] GRABOWSKI, STEFAN, DE
[72] PREUSS, REINHARD, BE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2004-02-17
[41] 2004-08-20
[30] DE (10307138.5) 2003-02-20

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[21] 2,458,051
[13] A1
[51] Int.Cl. 7B25G 1/01 7B25C 5/00
[25] EN
[54] MANUAL PERCUSSION OR VIBRATION TOOL WITH TOOL HANDLE
[54] OUTIL MANUEL A PERCUSSION OU A VIBRATIONS AVEC POIGNEE
[72] VETTORETTI, ALAIN, FR
[72] SIMONIN, JEAN-LUC, FR
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR
[22] 2004-02-19
[41] 2004-08-20
[30] FR (03 02092) 2003-02-20

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[21] 2,458,052
[13] A1
[51] Int.Cl. 7E02D 29/02
[25] EN
[54] SYSTEMS AND METHODS FOR CONNECTING REINFORCING MESH TO WALL PANELS
[54] SYSTEMES ET METHODES DE RACCORDEMENT DE GRILLAGE DE RENFORT A DES PANNEAUX MURAUX
[72] RUEL, STEVEN V., US
[71] SSL, LLC, US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,637) 2003-02-19
[30] US (10/781,967) 2004-02-18

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[21] 2,458,053
[13] A1
[51] Int.Cl. 7A61N 7/00
[25] EN
[54] EXTERNALLY-APPLIED HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) FOR THERAPEUTIC TREATMENT
[54] ULTRASONS FOCALISES A HAUTE INTENSITE A APPLICATION EXTERNE AUX FINS DE TRAITEMENT THERAPEUTIQUE
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,381) 2003-02-19

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[21] 2,458,058
[13] A1
[51] Int.Cl. 7E06B 9/264 7E06B 9/32
[25] EN
[54] MAGNETIC TILT AND RAISE/ LOWER MECHANISMS FOR A VENETIAN BLIND
[54] MECANISMES MAGNETIQUES D'INCLINAISON ET D'ELEVATION/ABAISSEMENT POUR STORE VENITIEN
[72] BERGER, DAVID BARRY, CA
[71] SPECIALTY BUILDING PRODUCTS LTD., CA
[22] 2004-02-19
[41] 2004-08-19
[30] US (60/447,688) 2003-02-19
[30] US (60/466,057) 2003-04-28

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[21] 2,458,059
[13] A1
[51] Int.Cl. 7A61B 17/22 7A61N 7/00
[25] EN
[54] EXTERNALLY-APPLIED HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) FOR PULMONARY VEIN ISOLATION
[54] APPLICATION EXTERNE D'ULTRASONS FOCALISES DE HAUTE INTENSITE (HIFU) POUR L'ISOLATION DES VEINES PULMONAIRES
[72] GOVARI, ASSAF, IL
[72] SCHWARTZ, YITZHACK, IL
[71] BIOSENSE WEBSTER, INC., US
[22] 2004-02-19
[41] 2004-08-19
[30] US (10/370,134) 2003-02-19

**Demandes canadiennes mises à la disponibilité du public**  
**15 août 2004 au 21 août 2004**

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[21] **2,458,062**  
[13] A1

[51] Int.Cl. 7C03C 25/26 7D06N 5/00  
**7B32B 17/04**  
[25] EN  
[54] WATER REPELLANT  
FIDERGLASS BINDER  
[54] LIANT HYDROFUGE A FIBRES DE  
VERRE  
[72] TAYLOR, THOMAS J., US  
[72] MIELE, PHILIP FRANCIS, US  
[72] WANG, LANCE, US  
[71] JOHNS MANVILLE  
INTERNATIONAL, INC., US  
[22] 2004-02-19  
[41] 2004-08-20  
[30] US (10/370,982) 2003-02-20

[21] **2,458,063**  
[13] A1

[51] Int.Cl. 7E03D 1/30  
[25] EN  
[54] TOILET FLUSHERS WITH  
MODULAR DESIGN  
[54] CHASSES D'EAU MODULAIRES  
[72] PARSONS, NATAN E., US  
[72] BRAGG, JOHN F., US  
[72] GULER, FAITH, US  
[72] CATTAFE, MICHAEL D., US  
[72] MARCICHOW, MARTIN E., US  
[72] HERBERT, KAY, US  
[71] ARICHELL TECHNOLOGIES, INC.,  
US  
[71] SLOAN VALVE COMPANY, US  
[22] 2004-02-19  
[41] 2004-08-20  
[30] US (60/448995) 2003-02-20

[21] **2,458,071**  
[13] A1

[51] Int.Cl. 7B27M 3/00 7B32B 21/13  
[25] EN  
[54] WOODEN BRICK  
[54] BRIQUE DE BOIS  
[72] RYAN, MARVIN, CA  
[71] MCRYAN ENGINEERED WOOD  
PRODUCTS LTD., CA  
[22] 2004-02-20  
[41] 2004-08-21  
[30] US (60/448,455) 2003-02-21

[21] **2,458,095**  
[13] A1

[51] Int.Cl. 7E03C 1/04 7F16K 35/04  
**7F16K 11/078 7F16K 31/60**  
[25] EN  
[54] SINGLE-CONTROL MIXER TAP  
WITH IMPROVED FLOW  
ADJUSTMENT  
[54] MITIGEUR MONOCOMMANDE  
AVEC REGLAGE DU DEBIT  
AMELIORE  
[72] PIZZI, UGO, IT  
[71] PIZZI, UGO, IT  
[22] 2004-02-19  
[41] 2004-08-20  
[30] IT (MI2003A000305) 2003-02-20

[21] **2,458,107**  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] FRICTION REDUCING AGENT  
FOR LOADING A SELF-EXPANDING  
STENT  
[54] REDUCTEUR DE FROTTEMENTS  
POUR POSE D'UNE ENDOPROTHESE  
AUTO-EXPANSIBLE  
[72] WIDENHOUSE, WILLIAM, US  
[72] PARKER, JONATHAN GEORGE, US  
[72] JACKSON, KAREN PAULETTE, US  
[71] CORDIS CORPORATION, US  
[22] 2004-02-20  
[41] 2004-08-20  
[30] US (10/370,667) 2003-02-20

[21] **2,458,108**  
[13] A1

[51] Int.Cl. 7A47G 27/04 7D06C 3/00  
[25] EN  
[54] CARPET STRETCHER, CONTROL  
APPARATUS FOR THE CARPET  
STRETCHER, AND KNEE-  
PROTECTING MEMBER FOR THE  
CARPET STRETCHER  
[54] TENDEUR DE TAPIS AVEC  
DISPOSITIF DE COMMANDE ET  
PROTEGE-GENOU  
[72] DALEY, SHAWN BRUCE JOSEPH,  
CA  
[72] HAN, DONG HYUN, KR  
[72] HWANG, MYUNG WON, KR  
[71] KORDIANTOOLS CO., LTD., KR  
[22] 2004-02-20  
[41] 2004-08-20  
[30] KR (2003-10719) 2003-02-20

[21] **2,458,071**  
[13] A1

[21] **2,458,106**  
[13] A1

[51] Int.Cl. 7B60D 1/06 7B60D 1/07  
[25] EN  
[54] DISPLACABLE BALL HITCH  
ASSEMBLY AND METHOD FOR THE  
SAME  
[54] ROTULE ET METHODE  
D'ATTELAGE MOBILE  
[72] COLIBERT, FLOYD A. (DECEASED),  
US  
[72] COLIBERT, GREGORY J., US  
[71] COLIBERT ENTERPRISES, US  
[22] 2004-02-19  
[41] 2004-08-19  
[30] US (60/448,962) 2003-02-19  
[30] US (10/782,707) 2004-02-18

[21] **2,458,113**  
[13] A1

[51] Int.Cl. 7G06F 17/40 7G01D 21/00  
**7G06F 3/05**  
[25] EN  
[54] MEASUREMENT UNIT  
[54] APPAREIL DE MESURE  
[72] PETERS, MICHAEL, DE  
[71] ALSTOM TECHNOLOGY LTD, CH  
[22] 2004-02-19  
[41] 2004-08-19  
[30] DE (103 07 118.0) 2003-02-19  
[30] CH (2003 0386/03) 2003-03-12

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**August 15, 2004 to August 21, 2004**

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[21] **2,458,120**  
 [13] A1  
 [51] Int.Cl. 7C08C 19/22 7B60C 1/00  
**7C08L 15/00 7C08J 3/24**  
 [25] EN  
**CROSSLINKED RUBBER PARTICLES MODIFIED BY AMINO(METH)ACRYLATE GROUPS**  
**PARTICULES DE CAOUTCHOUC VULCANISE MODIFIEES PAR DES GROUPES AMINO(METH)ACRYLATE**  
 [72] JESKE, WINFRIED, DE  
 [72] KOEHLER, BURKHARD, DE  
 [72] OBRICHT, WERNER, DE  
 [71] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 2004-02-17  
 [41] 2004-08-20  
 [30] DE (10307139.3) 2003-02-20

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[21] **2,458,125**  
 [13] A1  
 [51] Int.Cl. 7C08L 9/02 7C08J 5/00 7C08J 5/12 7C08J 3/24  
 [25] EN  
**HYDROGENATED NITRILE BUTADIENE RUBBER**  
**CAOUTCHOUC NITRILE-BUTADIENE HYDROGENE**  
 [72] ACHTEN, DIRK, DE  
 [71] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 2004-02-17  
 [41] 2004-08-20  
 [30] DE (10307137.7) 2003-02-20

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[21] **2,458,128**  
 [13] A1  
 [51] Int.Cl. 7A61J 1/10 7G01N 1/10 7A61B 5/15  
 [25] EN  
**A BAG SYSTEM COMPRISING A MEANS OF ASSOCIATING SAMPLING RECEPTACLES**  
**SISTÈME À SACS PERMETtant D'ASSOCIER DES CONTENANTS DE PRELEVEMENT**  
 [72] VERPOORT, THIERRY, FR  
 [72] GOUDALIEZ, FRANCIS, FR  
 [72] DEMAY, SYLVIE, FR  
 [71] MACO PHARMA, FR  
 [22] 2004-02-17  
 [41] 2004-08-19  
 [30] FR (03 02034) 2003-02-19

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[21] **2,458,133**  
 [13] A1  
 [51] Int.Cl. 7G01N 30/56 7G01N 30/02  
 [25] EN  
**PACKINGS FOR LIQUID CHROMATOGRAPHY, PROCESS FOR PREPARING AND USAGE**  
**GARNISSAGES DE COLONNE DE CHROMATOGRAPHIE LIQUIDE, MÉTHODE DE PRÉPARATION ET UTILISATION CONNEXES**  
 [72] URANO, TAKESHI, JP  
 [71] DAISO CO., LTD., JP  
 [22] 2004-02-17  
 [41] 2004-08-18  
 [30] JP (2003-039244) 2003-02-18

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[21] **2,458,134**  
 [13] A1  
 [51] Int.Cl. 7H01L 29/43 7H01L 29/41  
 [25] EN  
**NITRIDE SEMICONDUCTOR DEVICE**  
**DISPOSITIF A SEMICONDUCTEURS A BASE DE NITRURE**  
 [72] YONEDA, AKINORI, JP  
 [72] SUGIMOTO, YASUNOBU, JP  
 [71] NICHIA CORPORATION, JP  
 [22] 2004-02-19  
 [41] 2004-08-19  
 [30] JP (2003-41060) 2003-02-19

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[21] **2,458,136**  
 [13] A1  
 [51] Int.Cl. 7B65D 30/08 7B65B 43/04 7B65B 51/10 7B65D 30/14 7B32B 27/28 7B65D 65/40  
 [25] EN  
**HEAT-SHRINKABLE PACKAGING**  
**EMBALLAGE THERMORETRACTABLE**  
 [72] SCHELL, THOMAS ANDREW, US  
 [72] POCKAT, GREGORY ROBERT, US  
 [72] BUSCHE, DAVID A., US  
 [71] CURWOOD, INC., US  
 [22] 2004-02-19  
 [41] 2004-08-20  
 [30] US (10/371,950) 2003-02-20  
 [30] US (10/645,186) 2003-08-21

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[21] **2,458,139**  
 [13] A1  
 [51] Int.Cl. 7H01M 8/24 7H01M 8/04  
 [25] EN  
**POLYMER ELECTROLYTE FUEL CELL**  
**PILE A COMBUSTIBLE A ELECTROLYTE POLYMÈRE**  
 [72] TAKEGUCHI, SHINSUKE, JP  
 [72] SHIBATA, SOICHI, JP  
 [72] KOBAYASHI, SUSUMU, JP  
 [72] HATOH, KAZUHITO, JP  
 [72] OHARA, HIIDEO, JP  
 [72] MATSUMOTO, TOSHIHIRO, JP  
 [72] KUSAKABE, HIROKI, JP  
 [72] KOKAWA, KATSUZOU, JP  
 [72] TOMIZAWA, TAKESHI, JP  
 [72] KANBARA, TERUHISA, JP  
 [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
 [22] 2004-02-19  
 [41] 2004-08-20  
 [30] JP (2003-043004) 2003-02-20  
 [30] JP (2003-108880) 2003-04-14

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[21] **2,458,144**  
 [13] A1  
 [51] Int.Cl. 7E21B 43/08 7E21B 43/12  
 [25] EN  
**SCREEN ASSEMBLY WITH FLOW THROUGH CONNECTORS**  
**ENSEMBLE DE GRILLAGES AVEC CONNECTEURS DE PASSAGE**  
 [72] BODE, JEFFREY, US  
 [72] FISHBECK, CRAIG, US  
 [72] DAILEY, TYSON L., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-02-17  
 [41] 2004-08-21  
 [30] US (10/372,631) 2003-02-21

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[21] **2,458,151**  
 [13] A1  
 [51] Int.Cl. 7C03C 25/28 7C08L 61/06  
 [25] EN  
**FATTY ACID CONTAINING FIBERGLASS BINDER**  
**LIANT POUR FIBRE DE VERRE CONTENANT UN ACIDE GRAS**  
 [72] TAYLOR, THOMAS J., US  
 [71] JOHNS MANVILLE INTERNATIONAL, INC., US  
 [22] 2004-02-19  
 [41] 2004-08-20  
 [30] US (10/370,983) 2003-02-20

**Demandes canadiennes mises à la disponibilité du public**  
**15 août 2004 au 21 août 2004**

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[21] **2,458,153**  
[13] A1

[51] Int.Cl. 7B62D 49/08 7B62D 55/00  
7A01D 46/28 7B60N 2/38  
[25] EN  
[54] PERSONAL ALL TERRAIN  
VEHICLE  
[54] VEHICULE PERSONNEL TOUT  
TERRAIN  
[72] ROSSET, RENE RAYMOND, CA  
[72] ENNES, JOHN LAURENCE, CA  
[72] GRYWACHESKI, STANLEY  
LAWRENCE, CA  
[71] TOLAINI, LOUIS, CA  
[22] 2004-02-19  
[41] 2004-08-19  
[30] US (60/447,725) 2003-02-19

[21] **2,458,166**  
[13] A1

[51] Int.Cl. 7B08B 6/00 7B03C 1/02 7A47L  
13/40 7A47L 13/41  
[25] EN  
[54] MAGNET SWEEP  
[54] MANCHE A AIMANT  
[72] PESTONE, WILLIAM J., US  
[71] LEHIGH CONSUMER PRODUCTS  
CORPORATION, US  
[22] 2004-02-20  
[41] 2004-08-20  
[30] US (60/448,751) 2003-02-20

[21] **2,458,172**  
[13] A1

[51] Int.Cl. 7A61K 31/436 7A61F 2/00  
7A61P 9/00 7A61L 31/04 7A61L 31/10  
7A61L 31/16  
[25] EN  
[54] COATED MEDICAL DEVICES  
[54] DISPOSITIFS MEDICAUX  
ENROBES  
[72] SCHEUBLE, THERESA, US  
[72] ROTH, NOAH M., US  
[72] RUSH, SCOTT LYLE, US  
[71] CORDIS CORPORATION, US  
[22] 2004-02-20  
[41] 2004-08-20  
[30] US (10/371,925) 2003-02-20

[21] **2,458,173**  
[13] A1

[51] Int.Cl. 7B65D 85/20 7B65D 85/62  
[25] EN  
[54] APPARATUS AND METHOD FOR  
STORING OR SHIPPING ELONGATED  
MEMBERS  
[54] DISPOSITIF ET METHODE  
D'ENTREPOSAGE ET D'EXPEDITION  
DE PIECES ALLONGEES  
[72] ERNST, HUGO A., AR  
[72] DAPINO, GUILLERMO OSCAR, AR  
[72] PACHAO-MORBITZER, NELSON  
MARIO, AR  
[71] SIDERCA S.A.I.C., AR  
[22] 2004-02-20  
[41] 2004-08-20  
[30] US (10/368,601) 2003-02-20

[21] **2,458,185**  
[13] A1

[51] Int.Cl. 7G01L 1/24  
[25] EN  
[54] SIDE-HOLE CANE WAVEGUIDE  
SENSOR  
[54] CAPTEUR DE GUIDE D'ONDES DE  
TIGE A ORIFICE LATERAL  
[72] KERSEY, ALAN D., US  
[72] MAIDA, JOHN L., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-02-20  
[41] 2004-08-21  
[30] US (10/371,910) 2003-02-21

[21] **2,458,186**  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] DIMENSION-BASED  
PARTITIONED CUBE  
[54] CUBE PARTITIONNE EN  
FONCTION DES DIMENSIONS  
[72] POTTER, CHARLES MICHAEL, CA  
[72] ZELENKA, JOSEPH, CA  
[72] MOFFAT, DONALD, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2004-02-20  
[41] 2004-08-21  
[30] CA (2,419,502) 2003-02-21

[21] **2,458,192**  
[13] A1

[51] Int.Cl. 7H04L 12/28 7H04Q 7/20  
[25] EN  
[54] MULTI-HOP COMMUNICATION  
SYSTEM, RADIO CONTROL STATION,  
RADIO STATION AND MULTI-HOP  
COMMUNICATION METHOD  
[54] SYSTEME DE COMMUNICATION  
A PLUSIEURS BONDS, STATION DE  
COMMANDE RADIO, STATION RADIO  
ET METHODE DE COMMUNICATION  
A PLUSIEURS BONDS  
[72] TAKEDA, SHINJI, JP  
[72] FUJIWARA, ATSUSHI, JP  
[72] YOSHINO, HITOSHI, JP  
[72] OTSU, TORU, JP  
[71] NTT DOCOMO, INC., JP  
[22] 2004-02-20  
[41] 2004-08-21  
[30] JP (P 2003-044945) 2003-02-21

[21] **2,458,196**  
[13] A1

[51] Int.Cl. 7B01D 29/39 7B01D 35/30  
7G01N 1/34  
[25] EN  
[54] FILTER FOR MEDICAL AND  
LABORATORY USE, ESPECIALLY FOR  
BLOOD ANALYSIS AND THE LIKE  
[54] FILTRE POUR USAGE MEDICAL  
OU UTILISATION EN LABORATOIRE,  
PARTICULIEREMENT POUR  
L'ANALYSE DE SANG ET D'AUTRES  
FINS SEMBLABLES  
[72] CHIGA, ANTONIO, FR  
[71] FILTERTEK INC., US  
[22] 2004-02-20  
[41] 2004-08-21  
[30] DE (DE 2003 02 819.8) 2003-02-21

[21] **2,458,246**  
[13] A1

[51] Int.Cl. 7E21B 47/024 7G01V 3/26  
[25] EN  
[54] PASSIVE RANGING TECHNIQUES  
IN BOREHOLE SURVEYING  
[54] TECHNIQUES DE TELEMETRIE  
PASSIVE EN PROSPECTION PAR  
TROU DE FORAGE  
[72] MCLEHINNEY, GRAHAM, GB  
[71] PATHFINDER ENERGY SERVICES,  
INC., US  
[22] 2004-02-18  
[41] 2004-08-18  
[30] US (10/368,257) 2003-02-18

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[21] **2,458,250**  
 [13] A1  
 [51] Int.Cl. 7F21S 4/00 7F21V 21/00  
 [25] EN  
**MASTER-SATELLITE RETROFIT ASSEMBLY AND METHOD OF RETROFITTING RECESSED LIGHT FIXTURES**  
**[54] ENSEMBLE DE RATTRAPAGE MAITRE-SATELLITE ET METHODE DE RATTRAPAGE DE LUMINAIRES ENCASTRES**  
 [72] PLUNK, CARLTON B., US  
 [71] GENLYTE THOMAS GROUP LLC, US  
 [22] 2004-02-17  
 [41] 2004-08-21  
 [30] US (10/372,426) 2003-02-21

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 [13] A1  
 [51] Int.Cl. 7E21B 47/024 7G01V 3/18  
 [25] EN  
**DOWNHOLE REFERENCING TECHNIQUES IN BOREHOLE SURVEYING**  
**[54] TECHNIQUES DE REFERENCE DE FOND DE TROU EN DIAGRAPHIE DE PUITS**  
 [72] MCELHINNEY, GRAHAM, GB  
 [71] PATHFINDER ENERGY SERVICES, INC., US  
 [22] 2004-02-18  
 [41] 2004-08-18  
 [30] US (10/369,353) 2003-02-18

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 [13] A1  
 [51] Int.Cl. 7B62D 65/18 7B65G 49/00  
 [25] EN  
**CONVEYANCE APPARATUS**  
**[54] TRANSPORTEUR**  
 [72] SHIMOMURA, NOBORU, JP  
 [72] NII, TOSHIO, JP  
 [72] SAWADA, TOMOKI, JP  
 [72] MIYAKE, YASUHIRO, JP  
 [72] SHIBATA, KENICHI, JP  
 [71] DAIFUKU CO., LTD., JP  
 [22] 2004-02-18  
 [41] 2004-08-18  
 [30] JP (2003-039052) 2003-02-18

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 [13] A1  
 [51] Int.Cl. 7A47B 87/02  
 [25] EN  
**MODULAR FURNITURE MOBILIER MODULAIRE**  
 [72] WINKLESS, CHRISTINE, CA  
 [71] WINKLESS, CHRISTINE, CA  
 [22] 2004-02-23  
 [41] 2004-08-21  
 [30] US (10/369,666) 2003-02-21

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[21] **2,458,420**  
 [13] A1  
 [51] Int.Cl. 7A62D 3/00 7C02F 3/00  
**7C12M 1/00 7C12S 13/00 7B09C 1/10**  
 [25] EN  
**XENOBIOTIC DEGRADATION IN A PARTITIONING BIOREACTOR IN WHICH THE PARTITIONING PHASE IS A POLYMER**  
**[54] DEGRADATION XENOBIOTIQUE DANS UN BIOREACTEUR DE SEPARATION DANS LEQUEL LA PHASE DE SEPARATION EST UN POLYMER**  
 [72] DAUGULIS, ANDREW J., CA  
 [72] AMSDEN, BRIAN, CA  
 [71] DAUGULIS, ANDREW J., CA  
 [71] AMSDEN, BRIAN, CA  
 [22] 2004-02-18  
 [41] 2004-08-19  
 [30] US (10/367,822) 2003-02-19

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[21] **2,458,425**  
 [13] A1  
 [51] Int.Cl. 7C03C 17/06 7C03C 21/00  
 [25] EN  
**ANTIMICROBIAL GLASS AND GLASS-LIKE PRODUCTS AND METHOD OF PREPARING SAME**  
**[54] PRODUITS ANTIMICROBIENS EN VERRE OU AYANT L'APPARENCE DU VERRE ET METHODE DE PREPARATION DE CEUX-CI**  
 [72] ALBACH, EBERHARD R., US  
 [71] GEMTRON CORPORATION, US  
 [22] 2004-02-18  
 [41] 2004-08-20  
 [30] US (10/368,591) 2003-02-20

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[21] **2,458,427**  
 [13] A1  
 [51] Int.Cl. 7G10L 21/02 7G10K 11/16  
 [25] EN  
**SYSTEM FOR SUPPRESSING WIND NOISE**  
**[54] SUPPRESSEUR DE BRUIT DU VENT**  
 [72] HETHERINGTON, PHILLIP, CA  
 [72] LI, XUEMAN, CA  
 [72] ZAKARAUSKAS, PIERRE, CA  
 [71] HARMAN BECKER AUTOMOTIVE SYSTEMS - WAVEMAKERS, INC., CA  
 [22] 2004-02-18  
 [41] 2004-08-21  
 [30] US (60/449511) 2003-02-21  
 [30] US (10/410,736) 2003-04-10

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 [13] A1  
 [51] Int.Cl. 7G10L 21/02 7G10K 11/16  
 [25] EN  
**SYSTEM FOR SUPPRESSING WIND NOISE**  
**[54] SUPPRESSEUR DE BRUIT DU VENT**  
 [72] LI, XUEMAN, CA  
 [72] HETHERINGTON, PHILLIP, CA  
 [72] ZAKARAUSKAS, PIERRE, CA  
 [71] HARMAN BECKER AUTOMOTIVE SYSTEMS - WAVEMAKERS, INC., CA  
 [22] 2004-02-18  
 [41] 2004-08-21  
 [30] US (60/449511) 2003-02-21  
 [30] US (10/410,736) 2003-04-10  
 [30] US (10/688802) 2003-10-16

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 [13] A1  
 [51] Int.Cl. 7E21B 34/08  
 [25] EN  
**BY-PASS VALVE MECHANISM AND METHOD OF USE HEREOF**  
**[54] MECANISME DE SOUPAPE DE DERIVATION ET METHODE D'UTILISATION**  
 [72] BISSONNETTE, H. STEVEN, US  
 [72] RYDER, KEITH A., US  
 [72] MCKEE, L. MICHAEL, US  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
 [22] 2004-02-18  
 [41] 2004-08-19  
 [30] US (60/448,334) 2003-02-19  
 [30] US (USSN 10/772,616) 2004-02-05

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**15 août 2004 au 21 août 2004**

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[13] A1

[51] Int.Cl. 7A61B 5/15 7A61H 7/00  
[25] EN  
[54] ENDCAP FOR LANCING DEVICE AND METHOD OF USE  
[54] CAPUCHON POUR LANCETTE ET METHODE D'UTILISATION  
[72] KHEIRI, MOHAMMAD A., US  
[71] BAYER HEALTHCARE LLC, US  
[22] 2004-02-18  
[41] 2004-08-19  
[30] US (60/447,818) 2003-02-19

[21] **2,458,437**  
[13] A1

[51] Int.Cl. 7G08C 13/00  
[25] EN  
[54] HIGH-SPEED ISOLATED PORT  
[54] PORT ISOLE HAUTE VITESSE  
[72] RICHARDS, TIMOTHY, US  
[72] VANDENBERG, DENNIS, US  
[72] GILLILAND, DOUGLAS G., US  
[71] ADC DSL SYSTEMS, INC., US  
[22] 2004-02-18  
[41] 2004-08-18  
[30] US (10/370,161) 2003-02-18

[21] **2,458,791**  
[13] A1

[51] Int.Cl. 7H01H 83/00 7H01H 71/50  
7H01R 13/713  
[25] EN  
[54] RECEPTACLE DEVICE HAVING CIRCUIT INTERRUPTING AND REVERSE WIRING PROTECTION  
[54] DISPOSITIF DE PRISE DE COURANT A INTERRUPTION DE CIRCUIT ET A PROTECTION EN CAS D'INVERSION DE CABLAGE  
[72] LI, CHENGLI, CN  
[72] HUANG, HUADAO, CN  
[71] SHANGHAI MEIAO ELECTRIC INC., CN  
[22] 2004-02-16  
[41] 2004-08-20  
[30] US (10/368,429) 2003-02-20

[21] **2,458,874**  
[13] A1

[51] Int.Cl. 7A01F 29/20  
[25] EN  
[54] BALE PROCESSOR WITH PRE-DISTEGRATOR  
[54] DECOMPACTEUSE DE BALLES A PRE-DESINTEGRATION  
[72] LEPAGE, CHARLES, CA  
[71] HIGHLINE MFG. INC., CA  
[22] 2004-03-16  
[41] 2004-08-15

[21] **2,459,073**  
[13] A1

[51] Int.Cl. 7B60N 2/005  
[25] EN  
[54] SEAT FOR MOTOR VEHICLE  
[54] SIEGE POUR VEHICULE  
MOTORISE  
[72] SWIFT, MICHEL, CA  
[71] SWIFT, MICHEL, CA  
[22] 2004-02-23  
[41] 2004-08-21  
[30] US (60/448,539) 2003-02-21

[21] **2,458,891**  
[13] A1

[51] Int.Cl. 7H01J 61/02 7H01J 61/36  
[25] EN  
[54] LOW-PRESSURE DISCHARGE LAMP  
[54] LAMPE A DECHARGE A BASSE PRESSION  
[72] NOLL, THOMAS, DE  
[72] HILSCHER, ACHIM, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2004-02-17  
[41] 2004-08-17  
[30] DE (103 06 584.9) 2003-02-17

[21] **2,462,246**  
[13] A1

[51] Int.Cl. 7B65H 75/40  
[25] EN  
[54] CORD ORGANIZER AND METHOD OF USING THE SAME  
[54] DISPOSITIF D'ORGANISATION DE FILS ET METHODE D'UTILISATION  
[72] RICHARDSON, RONALD, CA  
[71] RICHARDSON, RONALD, CA  
[22] 2004-03-29  
[41] 2004-08-17

[21] **2,463,059**  
[13] A1

[51] Int.Cl. 7A01G 9/12  
[25] EN  
[54] PLANT SUPPORT ADAPTED FOR LIFTING AND CARRYING A PLANT CONTAINER  
[54] SUPPORT POUR PLANTES ADAPTE AU LEVAGE ET AU TRANSPORT D'UN CONTENANT DE PLANTES  
[72] VOOGT, ERIC EVERT, CA  
[71] VOOGT, ERIC EVERT, CA  
[22] 2004-04-01  
[41] 2004-08-17  
[30] US (60/459,640) 2003-04-03  
[30] US (60/472,788) 2003-05-23

[21] **2,458,978**  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] EN  
[54] SYSTEM AND METHOD FOR IMPROVING THE EFFICIENCY OF ROUTERS ON THE INTERNET AND/OR CELLULAR NETWORKS AND/OR OTHER NETWORKS AND ALLEVIATING BOTTLENECKS AND OVERLOADS ON THE NETWORK  
[54] SYSTEME ET METHODE POUR AMELIORER L'EFFICACITE DES ROUTEURS SUR INTERNET ET/OU SUR LES RESEAUX CELLULAIRES ET/OU SUR D'AUTRES RESEAUX ET POUR REDUIRE LE CONGESTIONNEMENT ET LES SURCHARGES DE RESEAU  
[72] MAYER, YARON, IL  
[72] BAUR, AI J. C., IL  
[71] MAYER, YARON, IL  
[71] BAUR, AI J. C., IL  
[22] 2004-02-17  
[41] 2004-08-17  
[30] US (10/375,208) 2003-02-17  
[30] CA (2,443,036) 2003-09-14  
[30] CA (2,444,774) 2003-09-29

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[21] **2,463,117**

[13] A1

[51] Int.Cl. 7H04N 5/335 7H04N 5/247  
7H04N 5/28 7H04N 5/907

[25] EN

[54] **COMPREHENSIVE PERSONAL PERSPECTIVE DIGITAL CAMERA INCLUDING RECORDER**  
[54] **CAMERA NUMERIQUE A PERSPECTIVE PERSONNELLE COMPLETE COMPRENANT UN ENREGISTREUR**

[72] MCCLURE, STEPHEN A., CA

[72] COWAN, PETER C., CA

[72] MACFARLANE, ROSS, CA

[71] MCCLURE, STEPHEN A., CA

[71] COWAN, PETER C., CA

[71] MACFARLANE, ROSS, CA

[22] 2004-04-15

[41] 2004-08-17

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[13] A1

[51] Int.Cl. 7C07D 317/12 7A61P 35/00  
7C12P 13/00 7C12P 1/04 7C12P 17/06  
7C07C 279/08 7A61P 31/10 7C12P 17/10  
7C07C 237/12 7C07C 237/18 7A61K 31/  
197 7A61K 31/336 7A61K 31/341 7C12P 7/  
40 7C07D 213/81

[25] EN

[54] **POLYENE POLYKETIDES, PROCESSES FOR THEIR PRODUCTION AND THEIR USE AS PHARMACEUTICALS**  
[54] **POLYCETIDES POLYENIQUES, METHODES DE PRODUCTION CONNEXES ET UTILISATION DESDITS PRODUITS COMME AGENTS PHARMACEUTIQUES**

[72] MCALPINE, JAMES B., CA

[72] BACHMANN, BRIAN O., US

[72] ZAZOPOULOS, EMMANUEL, CA

[72] FARINET, CHRIS M., CA

[71] ECOPIA BIOSCIENCES INC., CA

[22] 2004-05-13

[41] 2004-08-16

[30] US (USSN 60/469,810) 2003-05-13

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7H01M 2/08 7H01M 8/24  
[25] EN  
[54] SEALS FOR FUEL CELLS AND FUEL CELL STACKS  
[54] JOINTS POUR PILES A COMBUSTIBLE ET EMPILEMENTS DE PILES A COMBUSTIBLE  
[72] MAXSON, MYRON, US  
[72] HERRING, RANDALL, US  
[72] FRISCH, LAWRENCE, US  
[71] DOW CORNING CORPORATION, US  
[85] 2004-04-16  
[86] 2002-10-03 (PCT/US2002/031435)  
[87] 2003-04-24 (WO2003/034526)  
[30] US (09/978,293) 2001-10-16

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[21] **2,463,936**  
[13] A1

[51] Int.Cl. 7A61N 1/36 7A61N 1/04  
7A61N 1/05 7A61N 1/18  
[25] EN  
[54] ELECTRO-NERVE STIMULATOR SYSTEM AND METHODS  
[54] SYSTEME ET PROCEDES DE NEUROSTIMULATEUR ELECTRIQUE  
[72] VAN DEN BIGGELAAR, HANS, NL  
[72] VAN AART, FRED, NL  
[72] WILLIAMS, JEFFREY M., US  
[72] VAN HELVOIRT, PIET (DECEASED), NL  
[71] CYSTOMEDIX, INC., US  
[85] 2004-04-15  
[86] 2002-10-18 (PCT/US2002/033318)  
[87] 2003-04-24 (WO2003/033068)  
[30] US (60/336,074) 2001-10-18

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[13] A1

[51] Int.Cl. 7G01S 15/00 7A61B 8/12  
7G01S 15/89  
[25] EN  
[54] ULTRASOUND RANGING FOR LOCALIZATION OF IMAGING TRANSDUCER  
[54] TELEMETRIE A ULTRASONS POUR LOCALISER L'IMAGERIE PAR TRANSDUCTEUR  
[72] WILLIS, N. PARKER, US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-05-10  
[86] 2003-11-25 (PCT/US2003/037842)  
[87] 2004-06-13 (WO2004/054450)  
[30] US (10/318,571) 2002-12-13

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[21] **2,465,689**  
[13] A1

[51] Int.Cl. 7H04L 12/16 7H04N 7/173  
[25] EN  
[54] EFFICIENT SOFTWARE BITSTREAM RATE GENERATOR FOR VIDEO SERVER  
[54] GENERATEUR DE DEBIT DE TRAINS DE BITS, A L'AIDE D'UN LOGICIEL EFFICACE, DESTINE A UN SERVEUR VIDEO  
[72] TAYLOR, CLEMENT G., US  
[72] FREDERICKSON, JAMES, US  
[71] TVGATEWAY, LLC, US  
[85] 2004-02-24  
[86] 2002-09-11 (PCT/US2002/028807)  
[87] 2003-03-20 (WO2003/024111)  
[30] US (60/318,683) 2001-09-12  
[30] US (10/238,398) 2002-09-10

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[13] A1

[51] Int.Cl. 7C12N 15/00 7A61K 45/00  
7A61P 25/00 7A61P 43/00 7A61P 3/04  
7A61P 37/08 7C12N 9/90  
[25] EN  
[54] THREE-DIMENSIONAL STRUCTURE OF PROSTAGLANDIN D SYNTHASE AND UTILIZATION THEREOF  
[54] STRUCTURE TRIDIMENSIONNELLE DE PROSTAGLANDINE SYNTHASE D ET SON UTILISATION  
[72] MATSUMURA, HIROYOSHI, JP  
[72] KUMASAKA, TAKASHI, JP  
[72] MIYANO, MASASHI, JP  
[72] IRIKURA, DAISUKE, JP  
[72] YAMAMOTO, MASAKI, JP  
[72] OKANO, YOUSUKE, JP  
[72] KINUGASA, SHIGEHIRO, JP  
[72] URADE, YOSHIHIRO, JP  
[72] KAI, YASUSHI, JP  
[72] INOUE, TSUYOSHI, JP  
[72] HAYASHI, OSAMU, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[71] RIKEN, JP  
[71] OSAKA BIOSCIENCE INSTITUTE, JP  
[85] 2004-05-05  
[86] 2002-09-27 (PCT/JP2002/009994)  
[87] 2003-05-22 (WO2003/042381)  
[30] JP (2001/346035) 2001-11-12

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[21] 2,466,270  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] MEDICAL DEVICE DELIVERY SYSTEM  
[54] SYSTEME D'ADMINISTRATION DE DISPOSITIF MEDICAL  
[72] GARRISON, MIKE, US  
[72] HOFFA, ANDREW K., US  
[72] LEONARD, RAY II, US  
[72] PAVCNIK, DUSAN, US  
[72] FLAGLE, JACOB A., US  
[72] DIXON, CHRISTOPHER G., US  
[72] CASE, BRIAN C., US  
[71] COOK INCORPORATED, US  
[71] OREGON HEALTH AND SCIENCE UNIVERSITY, US  
[85] 2004-05-05  
[86] 2002-11-27 (PCT/US2002/038289)  
[87] 2003-06-05 (WO2003/045275)  
[30] US (60/338,714) 2001-11-29

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[13] A1

[51] Int.Cl. 7F28F 9/00 7F28D 1/00 7F28D 7/00 7F28F 9/02  
[25] EN  
[54] HEAT EXCHANGER ASSEMBLY AND HEAT EXCHANGE MANIFOLD  
[54] ENSEMBLE ECHANGEUR DE CHALEUR ET COLLECTEUR D'ECHANGEUR DE CHALEUR  
[72] LEE, JAE HYUK, KR  
[71] ALMA TECHNOLOGY CO., LTD., KR  
[85] 2004-07-21  
[86] 2002-07-18 (PCT/IB2002/003701)  
[87] 2003-02-13 (WO2003/012357)  
[30] KR (2001-21998) 2001-07-20  
[30] KR (2001-22000) 2001-07-20

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[21] 2,468,143  
[13] A1

[51] Int.Cl. 7H04L 29/08 7H04L 29/06 7G06F 17/30  
[25] EN  
[54] COMMUNICATION SYSTEM AND METHOD FOR DATA WEB SESSION TRANSFER  
[54] SYSTEME DE COMMUNICATION ET PROCEDE DE TRANSFERT DE SESSION WEB DE DONNEES  
[72] GARDNER, MICHAEL ROBERT, GB  
[72] SHAHI, ANUROOP, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-05-19  
[86] 2003-01-14 (PCT/GB2003/000090)  
[87] 2003-07-31 (WO2003/063451)  
[30] EP (02250380.9) 2002-01-21

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[13] A1

[51] Int.Cl. 7A61K 31/325 7A61K 31/352 7A61K 31/40 7A61K 31/4035 7A61K 31/404 7A61K 31/41 7A61K 31/415 7A61K 31/4192 7A61K 31/4196 7A61K 31/42 7A61K 31/423 7A61K 31/428 7A61K 31/44 7A61K 31/495 7A61K 31/505  
[25] EN  
[54] COMPOUNDS AND USES THEREOF FOR DECREASING ACTIVITY OF HORMONE-SENSITIVE LIPASE  
[54] COMPOSES RALEMENTISSANT L'ACTIVITE DE LA LIPASE HORMONO-SENSIBLE  
[72] CORNELIS DE JONG, JOHANNES, DK  
[72] EBDRUP, SOREN, DK  
[72] HANSEN, HOLGER CLAUS, DK  
[72] JACOBSEN, POUL, DK  
[72] VEDSO, PER, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2004-06-10  
[86] 2002-12-13 (PCT/DK2002/000852)  
[87] 2003-06-26 (WO2003/051841)  
[30] DK (PA 2001 01879) 2001-12-14  
[30] DK (PA 2002 00645) 2002-04-30  
[30] DK (PA 2002 01000) 2002-06-27  
[30] DK (PA 2002 01562) 2002-10-11

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[54] SPECULUM OCULAIRE  
[72] SINDING, PAUL, GB  
[71] FULCRUM (MEDICAL DEVICES) LIMITED, GB  
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[30] GB (0129521.1) 2001-12-10

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[25] EN  
[54] REVERSE-MICELLAR DELIVERY SYSTEM FOR CONTROLLED TRANSPORTATION AND ENHANCED ABSORPTION OF AGENTS  
[54] SYSTEME D'ADMINISTRATION MICELLAIRE INVERSE PERMETTANT UN TRANSPORT CONTROLE ET UNE ABSORPTION RENFORCEE D'AGENTS  
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[71] MACGREGOR, ALEXANDER, CA  
[85] 2004-06-10  
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[51] Int.Cl. 7D06F 73/02  
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[54] PROCEDE ET APPAREIL DE TRAITEMENT D'ARTICLE EN TISSU  
[72] GERLACH, CHRISTIAN GERHARD FRIEDRICH, BE  
[72] BARRON, BRADFORD SCOTT, BE  
[72] DUVAL, DEAN LARRY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-06-15  
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[72] MILBOCKER, MICHAEL T., US  
[71] PRAXIS LLC, US  
[85] 2004-06-14  
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[25] EN  
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[54] MODELES AMELIORES D'ONGLET DE DECOLLAGE POUR VOYANTS ADHESIFS SUR UN TAPIS DE PLANCHER  
[72] KOKONASKI, WILLIAM, US  
[72] BLUM, RONALD D., US  
[72] GENTILUOMO, ANDREW, US  
[72] JORDAN, ROBERT, US  
[71] TECH MATS LLC, US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/US2002/039677)  
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[25] EN  
[54] HIGH PROTEIN, LOW CARBOHYDRATE DOUGH AND BREAD PRODUCTS, AND METHOD FOR MAKING SAME  
[54] PATE ET PAIN A TENEUR ELEVEE EN PROTEINES ET A FAIBLE TENEUR EN GLUCIDES, ET LEUR PROCEDE DE PRODUCTION  
[72] ANFINSEN, JON ROBERT, US  
[71] TECHCOM INTERNATIONAL INC., US  
[85] 2004-06-11  
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[54] DISPOSITIF PRODUISANT DE L'OXYGENE POUR LE SOIN DES PLAIES  
[72] SRINIVASAN, SARANGAPANI, US  
[71] OXYFAST CORPORATION, US  
[85] 2004-06-14  
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[72] BANVILLE, JACQUES, CA  
[72] WALKER, MICHAEL A., US  
[72] REMILLARD, ROGER, CA  
[72] PLAMONDON, SERGE, CA  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2004-06-11  
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[25] EN  
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[54] PROCEDE PERMETTANT D'AFFECTER LA PROGRESSION NEUROLOGIQUE  
[72] MILLER, RICHARD A., US  
[71] PHARMACYCLICS, INC., US  
[85] 2004-06-14  
[86] 2002-12-12 (PCT/US2002/039974)  
[87] 2003-06-19 (WO2003/049731)  
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[25] EN  
[54] COMBINATION CANCER THERAPY  
[54] THERAPIE ANTICANCEREUSE COMBINATOIRE  
[72] FAN, QING, US  
[71] PHARMACYCLICS, INC., US  
[85] 2004-06-14  
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[25] EN  
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[54] PROCEDE ET APPAREIL DE DECODAGE AUDIO  
[72] SHIMADA, OSAMU, JP  
[72] NEO, SUA HONG, SG  
[72] TAKAMIZAWA, YUICHIRO, JP  
[72] SERIZAWA, MASAHIRO, JP  
[72] TANAKA, NAOYA, JP  
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[72] NOMURA, TOSHIYUKI, JP  
[72] TSUSHIMA, MINEO, JP  
[72] NORIMATSU, TAKESHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[71] NEC CORPORATION, JP  
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[25] EN  
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[54] TENTE A MONTAGE RAPIDE COMPORTANT UNE LIAISON DE CONNEXION FACILEMENT SEPAREE DE SON MAT ET FIXEE A CELUI-CI  
[72] CHANG, JAECHUL, KR  
[71] CHANG, JAECHUL, KR  
[85] 2004-06-07  
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[87] 2003-06-12 (WO2003/048485)  
[30] KR (2001/37462) 2001-12-05  
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[54] SYSTEME D'AIDE A L'AUDITION ET PROCEDE D'AIDE A L'AUDITION  
[72] WADA, HIROSHI, JP  
[72] KOBAYASHI, TOSHIMITSU, JP  
[72] KOIKE, TAKUJI, JP  
[71] TOHOKU UNIVERSITY, JP  
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[54] HEARING AID ASSEMBLY  
[54] ENSEMBLE APPAREIL AUDITIF  
[72] BORDEWIJK, LOURENS GEORGE, NL  
[71] BORDEWIJK, LOURENS GEORGE, NL  
[85] 2004-06-07  
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[13] A1

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[25] EN  
[54] STEERABLE PARACHUTE CONTROL SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE POUR LE CONTROLE DE PARACHUTE MANOEUVRABLE  
[72] PRESTON, DANIEL, US  
[71] ATAIR AEROSPACE, INC., US  
[85] 2004-06-07  
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7C12N 9/10 7C12N 1/14 7C12N 1/16  
7G01N 33/53 7G01N 33/569 7C12N 9/58  
[25] EN  
[54] METHODS FOR THE IDENTIFICATION OF INHIBITORS OF ASPARAGINE SYNTHASE, 5-AMINOLEVULINATE SYNTHASE, HISTIDINOL-PHOSPHATASE, 3-ISOPROPYLMALATE AND THREONINE SYNTHASE AS ANTIBIOTICS

[54] METHODES D'IDENTIFICATION D'INHIBITEURS DE L'ASPARAGINE SYNTHASE, DE LA 5-AMINOLEVULINATE SYNTHASE, DE L'HISTIDINOL PHOSPHATASE, DE LA 3-ISOPROPYLMALATE SYNTHASE ET DE LA THREONINE SYNTHASE EN TANT QU'ANTIBIOTIQUES  
[72] MONTENEGRO-CHAMORRO, MARIA VICTORIA, US  
[72] ADACHI, KIICHI, US  
[72] SHUSTER, JEFFREY R., US  
[72] HAMER, LISBETH, US  
[72] PAN, HUAQUIN, US  
[72] HEINIGER, RYAN W., US  
[72] FRANK, SHERYL A., US  
[72] TANZER, MATTHEW M., US  
[72] SKALCHUNES, AMY R., US  
[72] LO, SZE CHUNG C., US  
[72] DEZWAAN, TODD M., US  
[72] DARVEAUX, BLAISE A., US  
[72] MAHANTY, SANJOY K., US  
[72] TARPEY, REX, US  
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[85] 2004-06-07  
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[30] US (10/007,022) 2001-12-06  
[30] US (10/010,084) 2001-12-06  
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[30] US (10/011,106) 2001-12-07  
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[13] A1

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[54] UTILISATION DE LA DARIFENACINE DANS LE TRAITEMENT DE MICTIONS IMPERIEUSES INDUITES PAR UNE VESIE HYPERACTIVE  
[72] QUINN, PAUL, GB  
[72] SKILLERN, LAURENCE HOWARD, GB  
[72] SERDAREVIC, DZELAL, GB  
[72] COLLI, ENRICO, GB  
[71] NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD., BM  
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[30] GB (0129962.7) 2001-12-14

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[25] EN  
[54] WELLBORE FLUID RECOVERY SYSTEM & METHOD  
[54] SYSTEME ET PROCEDE DE RECUPERATION DE LIQUIDE DE FORAGE  
[72] MIRAMON, ALAIN J., US  
[71] FRANK'S INTERNATIONAL, INC., US  
[85] 2004-06-07  
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[25] EN  
[54] METHODS AND PRODUCTS USEFUL IN THE FORMATION AND ISOLATION OF MICROPARTICLES  
[54] PROCEDES ET PRODUITS UTILES DANS LA FORMATION ET L'ISOLATION DE MICROPARTICULES  
[72] BASSETT, MICHAEL J., US  
[72] ENSCORE, DAVID J., US  
[72] JACOB, JULES, US  
[71] SPHERICS, INC., US  
[85] 2004-06-07  
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[30] US (60/339,979) 2001-12-10  
[30] US (60/339,980) 2001-12-10

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[25] EN  
[54] NOEL METHODS FOR TREATMENT OF CARDIAC ARRHYTHMIA, SYNTHESIS, AND METHODS OF USE  
[54] NOUVEAUX COMPOSES POUR LE TRAITEMENT DE L'ARYTHMIE CARDIAQUE, SYNTHESE ET METHODES D'UTILISATION DESDITS COMPOSES  
[72] DRUZGALA, PASCAL, US  
[71] ARYX THERAPEUTICS, US  
[85] 2004-06-07  
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7G01N 21/21  
[25] EN  
[54] APPARATUS, METHOD AND SYSTEM FOR INTRAVASCULAR PHOTOGRAPHIC IMAGING  
[54] APPAREIL, PROCEDE ET SYSTEME D'IMAGERIE PHOTOGRAPHIQUE INTRAVASculaire  
[72] ZARETSKI, ALEX, IL  
[72] SEGEV, MORDECHAI, IL  
[72] ADLER, DORON, IL  
[72] SHAFRIR, KEREN, IL  
[72] PILLAR, OFER, IL  
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[85] 2004-06-09  
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[13] A1

[51] Int.Cl. 7H01M 8/02 7H01M 8/10  
[25] EN  
[54] METAL SEPARATOR FOR FUEL CELL AND ITS PRODUCTION METHOD  
[54] SEPARATEUR DE METAUX DESTINE A UNE PILE A COMBUSTIBLE ET PROCEDE DE PRODUCTION CORRESPONDANT  
[72] OHTANI, TERUYUKI, JP  
[72] TSUJI, MAKOTO, JP  
[72] UTSUNOMIYA, MASAO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2004-06-09  
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[30] JP (2001-378230) 2001-12-12  
[30] JP (2002-073785) 2002-03-18

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[54] NETWORK USER AUTHENTICATION SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UTILISATEURS DE RESEAU  
[72] RAIL, PETER D., US  
[71] ELECTRONIC DATA SYSTEMS CORPORATION, US  
[85] 2004-06-09  
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[30] US (10/013,609) 2001-12-10

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[51] Int.Cl. 7H04M 11/00  
[25] EN  
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[54] PROCEDE ET SYSTEME DE TARIFICATION DES DONNEES DANS DES DISPOSITIFS SANS FIL  
[72] HANLEY, JERRY, US  
[72] SPIVAK, KENIN N., US  
[72] PYE, S. ROBERT, US  
[72] WATLER, THEODORE W., US  
[71] TELEMAC CORPORATION, US  
[85] 2004-06-09  
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[30] US (10/013,794) 2001-12-10

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[13] A1

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[54] PROCEDE DE FABRICATION D'UN PRODUIT ABRASIF  
[72] ANNEN, MICHAEL J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-09  
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[30] US (10/033,464) 2001-12-28

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[13] A1

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[25] EN  
[54] PROCESS FOR THE  
MANUFACTURE OF MULTI-LAYERED  
WOUND DRESSINGS  
[54] PROCEDE DE FABRICATION DE  
PANSEMENTS A MULTIPLES  
COUCHES  
[72] DE JONG, JOHANNES H. A., US  
[72] THOMAS, PATRICK, BE  
[72] LIPMAN, ROGER D. A., BE  
[72] NIJNS, DIRK I. H., BE  
[71] AVERY DENNISON CORPORATION,  
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[85] 2004-06-09  
[86] 2001-12-21 (PCT/US2001/049816)  
[87] 2003-07-17 (WO2003/057485)

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[13] A1

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[25] EN  
[54] BAR FOR REINFORCING  
MATERIALS  
[54] BARRE DE RENFORT DE  
MATERIAUX  
[72] HOLE, ARNE ROGER, NO  
[71] COMPOSITE REINFORCEMENT  
SYSTEMS AS, NO  
[85] 2004-06-09  
[86] 2002-10-30 (PCT/NO2002/000393)  
[87] 2003-06-19 (WO2003/050364)  
[30] NO (20016074) 2001-12-12  
[30] NO (20020618) 2002-02-08

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[13] A1

[51] Int.Cl. 7H04B 3/54  
[25] EN  
[54] CONTROLLING OF DATA  
TRANSMISSION VOLTAGE LEVEL BY  
CUTTING PRINCIPLE IN LOW  
VOLTAGE NET  
[54] COMMANDE DU NIVEAU DE  
TENSION DE TRANSMISSION DE  
DONNEES PAR PRINCIPE DE  
COUPURE DANS UN RESEAU DE  
BASSE TENSION  
[72] ROMUNEN, JORMA, FI  
[71] ROMUNEN, JORMA, FI  
[85] 2004-06-09  
[86] 2002-12-09 (PCT/FI2002/001000)  
[87] 2003-07-10 (WO2003/056715)  
[30] FI (20012421) 2001-12-10

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[13] A1

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[25] EN  
[54] HETEROARYL SUBSTITUTED  
PYRAZOLE MODULATORS OF  
METABOTROPIC GLUTAMATE  
RECEPTOR-5  
[54] MODULATEURS PYRAZOLE A  
SUBSTITUTION HETEROARYLE DU  
RECEPTEUR 5 METABOTROPIQUE DE  
GLUTAMATE  
[72] HUANG, DEHUA, US  
[72] CHEN, CHIXU, US  
[72] PRASIT, PETPIBOON, US  
[72] MUÑOZ, BENITO, US  
[72] COSFORD, NICHOLAS D. P., US  
[72] EASTMAN, BRIAN W., US  
[72] SMITH, NICHOLAS D., US  
[71] MERCK & CO., INC., US  
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[86] 2002-12-13 (PCT/US2002/040147)  
[87] 2003-06-26 (WO2003/051833)  
[30] US (60/341,382) 2001-12-18

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[13] A1

[51] Int.Cl. 7G06F 9/455  
[25] EN  
[54] PANEL GUIDE AND IMPACT  
SEPARATION SYSTEM FOR A  
SLIDING DOOR  
[54] SYSTEME DE GUIDAGE DE  
PANNEAU ET DE SEPARATION  
ANTICHOC POUR PORTE  
COULISSANTE  
[72] SEMMANN, MARK, US  
[72] DELGADO, JOE M., US  
[72] MUELLER, LOUIS B., US  
[72] KLEIN, ARNO, DE  
[71] RYTEC CORPORATION, US  
[85] 2004-06-09  
[86] 2002-12-16 (PCT/US2002/040288)  
[87] 2003-06-26 (WO2003/052226)  
[30] US (60/341,408) 2001-12-14

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[13] A1

[51] Int.Cl. 7B29C 44/34 7B29B 9/06  
7B29C 47/30 7B29C 47/86  
[25] EN  
[54] PROCESS AND EQUIPMENT FOR  
THE PRODUCTION OF GRANULES OF  
EXPANDABLE THERMOPLASTIC  
POLYMERS  
[54] PROCEDE ET EQUIPEMENT  
DESTINES A LA PRODUCTION DE  
GRANULES DE POLYMERES  
THERMOPLASTIQUES EXPANSIBLES  
[72] CASALINI, ALESSANDRO, IT  
[71] POLIMERI EUROPA S.P.A., IT  
[85] 2004-06-10  
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[87] 2003-07-03 (WO2003/053651)  
[30] IT (MI2001A002706) 2001-12-20

[21] 2,469,848  
[13] A1

[51] Int.Cl. 7B32B 27/32 7E04F 15/16  
[25] EN  
[54] METHOD FOR PRODUCING A  
SHEET MATERIAL HAVING A CLEAR  
FILM SERVING AS A WEAR LAYER, A  
PEROXIDICALLY CROSS-LINKABLE  
CLEAR FILM SERVING AS A WEAR  
LAYER FOR HETEROGENEOUS  
FLOOR COVERINGS, AND FLOOR  
COVERINGS OF THIS TYPE  
[54] PROCEDE POUR LA  
PRODUCTION D'UNE STRUCTURE DE  
SURFACE POURVUE D'UN FILM  
TRANSPARENT COMME COUCHE  
D'USURE, FILM TRANSPARENT  
RETICULABLE DE MANIERE  
PEROXYDIQUE SERVANT DE  
COUCHE D'USURE POUR DES  
REVETEMENTS DE SOL  
HETEROGENES ET REVETEMENTS  
DE SOL DE CE TYPE  
[72] FISCHER, BERND, DE  
[72] MAUK, HANNS-JOERG, DE  
[72] GRAF, ANJA, DE  
[71] ARMSTRONG DLW AG, DE  
[85] 2004-06-10  
[86] 2002-11-28 (PCT/EP2002/013443)  
[87] 2003-06-19 (WO2003/049941)  
[30] DE (101 60 622.2) 2001-12-11

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**[21] 2,469,852**  
[13] A1

[51] Int.Cl. 7B65B 47/00  
 [25] EN  
 [54] BLENDED THERMOFORMABLE RF SEALABLE PLASTIC  
 [54] MELANGE PLASTIQUE  
 THERMOFORMABLE SOUDABLE PAR RAYONNEMENT HAUTE FREQUENCE  
 [72] HACKER, DONALD R., US  
 [72] BOWER, MICHAEL, US  
 [72] YANUZZI, KEITH, US  
 [71] KAMA OF ILLINOIS CORPORATION, US  
 [85] 2004-06-10  
 [86] 2002-12-09 (PCT/US2002/039284)  
 [87] 2003-06-19 (WO2003/050004)  
 [30] US (60/339,034) 2001-12-10  
 [30] US (10/230,607) 2002-08-29

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**[21] 2,469,855**  
[13] A1

[51] Int.Cl. 7B65G 47/82 7B65B 21/06  
**7B65G 47/08 7B65G 47/84**  
 [25] EN  
 [54] SELECTION SYSTEM  
 [54] SYSTEME DE SELECTION  
 [72] JOSEPH, LILIAN, FR  
 [72] BONNAIN, JEAN-CHRISTOPHE, FR  
 [71] MEADWESTVACO PACKAGING SYSTEMS LLC, US  
 [85] 2004-06-10  
 [86] 2002-12-11 (PCT/US2002/039630)  
 [87] 2003-06-19 (WO2003/050020)  
 [30] GB (0129550.0) 2001-12-11

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**[21] 2,469,867**  
[13] A1

[51] Int.Cl. 7B62B 5/02 7B62B 3/14  
 [25] EN  
 [54] BAGGAGE TROLLEY THAT CAN BE USED ON ESCALATORS  
 [54] CHARIOT A BAGAGES POUVANT ETRE UTILISE SUR UN ESCALIER ROULANT  
 [72] BOXLER, ANTON, DE  
 [71] WANZL METALLWARENFABRIK GMBH, DE  
 [85] 2004-06-09  
 [86] 2003-04-24 (PCT/DE2003/001327)  
 [87] 2004-04-01 (WO2004/026662)  
 [30] DE (102 42 631.7) 2002-09-13

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**[21] 2,469,870**  
[13] A1

[51] Int.Cl. 7G01N 21/64  
 [25] EN  
 [54] HIGH PERFORMANCE FLUORESCENT OPTICAL SENSOR  
 [54] CAPTEUR OPTIQUE  
 FLUORESCENT HAUTE PERFORMANCE  
 [72] COLVIN, ARTHUR E., JR., US  
 [72] WALTERS, STEVEN J., US  
 [71] SENSORS FOR MEDICINE AND SCIENCE, INC., US  
 [85] 2004-06-09  
 [86] 2002-12-11 (PCT/US2002/039675)  
 [87] 2003-06-19 (WO2003/050519)  
 [30] US (60/338,647) 2001-12-11

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**[21] 2,469,872**  
[13] A1

[51] Int.Cl. 7C07D 333/66 7A61P 25/16  
**7A61P 25/24 7A61P 25/28 7A61K 31/38**  
 [25] EN  
 [54] BENZOTHIOPHENES AS ADENOSINE RECEPTOR MODULATORS  
 [54] BENZOTHIOPHENES EN TANT QUE MODULATEURS DU RECEPTEUR DE L'ADENOSINE  
 [72] ALANINE, ALEXANDER, FR  
 [72] FLOHR, ALEXANDER, CH  
 [71] F. HOFFMAN-LA ROCHE AG, CH  
 [85] 2004-06-09  
 [86] 2002-12-04 (PCT/EP2002/013704)  
 [87] 2003-07-03 (WO2003/053954)  
 [30] EP (01129269.5) 2001-12-12

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**[21] 2,469,873**  
[13] A1

[51] Int.Cl. 7B67D 1/08 7B67D 1/04  
 [25] EN  
 [54] VALVE ASSEMBLY FOR USE IN DISPENSING BEVERAGE  
 [54] ENSEMBLE VANNE UTILISE POUR LA DISTRIBUTION DE BOISSON  
 [72] RAATS, PAUL HENRI, NL  
 [71] HEINEKEN TECHNICAL SERVICES B.V., NL  
 [85] 2004-06-10  
 [86] 2002-12-12 (PCT/NL2002/000823)  
 [87] 2003-06-19 (WO2003/050031)  
 [30] NL (1019562) 2001-12-13

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**[21] 2,469,874**  
[13] A1

[51] Int.Cl. 7G06F 15/16  
 [25] EN  
 [54] ROUTING AND FORWARDING TABLE MANAGEMENT FOR NETWORK PROCESSOR ARCHITECTURES  
 [54] ACHEMINEMENT ET REACHEMINEMENT DE GESTION DE TABLE DESTINEE A DES ARCHITECTURES DE PROCESSEUR DE RESEAU  
 [72] SCHWADERER, CURT, US  
 [72] LYONS, DAVID, US  
 [72] STOEN, RICK, US  
 [71] RADISYS MICROWARE COMMUNICATIONS SOFTWARE DIVISION, INC., US  
 [85] 2004-06-09  
 [86] 2002-11-09 (PCT/US2002/035883)  
 [87] 2003-05-22 (WO2003/042782)  
 [30] US (10/045,681) 2001-11-09

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[13] A1

[51] Int.Cl. 7C07D 417/04 7A61P 25/00  
**7A61K 31/428**  
 [25] EN  
 [54] BENZOTHIAZOLES  
 [54] BENZOTHIAZOLES  
 [72] RIEMER, CLAUS, DE  
 [72] NORCROSS, ROGER DAVID, CH  
 [72] JAKOB-ROETNE, ROLAND, DE  
 [72] FLOHR, ALEXANDER, CH  
 [71] F. HOFFMAN-LA ROCHE AG, CH  
 [85] 2004-06-09  
 [86] 2002-12-05 (PCT/EP2002/013769)  
 [87] 2003-07-03 (WO2003/053961)  
 [30] EP (01129273.7) 2001-12-12

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[21] 2,469,881  
[13] A1

[51] Int.Cl. 7H04N 5/00  
[25] EN  
[54] METHODS, SYSTEMS, AND APPARATUS FOR TUNING TELEVISION COMPONENTS USING AN INTERNET APPLIANCE  
[54] PROCEDES, SYSTEMES ET APPAREILS PERMETTANT DE REGLER DES ELEMENTS D'UNE TELEVISION AU MOYEN D'UN APPAREIL INTERNET  
[72] STONE, CHRISTOPHER J., US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2004-06-10  
[86] 2002-12-06 (PCT/US2002/039230)  
[87] 2003-06-19 (WO2003/051040)  
[30] US (10/016,345) 2001-12-10

[21] 2,469,882  
[13] A1

[51] Int.Cl. 7C07C 235/60 7A61P 3/06  
7A61K 31/195 7C07C 231/24  
[25] EN  
[54] NOVEL STABLE CRYSTALS OF SUBSTITUTED PHENYLPROPIONIC ACID DERIVATIVE AND PROCESS FOR PRODUCING THE SAME  
[54] CRISTAUX STABLES DE DERIVE D'ACIDE PHENYLPROPIONIQUE SUBSTITUE ET PROCEDE DE PRODUCTION ASSOCIE  
[72] KOIKE, TOMOMI, JP  
[72] ORITA, KAZUO, JP  
[71] KYORIN-PHARMACEUTICAL CO., LTD., JP  
[85] 2004-06-10  
[86] 2002-12-10 (PCT/JP2002/012892)  
[87] 2003-06-19 (WO2003/050077)  
[30] JP (2001-377077) 2001-12-11

[21] 2,469,886  
[13] A1

[51] Int.Cl. 7E21B 4/14  
[25] EN  
[54] A PERCUSSIVE DOWNHOLE HAMMER AND PISTON DESIGN FOR SUCH A HAMMER  
[54] MARTEAU PERFORATEUR DE FOND ET CONCEPTION DE PISTON POUR CELUI-CI  
[72] TERLET, CHRISTOPHER JOHN, AU  
[72] MCINNES, MALCOM BICKNELL, AU  
[72] CROWDEN, SCOTT, AU  
[71] SDS DIGGER TOOLS PTY LTD, AU  
[85] 2004-06-10  
[86] 2002-12-10 (PCT/AU2002/001664)  
[87] 2003-06-19 (WO2003/050378)  
[30] AU (PR 9366) 2001-12-10

[21] 2,469,888  
[13] A1

[51] Int.Cl. 7A22C 29/02  
[25] EN  
[54] METHOD FOR PROCESSING A CRUSTACEANS  
[54] CRUSTACES EVISCERES FARCSIS ET NON FARCSIS  
[72] HONG, LILY, CA  
[72] WIESER, PAUL, CA  
[72] ABLETT, RICHARD, CA  
[72] GALLANT, CYRIL, G., CA  
[71] HONG, LILY, CA  
[71] WIESER, PAUL, CA  
[71] ABLETT, RICHARD, CA  
[71] GALLANT, CYRIL, G., CA  
[85] 2004-06-10  
[86] 2001-12-12 (PCT/CA2001/001776)  
[87] 2003-07-03 (WO2003/053147)

[21] 2,469,889  
[13] A1

[51] Int.Cl. 7C07D 401/12 7A61K 31/505  
[25] EN  
[54] SALT FORMS OF E-2-METHOXY-N-(3-(4-(3-METHYL-PYRIDIN-3-YLOXY)-PHENYLAMINO)-QUINAZOLIN-6-YL)-ALLYL)-ACETAMIDE, ITS PREPARATION AND ITS USE AGAINST CANCER  
[54] FORMES SALINES DE E-2-METHOXY-N-(3-(4-(3-METHYL-PYRIDIN-3-YLOXY)-PHENYLAMINO)-QUINAZOLIN-6-YL)-ALLYL)-ACETAMIDE  
[72] KATH, JOHN CHARLES, US  
[72] RICHTER, DANIEL TYLER, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-06-10  
[86] 2002-11-11 (PCT/IB2002/004708)  
[87] 2003-06-19 (WO2003/050108)  
[30] US (60/340,885) 2001-12-12

[21] 2,469,890  
[13] A1

[51] Int.Cl. 7E21B 43/24  
[25] EN  
[54] WET ELECTRIC HEATING PROCESS  
[54] PROCEDE DE CHAUFFAGE ELECTRIQUE HUMIDE  
[72] HUANG, HAIBO, CA  
[72] VANDENHOFF, DEBORAH G., US  
[72] YUAN, JIAN-YANG, CA  
[72] ISAACS, EZRA EDDY, CA  
[71] ALBERTA SCIENCE AND RESEARCH AUTHORITY, CA  
[85] 2004-06-10  
[86] 2002-12-02 (PCT/CA2002/001838)  
[87] 2003-07-03 (WO2003/054351)  
[30] US (10/016,626) 2001-12-10

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[21] 2,469,892  
[13] A1

[51] Int.Cl. 7A47B 13/00 7A47B 3/00  
[25] EN  
[54] FRAME THAT CAN BE ATTACHED TO A TABLE TOP WITHOUT MECHANICAL FASTENERS  
[54] OSSATURE POUVANT ETRE FIXEE SUR UN PLATEAU DE TABLE SANS DISPOSITIFS DE FIXATION MECANIQUES  
[72] STRONG, L. CURTIS, US  
[72] ADAMS, RAY, US  
[72] WINTER, DAVID C., US  
[71] LIFETIME PRODUCTS, INC., US  
[85] 2004-06-09  
[86] 2003-04-09 (PCT/US2003/010875)  
[87] 2003-10-23 (WO2003/086146)  
[30] US (60/371,486) 2002-04-09  
[30] US (10/409,259) 2003-04-08

[21] 2,469,899  
[13] A1

[51] Int.Cl. 7G06F 15/173  
[25] EN  
[54] SYSTEM AND METHOD USING LEGACY SERVERS IN RELIABLE SERVER POOLS  
[54] SYSTEME ET PROCEDE COMPRENANT L'UTILISATION DE SERVEURS PATRIMONIAUX DANS DES GROUPEMENTS DE SERVEURS FIALES  
[72] NARAYANAN, RAM GOPAL LAKSHMI, US  
[71] NOKIA CORPORATION, FI  
[85] 2004-06-10  
[86] 2002-12-13 (PCT/IB2002/005404)  
[87] 2003-06-26 (WO2003/052618)  
[30] US (10/024,441) 2001-12-18

[21] 2,469,900  
[13] A1

[51] Int.Cl. 7A61F 9/007 7A61B 17/00  
7G05G 1/14 7H01H 3/14  
[25] EN  
[54] FOOT CONTROLLER WITH INTERLOCK CIRCUIT  
[54] PEDALE A CIRCUIT DE BLOCAGE  
[72] NEUBERT, WILLIAM J., US  
[72] HALL, MERLIN, US  
[72] METZLER, MICHAEL E., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2004-06-10  
[86] 2002-12-06 (PCT/US2002/039194)  
[87] 2003-07-03 (WO2003/053293)  
[30] US (10/025,801) 2001-12-19

[21] 2,469,902  
[13] A1

[51] Int.Cl. 7G06F 15/173  
[25] EN  
[54] STRUCTURE OF POLICY INFORMATION FOR STORAGE, NETWORK AND DATA MANAGEMENT APPLICATIONS  
[54] STRUCTURE D'INFORMATIONS DE POLICE POUR APPLICATIONS DE GESTION DE DONNEES, DE STOCKAGE ET DE RESEAU  
[72] GREENBLATT, BRUCE, US  
[72] CHANDRA, CLAUDIA, US  
[71] ARKIVIO, INC., US  
[85] 2004-06-10  
[86] 2002-12-11 (PCT/US2002/039780)  
[87] 2003-06-26 (WO2003/052620)  
[30] US (60/340,227) 2001-12-14  
[30] US (10/133,123) 2002-04-25

[21] 2,469,903  
[13] A1

[51] Int.Cl. 7A61F 9/007 7A61B 17/00  
7G05G 1/14 7H01H 3/14  
[25] EN  
[54] FOOT CONTROLLER  
[54] PEDALE  
[72] HALL, MERLIN, US  
[72] METZLER, MICHAEL E., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2004-06-10  
[86] 2002-12-06 (PCT/US2002/039195)  
[87] 2003-07-03 (WO2003/053294)  
[30] US (10/025,424) 2001-12-19

[21] 2,469,904  
[13] A1

[51] Int.Cl. 7A61K 31/4178 7C07D 403/06  
[25] EN  
[54] NOVEL BENZODIFURANIMIDAZOLINE AND BENZOFURANIMIDAZOLINE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF GLAUCOMA  
[54] NOUVEAUX DERIVES DE BENZODIFURANE IMIDAZOLINE ET DE BENZOFURANE IMIDAZOLINE ET LEUR UTILISATION POUR TRAITER LE GLAUCOME  
[72] HELLBERG, MARK R., US  
[72] FENG, ZIXIA, US  
[71] ALCON, INC., CH  
[85] 2004-06-10  
[86] 2002-12-09 (PCT/US2002/039316)  
[87] 2003-07-03 (WO2003/053436)  
[30] US (60/343,378) 2001-12-20

[21] 2,469,905  
[13] A1

[51] Int.Cl. 7C07H 17/08 7A01N 43/90  
[25] EN  
[54] AVERMECTIN B1 DERIVATIVES HAVING AN AMINOSULFONYLOXY SUBSTITUENT IN THE 4"-POSITION  
[54] DERIVES D'AVERMECTINE B1 COMPRENANT UN SUBSTITUANT AMINOSULFONYLOXY EN POSITION 4'  
[72] CASSAYRE, JEROME, CH  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2004-06-10  
[86] 2002-12-20 (PCT/EP2002/014671)  
[87] 2003-07-03 (WO2003/053988)  
[30] CH (2363/01) 2001-12-21  
[30] CH (1190/02) 2002-07-05

[21] 2,469,906  
[13] A1

[51] Int.Cl. 7B01J 23/34 7C07C 5/333  
7B01J 23/656 7B01J 23/96  
[25] EN  
[54] CATALYTIC COMPOSITION FOR THE DEHYDROGENATION OF ALKYLBENZENES  
[54] COMPOSITION CATALYTIQUE POUR LA DESHYDROGENATION D'HYDROCARBURES ALKYLBENZENES  
[72] SANFILIPPO, DOMENICO, IT  
[72] BARTOLINI, ANDREA, IT  
[72] IEZZI, RODOLFO, IT  
[71] SNAMPROGETTI S.P.A., IT  
[85] 2004-06-10  
[86] 2002-12-18 (PCT/EP2002/014816)  
[87] 2003-07-03 (WO2003/053567)  
[30] IT (MI2001A002709) 2001-12-20

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[13] A1

- [51] Int.Cl. 7G06K 19/067 7G01S 13/02
  - 7H03H 3/08 7H03H 9/25 7H03B 5/32
  - 7G10K 11/36
  - [25] EN
  - [54] SURFACE ACOUSTIC WAVE IDENTIFICATION TAG HAVING ENHANCED DATA CONTENT AND METHODS OF OPERATION AND MANUFACTURE THEREOF
  - [54] ETIQUETTE D'IDENTIFICATION A ONDE ACOUSTIQUE DE SURFACE COMPRENANT UN CONTENU D'INFORMATIONS ET PROCÉDÉS DE FONCTIONNEMENT ET DE FABRICATION CORRESPONDANTS
  - [72] HARTMANN, CLINTON S., US
  - [71] RF SAW COMPONENTS, INCORPORATED, US
  - [85] 2004-06-10
  - [86] 2002-11-18 (PCT/US2002/036870)
  - [87] 2003-06-26 (WO2003/052682)
  - [30] US (10/024,624) 2001-12-18
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[13] A1

- [51] Int.Cl. 7F24H 3/04
  - [25] EN
  - [54] IMPROVED ELECTRICAL CONVECTOR
  - [54] CONVECTEUR ELECTRIQUE AMELIORÉ
  - [72] LLANA GARCIA, PEDRO LUIS, ES
  - [71] CLIMASTAR THERMOSTONE, S.L., ES
  - [85] 2004-06-10
  - [86] 2002-12-09 (PCT/ES2002/000525)
  - [87] 2003-06-19 (WO2003/050455)
  - [30] ES (U 0103000) 2001-12-12
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[13] A1

- [51] Int.Cl. 7G11C 5/02 7G11C 7/00
  - 7H01L 41/00 7G11C 11/22 7H01L 29/41
  - [25] EN
  - [54] APPARATUS AND METHOD FOR NON-DESTRUCTIVE DATA STORAGE AND RETRIEVAL
  - [54] APPAREIL ET PROCÉDÉ DE STOCKAGE ET DE RECUPERATION DE DONNÉES SANS EFFET DESTRUCTEUR
  - [72] GUDESEN, HANS GUDE, BE
  - [72] NORDAL, PER-ERIK, NO
  - [71] THIN FILM ELECTRONICS ASA, NO
  - [85] 2004-06-10
  - [86] 2002-12-12 (PCT/NO2002/000476)
  - [87] 2003-06-26 (WO2003/052762)
  - [30] NO (20016100) 2001-12-14
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[13] A1

- [51] Int.Cl. 7B65D 81/32 7B65D 25/08
  - [25] EN
  - [54] COMPLEX PACKAGING DEVICE
  - [54] EMBALLAGE COMPLEXE
  - [72] SERRA GALDOS, ROSA, ELENA, ES
  - [71] SERRA GALDOS, ROSA, ELENA, ES
  - [85] 2004-06-10
  - [86] 2002-12-05 (PCT/ES2002/000579)
  - [87] 2003-07-03 (WO2003/053812)
  - [30] ES (P 200102842) 2001-12-20
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**[21] 2,469,912**

[13] A1

- [51] Int.Cl. 7H01L 51/20
  - [25] EN
  - [54] ORGANIC FIELD EFFECT TRANSISTOR WITH AN ORGANIC DIELECTRIC
  - [54] TRANSISTOR A EFFET DE CHAMP ORGANIQUE DOTE D'UN DIELECTRIQUE ORGANIQUE
  - [72] MOHALIDIN-KHAFFAF, SOAD, GB
  - [72] OGIER, SIMON DOMINIC, GB
  - [72] LEEMING, STEPHEN WILLIAM, GB
  - [72] VERES, JANOS, GB
  - [71] AVECIA LIMITED, GB
  - [85] 2004-06-10
  - [86] 2002-11-21 (PCT/GB2002/005248)
  - [87] 2003-06-26 (WO2003/052841)
  - [30] GB (0130321.3) 2001-12-19
  - [30] GB (0130451.8) 2001-12-20
  - [30] GB (0220504.5) 2002-09-03
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**[21] 2,469,914**

[13] A1

- [51] Int.Cl. 7H04Q 7/20 7H04M 1/66
  - [25] EN
  - [54] METHOD AND SYSTEM FOR GSM MOBILE STATION ROAMING TO IS-41
  - [54] PROCÉDÉ ET SYSTÈME PERMETTANT L'ITINÉRANCE D'UNE STATION MOBILE GSM EN IS-41
  - [72] HEINZINGER, GREGORY, US
  - [72] JAIN, NIKHIL, US
  - [71] QUALCOMM INCORPORATED, US
  - [85] 2004-06-10
  - [86] 2002-12-13 (PCT/US2002/039928)
  - [87] 2003-06-26 (WO2003/053078)
  - [30] US (60/340,356) 2001-12-14
  - [30] US (10/077,556) 2002-02-14
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**[21] 2,469,916**

[13] A1

- [51] Int.Cl. 7H04Q 9/00
  - [25] EN
  - [54] CONTROL APPARATUS, CONTROLLABLE APPARATUS, REMOTE CONTROL SYSTEM AND REMOTE CONTROL METHOD USING THE SAME
  - [54] DISPOSITIF DE COMMANDE, APPAREIL POUVANT ÊTRE COMMANDE, SYSTÈME DE TELECOMMANDE ET PROCÉDÉ DE TELECOMMANDE UTILISANT CEUX-CI
  - [72] ISEKI, TAKANOBU, JP
  - [71] FUJISOFT ABC INC., JP
  - [85] 2004-06-10
  - [86] 2002-12-11 (PCT/JP2002/012985)
  - [87] 2003-06-26 (WO2003/053094)
  - [30] JP (2001-381417) 2001-12-14
  - [30] JP (2002-346067) 2002-11-28
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**[21] 2,469,917**

[13] A1

- [51] Int.Cl. 7A24B 15/14 7A24B 3/14
- [25] EN
- [54] IMPROVEMENTS RELATING TO SMOKABLE FILLER MATERIALS
- [54] AMELIORATIONS SE RAPPORTANT À DES MATERIELS PREMIERES DU TABAC POUVANT ÊTRE FUMÉES
- [72] WOODS, DEBRA DEMETER, GB
- [72] MCADAM, KEVIN GERARD, GB
- [72] GRIERSON, GORDON ROWATT, GB
- [71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
- [85] 2004-06-10
- [86] 2002-12-23 (PCT/GB2002/005899)
- [87] 2003-07-10 (WO2003/055337)
- [30] GB (0130627.3) 2001-12-21

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**[21] 2,469,919**  
[13] A1

[51] Int.Cl. 7B21D 1/05  
 [25] EN  
**[54] METHOD FOR CONTINUOUS TENSION LEVELING OF ALUMINUM STRIP**  
**[54] PROCEDE DE PLANAGE PAR TENSION CONTINUE D'UNE BANDE D'ALUMINIUM**  
 [72] BOLES, GARRY, CA  
 [72] LAGACE, HELENE, CA  
 [71] ALCAN INTERNATIONAL LIMITED, CA  
 [85] 2004-06-10  
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**[54] PRODUIT D'HYGIENE ABSORBANT**  
 [72] GENTILCORE, GIOVANNI, GB  
 [72] COOK, JOHN ANTHONY, GB  
 [72] BEKKAOUI, ALI, GB  
 [71] SCIMAT LIMITED, GB  
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 [30] GB (0130461.7) 2001-12-20

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[51] Int.Cl. 7B65B 59/02 7B65B 25/06  
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 [25] EN  
**[54] PACK OPENING APPARATUS AND METHOD**  
**[54] APPAREIL ET PROCEDE D'OUVERTURE DE PAQUETS**  
 [72] KOKE, JOHN PAUL, NZ  
 [71] SEALED AIR (NZ) LIMITED, NZ  
 [85] 2004-06-10  
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 [87] 2003-07-03 (WO2003/053787)  
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 [25] EN  
**[54] FFE ARRAY DISPENSER**  
**[54] DISTRIBUTEUR A RESEAU POUR ELECTROPHORESE LIBRE (FFE)**  
 [72] MARKO-VARGA, GYOERGY, SE  
 [72] LAURELL, THOMAS, SE  
 [72] NILSSON, JOHAN, SE  
 [71] ASTRAZENECA AB, SE  
 [71] LAURELL, THOMAS, SE  
 [71] NILSSON, JOHAN, SE  
 [85] 2004-06-09  
 [86] 2002-12-11 (PCT/SE2002/002281)  
 [87] 2003-07-03 (WO2003/053582)  
 [30] SE (0104125-0) 2001-12-11  
 [30] SE (0202228-3) 2002-07-15  
 [30] SE (0202400-8) 2002-08-13

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[13] A1

[51] Int.Cl. 7A47C 1/032 7A47C 9/02  
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**[54] MOBILE JOINT WITH SEVERAL STABLE POSITIONS, SUITABLE FOR USE IN FURNITURE**  
**[54] ARTICULATION MOBILE PRESENTANT PLUSIEURS POSITIONS STABLES, CONCUE POUR ETRE UTILISEE DANS UN MEUBLE**  
 [72] WULLUM, OLE PETTER, NO  
 [71] STOKKE GRUPPEN AS, NO  
 [85] 2004-06-11  
 [86] 2003-01-06 (PCT/NO2003/000001)  
 [87] 2003-07-10 (WO2003/055357)  
 [30] NO (20020045) 2002-01-04

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[51] Int.Cl. 7B01D 15/00 7B01L 3/00  
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 [25] EN  
**[54] DOCKABLE PROCESSING MODULE FOR EXTRACTING MOLECULES FROM A SOLUTION**  
**[54] MODULE DE TRAITEMENT ANCRABLE**  
 [72] WALLMAN, LARS, SE  
 [72] EKSTROEM, SIMON, SE  
 [72] MARKO-VARGA, GYOERGY, SE  
 [72] LAURELL, THOMAS, SE  
 [72] NILSSON, JOHAN, SE  
 [71] ASTRAZENECA AB, SE  
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[25] EN  
[54] HIGH SENSITIVITY PROTEIN WORKSTATION AND TECHNIQUES  
[54] STATION DE TRAVAIL ET TECHNIQUES PROTEIQUES A SENSIBILITE ELEVEE  
[72] NILSSON, JOHAN, SE  
[72] LAURELL, THOMAS, SE  
[72] MARKO-VARGA, GYORGY, SE  
[71] NILSSON, JOHAN, SE  
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[30] SE (0104125-0) 2001-12-11

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[25] EN  
[54] LASER ENGRAVING METHODS AND COMPOSITIONS, AND ARTICLES HAVING LASER ENGRAVING THEREON  
[54] COMPOSITIONS ET PROCEDES RELATIFS A UNE GRAVURE AU LASER ET ARTICLES AINSI GRAVES  
[72] LABREC, BRIAN, US  
[72] JONES, ROBERT, US  
[71] DIGIMARC ID SYSTEMS, LLC, US  
[85] 2004-06-11  
[86] 2002-12-20 (PCT/US2002/040906)  
[87] 2003-07-10 (WO2003/055684)  
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[30] US (60/344,675) 2001-12-24  
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[25] EN  
[54] METHODS OF INDUCING OVULATION USING A NON-POLYPEPTIDE CAMP LEVEL MODULATOR  
[54] PROCEDE PERMETTANT D'INDUIRE L'OVULATION AU MOYEN D'UN MODULATEUR DU TAUX DE CAMP NON POLYPEPTIDIQUE  
[72] MACNAMEE, MICHAEL C., GB  
[72] MCKENNA, SEAN, US  
[72] PEPPER, MARK, US  
[72] PALMER, STEPHEN, US  
[72] ESHKOL, ALIZA, CH  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2004-06-11  
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[25] EN  
[54] SOLID COMPOSITIONS COMPRISING COMPOUNDS UNSTABLE TO OXYGEN AND METHOD FOR STABILIZING THEM  
[54] COMPOSITIONS SOLIDES REFERMANTE DES COMPOSES INSTABLES A L'OXYGENE ET PROCEDE DE STABILISATION DE CES COMPOSES  
[72] YAMASHITA, AKIO, JP  
[72] HIRASHIMA, NAOKI, JP  
[72] NONOMURA, MUNEO, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2004-06-11  
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[87] 2003-06-26 (WO2003/051355)  
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[25] EN  
[54] TWO-PART CLOSURE SYSTEM AND NOZZLE WITH GROOVE  
[54] SYSTEME DE FERMETURE EN DEUX PARTIES ET BUSE AVEC RAINURE  
[72] KIEHNE, MARK, AU  
[71] BABY BLISS INTERNATIONAL PTY LTD, AU  
[85] 2004-06-11  
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[13] A1

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7A61P 25/16 7A61P 25/18 7A61P 25/22  
7A61P 25/24 7A61P 25/28 7A61K 31/496  
[25] EN  
[54] MEDICAMENTS COMPRISING N, N'-DISUBSTITUTED PIPERAZINE COMPOUNDS AND THEIR USE  
[54] MEDICAMENTS CONTENANT DES COMPOSES DE PIPERAZINE N, N'-DISUBSTITUES  
[72] SUNDERMANN, BERND, DE  
[72] MAUL, CORINNA, DE  
[72] BUSCHMANN, HELMUT, ES  
[72] HAURAND, MICHAEL, DE  
[72] URAGG, HEINZ, DE  
[72] CHIZH, BORIS, GB  
[71] GRUNENTHAL GMBH, DE  
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[54] VALVE DE POUDRE AEROSOL  
[72] BAYER, CHRISTIAN, US  
[71] PRECISION VALVE CORPORATION, US  
[85] 2004-06-09  
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[25] EN  
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[54] VECTEURS DE POLY(AMINOACIDES) DENDRITIQUES, ET PROCEDES D'UTILISATION  
[72] CHARNSANGAVEJ, CHUSILP, US  
[72] WALLACE, SIDNEY, US  
[72] LI, CHUN, US  
[72] TANSEY, WAYNE, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS, US  
[85] 2004-06-11  
[86] 2002-12-23 (PCT/US2002/040937)  
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[13] A1

[51] Int.Cl. 7G01R 29/20  
[25] EN  
[54] AUTOMATED TEST SEQUENCE EDITOR AND ENGINE FOR TRANSFORMER TESTING  
[54] MOTEUR ET EDITEUR DE SEQUENCES D'ESSAIS AUTOMATISES POUR LA MISE A L'ESSAI DE TRANSFORMATEURS  
[72] HAMDAN, FADI ADEL, US  
[71] ABB INC., US  
[85] 2004-06-09  
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[13] A1

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[25] EN  
[54] METHODS FOR TREATMENT OR PROPHYLAXIS OF ALDOSTERONE-MEDIATED PATHOGENIC EFFECTGS IN A SUBJECT USING AN EPOXY-STEROIDAL ALDOSTERONE ANTAGONIST  
[54] METHODES DESTINEES A TRAITER OU PREVENIR DES EFFETS PATHOGENES INDUITS PAR L'ALDOSTERONE CHEZ UN SUJET AU MOYEN D'UN ANTAGONISTE D'ALDOSTERONE EPOXY-STERIDIEN  
[72] ROCHA, RICARDO, US  
[72] FEDDE, KENTON N., US  
[72] WILLIAMS, GORDON H., US  
[72] FUNDER, JOHN W., AU  
[72] GARTHWAITE, SUSAN M., US  
[72] RONIKER, BARBARA, US  
[71] PHARMACIA CORPORATION, US  
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[13] A1

[51] Int.Cl. 7G06K 15/00  
[25] EN  
[54] PET BASED MULTI-MULTI-LAYER SMART CARDS  
[54] CARTES A PUCE A CONTACT AYANT UN NOYAU DOCUMENT ET CARTES A PUCE SANS CONTACT COMPRENANT UNE STRUCTURE MULTICOUCHE, UN DOCUMENT D'IDENTIFICATION A BASE DE PET  
[72] JONES, ROBERT, US  
[72] BI, DAOSHEN, US  
[72] ANDERSON, JOSEPH, US  
[72] REGAN, THOMAS, US  
[72] MAILLOUX, DENNIS, US  
[71] DIGIMARC ID SYSTEMS, LLC, US  
[85] 2004-06-11  
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[87] 2003-07-10 (WO2003/056499)  
[30] US (60/344,673) 2001-12-24  
[30] US (60/344,717) 2001-12-24  
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[51] Int.Cl. 7H01M 16/00 7H01M 8/04  
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[25] EN  
[54] REGULATION OF A HYBRID FUEL CELL SYSTEM  
[54] DISPOSITIF DE PILE A COMBUSTIBLE  
[72] PEARSON, MARTIN T., CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[85] 2004-06-11  
[86] 2002-12-12 (PCT/CA2002/001909)  
[87] 2003-06-26 (WO2003/052860)  
[30] US (10/017,470) 2001-12-14  
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[25] EN  
[54] IMPROVEMENTS IN PHARMACEUTICAL COMPOSITIONS  
[54] AMELIORATIONS APPORTEES A DES COMPOSITIONS PHARMACEUTIQUES  
[72] ROBERTS, STANLEY MICHAEL, GB  
[72] SANTORO, MARIA GABRIELLA, IT  
[72] HAPPE, ALAN MICHAEL, GB  
[71] CHARTERHOUSE THERAPEUTICS LIMITED, GB  
[85] 2004-06-11  
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[30] GB (0129980.9) 2001-12-14  
[30] GB (0207232.0) 2002-03-27

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[13] A1

[51] Int.Cl. 7B01L 3/00  
[25] EN  
[54] METHODS AND DEVICES FOR REMOVAL OF ORGANIC MOLECULES FROM BIOLOGICAL MIXTURES USING ANION EXCHANGE  
[54] PROCEDES ET DISPOSITIFS DE SUPPRESSION PAR ECHANGE D'ANIONS DE MOLECULES ORGANIQUES DANS DES MELANGES BIOLOGIQUES  
[72] PARTHASARATHY, RANJANI V., US  
[72] BEISSEL, FRANK J., IV, US  
[72] RAJAGOPAL, RAJ, US  
[72] OLSON, ERIN E., US  
[72] ROBOLE, BARRY W., US  
[72] BEDINGHAM, WILLIAM, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-10  
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[25] EN  
[54] METHOD AND DEVICE FOR REMOVAL OF ORGANIC MOLECULES  
[54] PROCEDES ET DISPOSITIFS D'EXTRACTION DE MOLECULES ORGANIQUES DE MELANGES BIOLOGIQUES AU MOYEN D'UN SUPPORT SOLIDE HYDROPHILE DANS UNE MATRICE HYDROPHOBIE  
[72] MORRIS, VICKY L., US  
[72] BEDINGHAM, WILLIAM, US  
[72] PARTHASARATHY, RANJANI V., US  
[72] ROBOLE, BARRY W., US  
[72] RAJAGOPAL, RAJ, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-06-10  
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[72] OTTEWELL, DAVID F., CA  
[72] D'AURIA, JOHN MICHAEL, CA  
[72] ZYUZIN, ALEXANDER, CA  
[72] VINCENT, JOHN S., CA  
[72] HARSHMAN, DALE R., US  
[72] RUTH, THOMAS J., CA  
[71] THE UNIVERSITY OF ALBERTA, THE UNIVERSITY OF BRITISH COLUMBIA, CARLETON UNIVERSITY, SIMON FRASER UNIVERSITY AND THE UNIVERSITY OF VICTORIA, COLLECTIVELY DOING BUSINESS AS TRIUMF, CA  
[85] 2004-06-10  
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[87] 2003-07-03 (WO2003/053509)  
[30] US (60/339,313) 2001-12-12

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[54] COMPOSITION PERMETTANT DE TRAITER DES LENTILLES DE CONTACT DANS L'OEIL  
[72] LEVER, ANDREA, US  
[72] HU, ZHENZE, US  
[72] SIMPSON, LISA C., US  
[71] BAUSCH & LOMB, INCORPORATED, US  
[85] 2004-06-10  
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[87] 2003-07-03 (WO2003/053480)  
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[25] EN  
[54] ELECTROLYTIC TILT SENSOR  
[54] DETECTEUR D'INCLINAISON ELECTROLYTIQUE  
[72] GREWAY, CHARLES E., US  
[71] THE FREDERICKS COMPANY, US  
[85] 2004-06-10  
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[30] US (10/021,822) 2001-12-13

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[25] EN  
[54] STABILISING COMPOSITION I  
[54] COMPOSITION STABILISATRICE I  
[72] HEIDENFELDER, THOMAS, DE  
[72] APPEL, MANFRED, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-06-11  
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[54] DECAPANT A BASE D'ETHER CYCLIQUE  
[72] HENSLEY, CHRISTOPHER H., US  
[71] AERO-CHEM, LLC, US  
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[87] 2003-06-26 (WO2003/052004)  
[30] US (60/340,178) 2001-12-14

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[13] A1

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[25] EN  
[54] TUN DISH AND METHOD FOR PRODUCTION OF A METAL STRIP OF HIGH PURITY  
[54] PANIER DE COULEE ET PROCEDE POUR PRODUIRE UNE BARRE METALLIQUE DE GRANDE PURETE  
[72] MOERWALD, KARL, AT  
[72] ECKERSTORFER, GERALD, AT  
[72] HOHENBICHLER, GERALD, AT  
[72] BRUMMAYER, MARKUS, AT  
[72] HOEDL, HEINZ, AT  
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO., AT  
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[30] AT (A 1961/2001) 2001-12-14

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7A61K 31/519  
[25] EN  
[54] PYRROLOPYRIMIDINE A2B SELECTIVE ANTAGONIST COMPOUNDS, THEIR SYNTHESIS AND USE  
[54] COMPOSES D'ANTAGONISTES SELECTIFS DE PYRROLOPYRIMIDINE A2B, LEUR SYNTHESE ET LEUR UTILISATION  
[72] MCKIBBEN, BRYAN, US  
[72] CASTELHANO, ARLINDO L., US  
[72] STEINIG, ARNO G., US  
[71] OSI PHARMACEUTICALS, INC., US  
[85] 2004-06-11  
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[87] 2003-07-03 (WO2003/053361)  
[30] US (60/343,443) 2001-12-20

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[13] A1

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[25] EN  
[54] DEVICE FOR DETECTING LEAKAGE OF LIQUID IN TANK  
[54] DISPOSITIF SERVANT A DETECTER UNE FUITE DE LIQUIDE DANS UN RESERVOIR  
[72] KAWANISHI, TOSHIAKI, JP  
[72] YAMAGISHI, KIYOSHI, JP  
[72] KOIKE, ATSUSHI, JP  
[72] NAKAMURA, TOSHIMI, JP  
[72] TAKAHATA, TAKAYUKI, JP  
[71] MITSUI MINING & SMELTING CO., LTD., JP  
[85] 2004-06-11  
[86] 2002-12-13 (PCT/JP2002/013077)  
[87] 2003-06-26 (WO2003/052372)  
[30] JP (2001-381756) 2001-12-14  
[30] JP (2002-10147) 2002-01-18  
[30] JP (2002-10148) 2002-01-18  
[30] JP (2002-17384) 2002-01-25

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[13] A1

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[25] EN  
[54] COMPRESSOR UNIT WITH CONTROL SYSTEM  
[54] UNITE DE COMPRESSION COMPRENANT UN SYSTEME DE COMMANDE  
[72] JACOBSSON, ROLF ALEXIS, SE  
[71] ATLAS COPCO TOOLS AB, SE  
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[54] CONNEXION PIVOTANTE D'UNE ENTRETOISE DE SUPPORT A UN PIED ET A UN PLATEAU DE TABLE  
[72] STRONG, L. CURTIS, US  
[72] ADAMS, RAY, US  
[71] LIFETIME PRODUCTS, INC., US  
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[87] 2003-10-23 (WO2003/086147)  
[30] US (60/371,486) 2002-04-09  
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[21] 2,470,047  
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[25] EN  
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[54] NON-TISSE ET PROCEDES DE PRODUCTION DE MATIERES SYNTHETIQUES RENFORCEES PAR FIBRES DE VERRE OU DE CARBONE  
[72] LAURIDSEN, KELD, DK  
[71] FIBERTEX A/S, DK  
[85] 2004-06-11  
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  - [54] SYSTEME DE DETERMINATION D'UN SYSTEME UTILISANT UN SYSTEME DE COMMUNICATIONS CELLULAIRES
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  - [72] RICK, ROLAND R., US
  - [72] AMERGA, MESSAY, US
  - [72] RISTIC, BORISLAV, US
  - [72] BHATIA, ASHOK, US
  - [72] FERNANDEZ-CORBATON, IVAN, US
  - [71] QUALCOMM INCORPORATED, US
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  - [54] SUIVI DU FLUX UTILISATEUR DE PAGES D'UN SITE WEB
  - [72] BELLARE, KIRAN, US
  - [72] DESAI, SACHIN, US
  - [71] ORACLE CORPORATION, US
  - [85] 2004-06-11
  - [86] 2002-12-11 (PCT/US2002/039772)
  - [87] 2003-06-26 (WO2003/052571)
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- [25] EN
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- [54] PROCEDE DE PRODUCTION DE TISSU
- [72] ZHANG, YU-GAO, CA
- [71] GUANGDONG ESQUEL KNITTERS CO., LTD., CN
- [85] 2004-06-11
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  - [25] EN
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  - [54] EMBALLAGE ET OUTIL DE SCELLAGE POUR LA FABRICATION D'UN TEL EMBALLAGE
  - [72] FENN-BARRABASS, CHRISTIAN, DE
  - [71] HUHTAMAKI RONSBERG ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & C O. KG, DE
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  - [86] 2002-12-13 (PCT/EP2002/014242)
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  - [25] EN
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  - [54] PROCEDES DE GRANULATION PAR VOIE HUMIDE D'AZITHROMYCINE
  - [72] FERGIONE, MICHAEL BRUCE, US
  - [72] JOHNSON, BARBARA ALICE, US
  - [71] PFIZER PRODUCTS INC., US
  - [85] 2004-06-11
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  - [87] 2003-07-03 (WO2003/053399)
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- [25] EN
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- [54] RELIEF D'ETIQUETAGE POUR RECIPIENTS MOULES PAR INJECTION
- [72] GRAHAM, BRIAN K., US
- [71] IML BY IDESIGN LLC, US
- [85] 2004-06-11
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[13] A1

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  - [72] SANTORO, MARIA GABRIELLA, IT
  - [72] HAPPE, ALAN MICHAEL, GB
  - [72] ROBERTS, STANLEY MICHAEL, GB
  - [72] DAUVERGNE, JEROME, GB
  - [71] CHARTERHOUSE THERAPEUTICS LIMITED, GB
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- [54] DERIVES TRIAZOLO-QUINOLINE UTILES EN TANT QUE LIGANDS RECEPTEURS D'ADENOSINE
- [72] BOER, KINGA, HU
- [72] WALCZ, ERZSEBET, HU
- [72] ARANYI, PETER, HU
- [72] KAPUI, ZOLTAN, HU
- [72] HAJDU, FELIX, HU
- [72] T. NAGY, LAJOS, HU
- [72] SZABO, TIBOR, HU
- [72] MIKUS, ENDRE, HU
- [72] BALAZS, LASZLO, HU
- [72] TIMARI, GEZA, HU
- [72] URBAN-SZABO, KATALIN, HU
- [72] BATORI, SANDOR, HU
- [72] BENCE, JUDIT, HU
- [71] SANOFI-SYNTHELABO, FR
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[13] A1

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[54] DERIVES D'ACIDE 3-PHENYL-2-ARYLALKYLTHIOPROPIONIQUE UTILISES COMME AGONISTES SELECTIFS DE PPAR-ALPHA  
[72] ALSTERMARK LINDSTEDT, EVA-LOTTE, SE  
[72] BOIJE, ANNA MARIA PERSDOTTER, SE  
[72] HOLM, PATRIK, SE  
[71] ASTRAZENECA AB, SE  
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[54] DERIVES D'IMIDAZOQUINOLEINE  
[72] URBAN-SZABO, KATALIN, HU  
[72] TIMARI, GEZA, HU  
[72] MIKUS, ENDRE, HU  
[72] T. NAGY, LAJOS, HU  
[72] KAPUI, ZOLTAN, HU  
[72] BATORT, SANDOR, HU  
[72] BALOGH, MARIA, HU  
[72] VARGANE SZEREDI, JUDIT, HU  
[72] BOER, KINGA, HU  
[72] BALAZS, LASZLO, HU  
[72] GERBER, KATALIN, HU  
[72] ARANYI, PETER, HU  
[71] SANOFI-SYNTHELABO, FR  
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[25] EN  
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[54] SURFACE STRUCTUREE COMPRENANT DES MICROCAVITES CREUSEES DANS UNE SURFACE  
[72] AMRICH, MARK, US  
[72] ROLFE, JONATHAN L., US  
[72] BUTURLIA, JOSEPH, US  
[72] LYNCH, ROBERT F., US  
[71] TECOMET, INC., US  
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[54] LUNETTES DE VISION NOCTURNE RENFORCEE PAR VIDEO  
[72] BRILLHART, STEVEN, US  
[72] MATTEY, DAVID, US  
[72] DOBBIE, BLAIR, US  
[72] WILLEY, CHARLES, US  
[71] ITT MANUFACTURING ENTERPRISES, INC., US  
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[25] EN  
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[54] FEUILLE ANTISALISSURE IMPERMEABLE A L'EAU  
[72] SUZUKI, KENJI, JP  
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[54] HYDROGENATION DE PRECURSEURS DE SUBSTANCES ANTI-HYPERGLYCEMIANTES DE THIAZOLIDINEDIONE  
[72] DOLITZKY, BEN-ZION, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
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[13] A1

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[54] DISPOSITIF DE SOUDAGE POUR MATERIAU D'EMBALLAGE  
[72] THOMASSET, JACQUES, FR  
[71] AISAPACK HOLDING SA, CH  
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[54] INHIBITEURS SELECTIFS D'UROKINASE  
[72] SPERL, STEFAN, DE  
[71] WILEX AG, GB  
[85] 2004-06-11  
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[25] EN  
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[71] LEHIGH UNIVERSITY, US  
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[25] EN  
[54] CHANGING THE COLOR OF DYED TEXTILE SUBSTRATES  
[54] PROCEDE DE MODIFICATION DE LA COULEUR DE SUBSTRATS TEXTILES TEINTS  
[72] MAIER, PETER, DE  
[72] BECHTOLD, THOMAS, AT  
[72] SCHROTT, WOLFGANG, DE  
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE  
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[13] A1

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[25] EN  
[54] SELF-INTERFERENCE REMOVAL USING CONVERTER COMPENSATION IN A RELAYED COMMUNICATION SYSTEM  
[54] SUPPRESSION DE L'AUTOBROUILLAGE PAR COMPENSATION DE CONVERTISSEURS DANS UN SYSTEME DE COMMUNICATION A RELAIS  
[72] BECKER, DONALD W., US  
[72] O'NEILL, JOHN H., US  
[72] BLOUNT, RICHARD, US  
[71] VIASAT, INC., US  
[85] 2004-06-11  
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[25] EN  
[54] METHOD AND APPARATUS FOR MANAGING INTELLIGENT ASSETS IN A DISTRIBUTED ENVIRONMENT  
[54] PROCEDE ET APPAREIL DE GESTION DE BIENS INTELLIGENTS DANS UN ENVIRONNEMENT REPARTI  
[72] HART, DAVID PATRICK, US  
[72] CANOSA, JOHN THOMAS, US  
[72] TAYLOR, JOHN LOUIS, US  
[72] KUNTZ, CHRISTOPHER JAMES, US  
[72] COOK, JOHN MAITLAND III, US  
[72] RAMAN, RAJEEV, US  
[72] PSARROS, DIMITRIOS, US  
[72] CHIARELLA, THOMAS, US  
[72] BALLER, ERIC HENRY, US  
[71] QUESTRA CORPORATION, US  
[85] 2004-06-11  
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[87] 2003-07-03 (WO2003/054439)  
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[25] EN  
[54] DUAL MODE FUZE  
[54] DISPOSITIF D'AMORCAGE A DEUX MODES  
[72] BONE, FRANK M., US  
[71] GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS, INC., US  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/US2002/039524)  
[87] 2003-06-26 (WO2003/051794)  
[30] US (60/341,157) 2001-12-14  
[30] US (10/315,504) 2002-12-10

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[13] A1

[51] Int.Cl. 7H04L 7/033 7H04L 7/04  
7H04L 7/10  
[25] EN  
[54] METHOD FOR CORRECTING INITIAL SAMPLING OF THE SERIAL BIT RATE OF A FILTER'S OUTPUT SIGNAL  
[54] PROCEDE DE CORRECTION DE L'EXPLORATION INITIALE D'UNE CHAINE BINAIRE SERIELLE D'UN SIGNAL DE SORTIE D'UN FILTRE  
[72] CUYLEN, MICHAEL, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2004-06-11  
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[13] A1

[51] Int.Cl. 7G02C 7/04 7G02C 7/02  
[25] EN  
[54] METHODS FOR DESIGNING CONTACT LENSES  
[54] PROCEDE DE CONCEPTION DE LENTILLES DE CONTACT  
[72] DAVIS, BRETT A., AU  
[72] ROFFMAN, JEFFREY H., US  
[72] ISKANDER, DAOUD R., AU  
[72] COLLINS, MICHAEL J., AU  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
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[86] 2002-12-04 (PCT/US2002/039959)  
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[30] US (10/015,156) 2001-12-11

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[13] A1

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[25] EN  
[54] ELECTRONIC FILE MANAGEMENT  
[54] GESTION DE FICHIERS ELECTRONIQUES  
[72] MANGALVEDHEKAR, SUNIT B., IN  
[71] UGS CORP., US  
[85] 2004-06-11  
[86] 2002-12-06 (PCT/US2002/039052)  
[87] 2003-06-26 (WO2003/052576)  
[30] US (60/340,336) 2001-12-13  
[30] US (10/085,218) 2002-02-27

[21] 2,470,093  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] PREPARING ASSOCIATED FILES FOR STORAGE IN A SERVER  
[54] PREPARATION DE FICHIERS ELECTRONIQUES POUR LEUR STOCKAGE DANS UN SERVEUR  
[72] MANGALVEDHEKAR, SUNIT B., IN  
[71] UGS CORP., US  
[85] 2004-06-11  
[86] 2002-12-06 (PCT/US2002/039161)  
[87] 2003-06-26 (WO2003/052637)  
[30] US (60/340,411) 2001-12-13  
[30] US (10/085,217) 2002-02-27

[21] 2,470,094  
[13] A1

[51] Int.Cl. 7G06K 19/02  
[25] EN  
[54] MULTIPLE IMAGE SECURITY FEATURES FOR IDENTIFICATION DOCUMENTS AND METHODS OF MAKING SAME  
[54] ELEMENTS DE SECURITE A IMAGES MULTIPLES POUR DOCUMENTS D'IDENTIFICATION, ET PROCEDES DE REALISATION  
[72] JONES, ROBERT, US  
[72] LABREC, BRIAN, US  
[72] ANDERSON, JOSEPH, US  
[72] BATEY, DANIELLE, US  
[71] DIGIMARC ID SYSTEMS, LLC, US  
[85] 2004-06-11  
[86] 2002-12-18 (PCT/US2002/040843)  
[87] 2003-06-26 (WO2003/052680)  
[30] US (60/341,569) 2001-12-18  
[30] US (60/344,683) 2001-12-24  
[30] US (60/344,718) 2001-12-24

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[51] Int.Cl. 7H01L 33/00  
[25] EN  
[54] LIGHT-EMITTING DIODE WITH PLANAR OMNI-DIRECTIONAL REFLECTOR  
[54] DIODE ELECTROLUMINESCENTE A REFLECTEUR PLAN OMNIDIRECTIONNEL  
[72] SCHUBERT, E. FRED, US  
[71] RENNSLAER POLYTECHNIC INSTITUTE, US  
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[30] US (60/339,355) 2001-12-13  
[30] US (10/317,564) 2002-12-12

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[13] A1

[51] Int.Cl. 7B01D 63/06 7B01D 29/35  
[25] EN  
[54] FILTER ELEMENT AND FILTER APPARATUS FOR CROSS-FLOW FILTRATION PROCESSES  
[54] ELEMENT ET APPAREIL DE FILTRATION POUR PROCESSUS DE FILTRATION TANGENTIELLE  
[72] HEIDENREICH, STEFFEN, DE  
[72] BERGMANN, MARTIN, DE  
[72] WALCH, ASTRID, DE  
[71] PALL CORPORATION, US  
[85] 2004-06-11  
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[87] 2003-06-19 (WO2003/049842)  
[30] DE (101 60 855.1) 2001-12-12

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[13] A1

[51] Int.Cl. 7C07D 311/02 7C07D 409/04  
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[25] EN  
[54] SUBSTITUTED 6H-DIBENZO[C,H]CHROMENES AS ESTROGENIC AGENTS  
[54] 6H-DIBENZO[C,H]CHROMENES SUBSTITUES COMME SUBSTANCES OESTROGENIQUES  
[72] EDSALL, RICHARD JAMES, US  
[72] MEWSHAW, RICHARD ERIC, US  
[72] COHN, STEPHEN TODD, US  
[72] ALBERT, LEO MASSILLAMONEY, US  
[72] HARRIS, HEATHER ANNE, US  
[72] KEITH, JAMES CARL JR., US  
[71] WYETH COMPANY, US  
[85] 2004-06-11  
[86] 2002-12-12 (PCT/US2002/039802)  
[87] 2003-06-26 (WO2003/051863)  
[30] US (60/341,441) 2001-12-13

[21] 2,470,101  
[13] A1

[51] Int.Cl. 7B65H 19/26 7B65H 19/28  
[25] EN  
[54] METHOD FOR TRANSFERRING A RUNNING WEB ONTO A WINDING CORE AND DEVICE FOR IMPLEMENTING SAID METHOD  
[54] PROCEDE ET DISPOSITIF DE TRANSFERT D'UNE BANDE DE MATIERE EN DEPLACEMENT SUR UN MANDRIN D'ENROULEMENT  
[72] MADRZAK, ZYGMUNT, DE  
[72] WOHLFAHRT, MATTHIAS, DE  
[71] VOITH PAPER PATENT GMBH, DE  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/EP2002/014045)  
[87] 2003-06-19 (WO2003/050026)  
[30] DE (101 61 073.4) 2001-12-12  
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[25] EN  
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[54] CARBAZOLES 2,7-SUBSTITUES ET LEURS OLIGOMERES, POLYMERES ET COPOLYMERES  
[72] IRAQI, AHMED, GB  
[72] WATARU, ISAO, GB  
[71] THE UNIVERSITY OF SHEFFIELD, GB  
[85] 2004-06-11  
[86] 2002-12-11 (PCT/GB2002/005606)  
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[51] Int.Cl. 7H01M 8/16  
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[54] MEMBRANES BIOPOLYMERS STABILISEES DE COPOLYMERES BLOCS ET PILES A COMBUSTIBLE PRODUITES A L'AIDE DE CES DERNIERES  
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[72] SUN, HOI-CHEONG STEVE, US  
[71] POWERZYME, INC., US  
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[87] 2003-07-03 (WO2003/054995)  
[30] US (60/339,117) 2001-12-11  
[30] US (60/357,367) 2002-02-15  
[30] US (60/357,481) 2002-02-15  
[30] US (10/123,022) 2002-04-15  
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[30] US (10/123,039) 2002-04-15  
[30] US (10/123,021) 2002-04-15  
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[30] US (10/123,008) 2002-04-15  
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[25] EN  
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[54] NAPHTHALENES DE PHENYLE SUBSTITUES EN TANT QU'AGENTS OESTROGENIQUES  
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[72] ALBERT, LEO, MASSILLAMONEY, US  
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[71] WYETH COMPANY, US  
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[51] Int.Cl. 7B31B 1/00  
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[54] EMBALLAGES ET EBAUCHES UTILES POUR FORMER DES EMBALLAGES, PROCEDES ET APPAREIL CORRESPONDANTS  
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[72] WALSH, JOSEPH C., US  
[72] KASTANEK, RAYMOND S., US  
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[54] PRODUCTION D'ACIDES \$G(A)-AMINES ET D'ACIDES \$G(A)-AMINES N-SULFONYLES CHIRALEMENT PURS  
[72] RESNICK, LYNN, US  
[71] WYETH, US  
[85] 2004-06-11  
[86] 2002-11-26 (PCT/US2002/038117)  
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[25] EN  
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[72] CACIOLI, PAUL, AU  
[72] GROMELSKI, STANLEY J., US  
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[51] Int.Cl. 7G01N 7/00 7G01N 33/00  
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[54] SYSTEME DETECTEUR DE COMPOSES ORGANIQUES VOLATILS  
[72] SORINI-WONG, SUSAN S., US  
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[54] CATHETER DE TRANSFERT DE CELLULES DANS DES TISSUS  
[72] CONROY, MARK J., US  
[72] HAMMER, BRUCE E., US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
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[72] HEATON, TIMOTHY H., US  
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[13] A1

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[25] EN  
[54] METHOD FOR ENSURING SAFETY DURING FIRING WITH LIVE AMMUNITION  
[54] PROCEDE VISANT A ASSURER LA SECURITE DES PARTICIPANTS DANS LE CADRE D'EXERCICES DE TIR A BALLES REELLES  
[72] JUNGE, MANFRED, DE  
[72] SCHMEDEMANN, HELLMUTH, DE  
[71] RHEINMETALL DEFENCE ELECTRONICS GMBH, DE  
[85] 2004-06-10  
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[51] Int.Cl. 7G02B 6/36 7G02B 6/44  
[25] EN  
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[54] SYSTEME DE GESTION DE CABLAGE DE CONNEXION  
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[72] FROEHЛИCH, FRANZ-FRIEDRICH, DE  
[71] CCS TECHNOLOGY, INC., US  
[85] 2004-06-11  
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[13] A1

[51] Int.Cl. 7G01N 27/26  
[25] EN  
[54] BIOMATERIALS MEMBRANES AND FUEL CELLS PRODUCED THEREWITH  
[54] MEMBRANES BIOMATERIALS ET PILES A COMBUSTIBLE PRODUITES A L'AIDE DE CES MEMBRANES  
[72] SUN, HOI-CHEONG, STEVE, US  
[72] RITTS, ROSALYN, US  
[71] POWERZYME, INC., US  
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[86] 2002-08-08 (PCT/US2002/025116)  
[87] 2003-06-19 (WO2003/050896)  
[30] US (60/339,117) 2001-12-11  
[30] US (60/357,367) 2002-02-15  
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[51] Int.Cl. 7H01M 8/04  
[25] EN  
[54] BIOMATERIALS MEMBRANES OF BLOCK COPOLYMERS AND FUEL CELLS PRODUCED THEREWITH  
[54] MEMBRANES BIOMATERIALS DE COPOLYMERES SEQUENCES ET PILES A COMBUSTIBLES PRODUITES AVEC  
[72] KLATSKIN, SUSAN, US  
[72] LIPP, STEVEN ALAN, US  
[72] KAGANOWICZ, GRZEGORZ, US  
[72] WHIPPLE, RICHARD T., US  
[72] IPPOLITO, MARY LOUISE, US  
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[72] RITTS, ROSALYN, US  
[71] POWERZYME, INC., US  
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[30] US (10/123,022) 2002-04-15  
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[51] Int.Cl. 7G01N 25/00  
[25] EN  
[54] METHOD AND APPARATUS FOR UNIVERSAL METALLURGICAL SIMULATION AND ANALYSIS  
[54] PROCEDE ET DISPOSITIF POUR SIMULATION ET ANALYSE DE TYPE UNIVERSEL EN METALLURGIE  
[72] SOKOLOWSKI, JERZY H., CA  
[72] KIERKUS, WITOLD T., CA  
[72] KASPRZAK, WOJCIECH JAN, CA  
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[25] EN  
[54] METHOD AND DEVICE FOR DATA TRANSMISSION  
[54] TRANSMISSION DE DONNEES  
[72] NILSSON, MICHAEL ERLING, GB  
[72] GHANBARI, MOHAMMED, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-06-11  
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[72] WOB BEN, ALOYS, DE  
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[25] EN  
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[54] FERMETURE A BOUCHON A VIS EN DEUX PARTIES  
[72] STURK, RON, CA  
[72] LUBURIC, FRANO, US  
[71] APC PRODUCTS LIMITED, CA  
[71] ROPAK CORPORATION, US  
[85] 2004-06-10  
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[54] REGLAGE TEMPOREL DE FONCTION D'UTILISATION DE LA TELEVISION  
[72] RODRIGUEZ, ARTURO A., US  
[72] WEST, JOHN ERIC, US  
[72] HAMMETT, GEOFFREY G., US  
[72] BANKER, ROBERT O., US  
[71] SCIENTIFIC ATLANTA INC., US  
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[54] CHIFFREMENT D'UN CONTENU RECU  
[72] PINDER, HOWARD G., US  
[72] HOPPER, JEFFREY C., US  
[71] SCIENTIFIC ATLANTA INC., US  
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[54] CONNECTEUR MEDICAL POUR UN ENSEMBLE RESPIRATOIRE  
[72] CISE, DAVID M., US  
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[25] EN  
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[54] PROCEDE ET APPAREIL DE DESIMBRICATION DE FLUX DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS  
[72] YU, NAM-YUL, KR  
[72] HA, SANG-HYUCK, KR  
[72] KIM, MIN-GOO, KR  
[72] AHN, SEONG-WOO, KR  
[72] HEO, SEO-WEON, KR  
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[54] AMPLIFICATION RAMAN A FIBRE MICRODIMENSIONNEE  
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[72] BRAGHERI, ATILIO, IT  
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[85] 2004-06-11  
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[87] 2003-07-17 (WO2003/056991)  
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[30] US (10/152,794) 2002-05-23  
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[25] EN  
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[54] TAMPON VESTIBULAIRE D'ADMINISTRATION D'AGENT THERAPEUTIQUE  
[72] DVORACEK, BARBARA JO, US  
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
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[54] FILTRE D'EAU A RACCORD PAR EMBOITEMENT  
[72] YIU, CHAU CHAU, CA  
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[87] 2003-07-03 (WO2003/054310)  
[30] US (10/026,233) 2001-12-21

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[25] EN  
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[72] KEGELER, GARY H., US  
[71] ASTARIS LLC, US  
[85] 2004-06-14  
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[30] US (10/033,601) 2001-12-26

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[72] CLARK, JAMES W., US  
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[25] EN  
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[54] PROCEDE AMELIORE DE TRAITEMENT DE PRODUITS ALIMENTAIRES, D'ALIMENTS POUR ANIMAUX OU DE PRODUITS AGRICOLES PAR UN COMPOSE ANTIFONGIQUE POLYENE  
[72] WARMERDAM, MARTINUS JOHANNES MARIA, NL  
[72] STARK, JACOBUS, NL  
[72] RIJN VAN, FERDINAND THEODORUS JOZEF, NL  
[71] DSM N.V., NL  
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[54] ARTICLE ABSORBANT  
[72] FELLER, BRYAN KEITH, US  
[72] CHRISTON, PATRICIA LEE, US  
[72] HERNANDEZ, ROSA ALEJANDRA, US  
[72] GLASSMEYER, RONDA LYNN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[13] A1

[51] Int.Cl. 7B01L 3/00  
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[54] PLATEAUX A RESEAU ET PROCEDE DE FABRICATION ASSOCIE  
[72] SPENCE, ERIC, US  
[72] YAMAMOTO, MELVIN, US  
[71] AFFYMETRIX, INC., US  
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[54] CYCLONE SEPARATOR, LIQUID COLLECTING BOX AND PRESSURE VESSEL  
[54] SEPARATEUR HYDROCYCLONE, BOITE DE RECUPERATION DE LIQUIDE ET RECIPIENT SOUS PRESSION

[72] KOENE, FREDERIC PIERRE JOSEPH, NL

[72] BOS, ADRIAAN, NL

[71] KOENE, FREDERIC PIERRE JOSEPH, NL

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[54] UTILISATION DE LUMIERE PULSEE POUR DESACTIVER DES BACTERIES TOXIQUES ET PATHOGENES

[72] PANICO, LOUIS R., US

[71] XENON CORPORATION, US

[85] 2004-06-14

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[51] Int.Cl. 7C08F 10/00 7C07F 3/02  
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[25] EN

[54] SUPPORTED TITANIUM-CONTAINING FOR HOMO-, CO-, AND TER-POLYMERIZATION OF OLEFINS  
[54] CATALYSEUR SUPPORTE CONTENANT DU TITANE ACTIF UTILISE DANS L'HOMOPOLYMERISATION, LA COPOLYMERISATION ET LA TERPOLYMERISATION DE COMPOSES NON SATURES EN OLEFINES

[72] SANTI, ROBERTO, IT

[72] MASI, FRANCESCO, IT

[72] PROTO, ANTONIO, IT

[72] POLESELLO, MARIO, IT

[72] SOMMAZZI, ANNA, IT

[72] VALLIERI, ANDREA, IT

[71] POLIMERI EUROPA S.P.A, IT

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[51] Int.Cl. 7C08L 23/00

[25] EN

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[71] MEDIA PLUS, INC., US

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[54] COMPOSES DE CARBAMATE DE POLYETHER, COMPOSITIONS CONTENANT DE TELS COMPOSES, ET PROCEDES ASSOCIES

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[72] TAYLOR, CATHY A., US

[72] YICHUN JIA, CHRISTIANA, US

[72] HART, MICHAEL, US

[72] SWARUP, SHANTI, US

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[51] Int.Cl. 7A61K 31/685 7A61P 33/02

[25] EN

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[54] UTILISATION D'ALKYLPHOSPHOCHOLINES POUR TRAITER PREVENTIVEMENT DES MALADIES CAUSEES PAR DES PROTOZAIRES

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[71] ZENTARIS GMBH, DE

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[25] EN  
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[54] ARTICLES REVETUS DE POLYMERES MULTICOUCHE COLORES ET PROCEDE DE FABRICATION DE CES ARTICLES  
[72] VISTINS, MARIS, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
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[72] AMIDZICH, BRADFORD G., US  
[71] VENT-MATIC COMPANY, INC., US  
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[54] ARTICLE A FUMER VENTILE  
[72] SCHLUTER, ADOLF, DE  
[72] GRZONKA, HORST, DE  
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
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[71] BENTLEY PHARMACEUTICALS, INC., US  
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[25] EN  
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[54] COMPOSITIONS ET PROCEDE D'ADMINISTRATION POUR LE TRAITEMENT DE RIDES, FINS SILLONS ET DE L'HYPERHIDROSE  
[72] LU, MICHELLE ZHENG, US  
[72] DUGGAN, MICHELE C., US  
[72] KALAFSKY, ROBERT E., US  
[71] AVON PRODUCTS, INC., US  
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[13] A1

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[25] EN  
[54] USE OF DSRNAS IN STRATEGIC THERAPEUTIC INTERVENTION OF HIGHLY ACTIVE ANTIRETROVIRAL THERAPY  
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[72] STRAYER, DAVID R., US  
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[54] STRUCTURE D'ELECTRODE POUR DISPOSITIFS ELECTRONIQUES ET OPTOELECTRONIQUES  
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[72] GERMANN, ROLAND W., CH  
[72] RUHSTALLER, BEAT, CH  
[72] BEIERLEIN, TILMAN A., CH  
[72] CRONE, BRIAN, US  
[72] SEIDLER, PAUL, CH  
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[54] COMPRIME PELLICULE MATRICIEL A LIBERATION CONTROLEE DE MELANGES NATURELS D'OESTROGENES CONJUGUES  
[72] KRISTEN, GERHARD, DE  
[72] THUMBECK, BERND, DE  
[72] BUDDE, KLAUS, DE  
[72] WIARDS, MARGIT, DE  
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[30] EP (01129830.4) 2001-12-14

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[13] A1

[51] Int.Cl. 7A61K 9/16  
[25] EN  
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[54] PREFORMULATION POUR LA MISE EN COMPRISES DE MELANGES NATURELS D'OESTROGENES CONJUGUES  
[72] LERCH, MARTINA, DE  
[72] BONNACKER, INGO, DE  
[72] THUMBECK, BERND, DE  
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[54] NOUVELLE UTILISATION D'INHIBITEURS DE PDE5  
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[72] GRIMMINGER, FRIEDRICH JOSEF, DE  
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[72] GREIJER, THOMAS, SE  
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[71] STJERNSTROEM, KARL AXEL, SE  
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[13] A1

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[25] EN  
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[54] INHIBITEURS DE KINASE  
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[72] GIRANDA, VINCENT L., US  
[72] GONG, JIANCHUN, US  
[72] STOLL, VINCENT S., US  
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[72] PACKARD, GARRICK, US  
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[30] US (10/295,833) 2002-11-18

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[72] AHMADIAN, HALEH, DK  
[71] H. LUNDBECK A/S, DK  
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[30] US (60/340,450) 2001-12-14

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[72] STJERNSTROEM, KARL AXEL, SE  
[72] GREIJER, THOMAS, SE  
[71] ATLAS COPCO SECOROC AB, SE  
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[87] 2003-07-31 (WO2003/062586)  
[30] SE (0104377-7) 2001-12-21

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[51] Int.Cl. 7B65H 45/24  
[25] EN  
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[72] PURCELL, RICKY W., US  
[72] GLASS, ADAM, US  
[72] PADAK, RONALD R., US  
[72] EVANS, JOHN H., US  
[72] LONG, LESLIE T., US  
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[72] SAWCHUK, JEFFREY H., US  
[72] FISCHER-CALDERON, ERNESTO, US  
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[71] BP CORPORATION NORTH AMERICA INC., US  
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[54] LACTAMES AGISSANT COMME DES ANTAGONISTES DE LA TACHYKININE  
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[72] MIDDLETON, DONALD STUART, GB  
[71] PFIZER INC., US  
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[71] CATALINA MARKETING INTERNATIONAL, INC., US  
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[30] US (60/365,546) 2002-03-20

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[13] A1

[51] Int.Cl. 7D21H 23/04 7D21H 27/00  
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[25] EN  
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[54] PAPIER HYGIENIQUE ET SON PROCEDE DE PRODUCTION  
[72] MCCONNELL, WESLEY JAMES, US  
[72] HU, SHENG-HSIN, US  
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[72] HSU, JAY CHIEHLUNG, US  
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[30] US (10/034,881) 2001-12-27

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[51] Int.Cl. 7C09K 7/02  
[25] EN  
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[54] COMPOSITION DE TENSIOACTIF-POLYMER POUR FLUIDES DE FORAGE, DE FORAGE INTERNE ET DE COMPLETION AQUEUX, SENSIBLEMENT DEPOURVUS DE SOLIDES  
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[71] BAKER HUGHES INCORPORATED, US  
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[25] EN  
[54] DISK-BRAKE LOCK FOR A MOTORCYCLE  
[54] VERROUILLAGE DE FREIN A DISQUE DE MOTOCYCLE  
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[51] Int.Cl. 7C08G 18/08 7C08G 18/10  
[25] EN  
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[54] GANTS EN ELASTOMERE AVEC ENFILAGE FACILITE  
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[72] MODHA, SHANTI, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
[86] 2002-10-23 (PCT/US2002/034150)  
[87] 2003-07-17 (WO2003/057750)  
[30] US (10/036,743) 2001-12-21  
[30] US (10/223,583) 2002-08-19

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[13] A1

[51] Int.Cl. 7D21H 23/04 7D21H 17/05  
[25] EN  
[54] PROCESS FOR MANUFACTURING A CELLULOSIC PAPER PRODUCT EXHIBITING REDUCED MALODOR  
[54] PROCEDE POUR FABRIQUER UN ARTICLE EN PAPIER CELLULOSIQUE PRODUISANT UN NIVEAU REDUIT DE MAUVAISES ODEURS  
[72] SUN, TONG, US  
[72] TANNER, JAMES J., US  
[72] SPENCE, TAMEKA, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
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[30] US (10/038,877) 2001-12-31

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[13] A1

[51] Int.Cl. 7H05B 33/14 7C09K 11/00  
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[25] EN  
[54] ELECTROLUMINESCENCE ELEMENT AND PRODUCTION METHOD THEREFOR  
[54] ELEMENT ELECTROLUMINESCENT ET PROCEDE PERMETTANT DE PRODUIRE CET ELEMENT  
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[71] UEZAWA, TOSHIKAZU, JP  
[85] 2004-06-10  
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[51] Int.Cl. 7H01M 8/02 7H01M 8/10  
[25] EN  
[54] FUEL CELL-USE SEPARATOR  
[54] SEPARATEUR POUR PILE A COMBUSTIBLE  
[72] TASHIRO, NORIJI, JP  
[72] SUZUKI, TAKAYUKI, JP  
[71] HITACHI CHEMICAL COMPANY, LTD., JP  
[85] 2004-06-10  
[86] 2002-12-24 (PCT/JP2002/013453)  
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[30] JP (2001-398316) 2001-12-27  
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[13] A1

[51] Int.Cl. 7D21H 23/04 7D21H 17/64  
[25] EN  
[54] PROCESS FOR MANUFACTURING A CELLULOSIC PAPER PRODUCT EXHIBITING REDUCED MALODOR  
[54] PROCEDE POUR FABRIQUER UN ARTICLE EN PAPIER CELLULOSIQUE PRODUISANT UN NIVEAU REDUIT DE MAUVAISES ODEURS  
[72] SPENCE, TAMEKA, US  
[72] ANDERSON, RALPH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
[86] 2002-12-10 (PCT/US2002/039571)  
[87] 2003-07-17 (WO2003/057986)  
[30] US (10/039,237) 2001-12-31

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[51] Int.Cl. 7C09K 3/18  
[25] EN  
[54] A METHOD FOR INHIBITING FREEZE-CLUMPING OF AGGREGATE MATERIALS  
[54] PROCEDE D'INHIBITION DE L'AGGLUTINATION DUE AU GEL SUR DES MATERIAUX D'AGREGAT  
[72] SCHILLING, KEVIN H., US  
[71] GRAIN PROCESSING CORPORATION, US  
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[54] SYSTEM AND METHOD FOR ELECTRONIC CHECK CONVERSION AT A POINT-OF-SALE TERMINAL  
[54] SYSTEME ET PROCEDE POUR CONVERSION EN CHEQUE ELECTRONIQUE A UN TERMINAL POINT DE VENTE  
[72] HAYES, JEFFERY ALAN, US  
[72] RAEZER, MARK EVANS, US  
[72] GEORGE, JOHN L., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[25] EN  
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[54] NUCLEOSIDES N4-ACYLCYTOSINES POUR LE TRAITEMENT D'INFECTIONS VIRALES  
[72] WATANABE, KYOICHI A., US  
[72] OTTO, MICHAEL J., US  
[72] SHI, JUNXING, US  
[71] PHARMASSET, LTD., BB  
[85] 2004-06-14  
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[51] Int.Cl. 7A61K 9/00 7A61F 13/20  
[25] EN  
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[54] TAMPON MEDICAL  
[72] GEHLING, STEVEN CRAIG, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
[86] 2003-01-07 (PCT/US2003/000490)  
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[13] A1

[51] Int.Cl. 7F28F 3/08 7F28D 9/00  
[25] EN  
[54] A HEAT EXCHANGER PLATE, A PLATE PACK AND A PLATE HEAT EXCHANGER  
[54] PLAQUE D'ECHANGEUR THERMIQUE, GROUPE DE PLAQUES ET ECHANGEUR THERMIQUE A PLAQUES  
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[71] ALFA LAVAL CORPORATE AB, SE  
[85] 2004-06-14  
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[30] SE (0104282-9) 2001-12-18

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[13] A1

[51] Int.Cl. 7G02C 5/00  
[25] EN  
[54] A SPECTACLE FRAME  
[54] MONTURE DE LUNETTES  
[72] SPINDELBALKER, RUPERT, AT  
[71] SILHOUETTE INTERNATIONAL SCHMIED AG, AT  
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[30] AT (A 1984/2001) 2001-12-19

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[13] A1

[51] Int.Cl. 7F28D 1/03  
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[54] DECORATIVE RADIATOR  
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[72] STROOBANTS, MARCEL, BE  
[72] VERCAUTEREN, PIERRE, BE  
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[30] BE (2000/0791) 2000-12-15

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[54] SYSTEME DISTRIBUTEUR D'ALIMENTATION ANIMALE AUTOMATIQUE  
[72] DAVE W. VAAGS, CA  
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[85] 2004-06-14  
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[30] US (09/977,974) 2001-10-17

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[13] A1

[51] Int.Cl. 7A61L 2/00 7A61L 2/08 7A61L 2/16 7A61L 2/26  
[25] EN  
[54] METHOD FOR INACTIVATING BACTERIA AND LEUKOCYTES IN THROMBOCYTE SUSPENSIONS  
[54] PROCEDE D'INACTIVATION DE BACTERIES ET DE LEUCOCYTES DANS DES SUSPENSIONS TROMBOCYTAIRES  
[72] MOHR, HARALD, DE  
[71] BLUTSPENDEDIENST DER LANDESVERBANDE DES DEUTSCHEN ROTEN KREUZES NIEDERSACHSEN, OLDENBURG UND BREMEN G.G.M.B.H., DE  
[85] 2004-06-14  
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[30] DE (101 62 712.2) 2001-12-19

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[54] METHOD AND APPARATUS FOR ENHANCING FILTRATION YIELDS IN TANGENTIAL FLOW FILTRATION  
[54] PROCEDE ET APPAREIL D'AMELIORATION DES RENDEMENTS DE FILTRATION EN FILTRATION TANGENTIELLE  
[72] SCHICK, KARL G., US  
[71] SCILOG, INC., US  
[85] 2004-06-14  
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[30] US (09/977,454) 2001-10-15

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[51] Int.Cl. 7B65D 75/52  
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[54] EMBALLAGE PRESENTANT UNE ARMATURE GONFLEE  
[72] FERRI, ISABELLA, IT  
[72] GRANILI, ANDREA, US  
[72] SANTAGOSTINO, STEFANO, IT  
[72] ROVEDA, CARMEN, IT  
[72] PALUMBO, RICCARDO, IT  
[71] CRYOVAC, INC., US  
[85] 2004-06-14  
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[87] 2003-06-26 (WO2003/051740)  
[30] EP (01830780.1) 2001-12-19

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[25] EN  
[54] NETWORK SERVICE ZONE LOCKING  
[54] BLOCAGE DE ZONES D'UN SERVICE DE RESEAU  
[72] JERRIM, JOHN, US  
[72] COPELAND, JOHN A., III, US  
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[85] 2004-06-14  
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[13] A1

[51] Int.Cl. 7A61F 2/28  
[25] EN  
[54] MACHINABLE PREFORMED CALCIUM PHOSPHATE BONE SUBSTITUTE MATERIAL IMPLANTS  
[54] IMPLANTS EN SUBSTITUT OSSEUX EN PHOSPHATE DE CALCIUM, USINABLES ET PREFORMES  
[72] TOFIGHI, ALIASSGHAR N., US  
[72] KRAUSE, MICHELE, US  
[72] LEE, DOSUK D., US  
[71] ETEX CORPORATION, US  
[85] 2004-06-14  
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[30] US (10/027,656) 2001-12-21

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[51] Int.Cl. 7C01F 7/46  
[25] EN  
[54] A PROCESS FOR REMOVAL OF IMPURITIES FROM SECONDARY ALUMINA FINES AND ALUMINA AND/OR FLUORINE CONTAINING MATERIAL  
[54] PROCEDE D'ELIMINATION D'IMPURETES A PARTIR DE FINES D'ALUMINE SECONDAIRE ET D'UNE MATIERE CONTENANT DE L'ALUMINE ET/OU DU FLUOR  
[72] BADE, OTTO MORTEN, NO  
[72] DAHL, IVAR, NO  
[71] ALSTOM (SWITZERLAND) LTD., CH  
[85] 2004-06-14  
[86] 2002-12-17 (PCT/NO2002/000485)  
[87] 2003-06-26 (WO2003/051774)  
[30] NO (2001 6230) 2001-12-19

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[13] A1

[51] Int.Cl. 7G06F 17/30 7G06K 9/68  
[25] EN  
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[54] SYSTEMES, PROCEDES ET LOGICIELS DE CLASSEMENT DE DOCUMENTS  
[72] AL-KOFAHI, KHALID, US  
[71] WEST PUBLISHING COMPANY D/B/A WEST GROUP, US  
[85] 2004-06-14  
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[30] US (60/336,862) 2001-11-02

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[13] A1

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[25] EN  
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[54] BORD ET COIN DE PLATEAU DE TABLE  
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[71] LIFETIME PRODUCTS, INC., US  
[85] 2004-06-14  
[86] 2003-04-09 (PCT/US2003/010896)  
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[51] Int.Cl. 7A61C 8/00  
[25] EN  
[54] METHOD FOR PRODUCING A SURFACE STRUCTURE ON AN IMPLANT, AND SUCH AN IMPLANT  
[54] IMPLANT ET PROCEDE DE FABRICATION D'UNE STRUCTURE DE SURFACE SUR L'IMPLANT  
[72] HALL, JAN, SE  
[71] NOBEL BIOCARE AB, SE  
[85] 2004-06-14  
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[87] 2003-07-10 (WO2003/055405)  
[30] SE (0104350-4) 2001-12-21

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[51] Int.Cl. 7C07D 403/06 7C07D 209/00  
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[25] EN  
[54] PROTEIN KINASE INHIBITORS  
[54] INHIBITEURS DE LA PROTEINE KINASE  
[72] LIN, NAN-HORNG, US  
[72] XIA, PING, US  
[72] SHAM, HING L., US  
[71] ABBOTT LABORATORIES, US  
[85] 2004-06-14  
[86] 2002-12-12 (PCT/US2002/039641)  
[87] 2003-06-26 (WO2003/051838)  
[30] US (10/022,290) 2001-12-13

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[13] A1

[51] Int.Cl. 7A61C 8/00  
[25] EN  
[54] IMPLANT, AND METHOD AND SYSTEM FOR PRODUCING SUCH AN IMPLANT  
[54] IMPLANT ET PROCEDE ET SYSTEME DE PRODUCTION DUDIT IMPLANT  
[72] HALL, JAN, SE  
[71] NOBEL BIOCARE AB (PUBL), SE  
[85] 2004-06-14  
[86] 2002-12-18 (PCT/SE2002/002362)  
[87] 2003-07-10 (WO2003/055406)  
[30] SE (0104347-0) 2001-12-21

**[21] 2,470,310**  
[13] A1

[51] Int.Cl. 7B65D 33/16  
[25] EN  
[54] PAPER AND PLASTIC BAGS FLEXIBLE PACKAGES AND OTHER CONTAINERS WITH RE-CLOSABLE DEVICE AND METHOD OF MAKING THE SAME  
[54] SAC EN PAPIER ET EN PLASTIQUE, EMBALLAGES SOUPLES ET AUTRES CONTENANTS A DISPOSITIF REFERMABLE ET PROCEDE DE FABRICATION CORRESPONDANT  
[72] MCGREGOR, JAMES R., US  
[71] MCGREGOR, JAMES R., US  
[85] 2004-06-14  
[86] 2002-12-16 (PCT/US2002/040283)  
[87] 2003-06-26 (WO2003/051730)  
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[13] A1

[51] Int.Cl. 7A61K 38/36 7C07K 14/745  
[25] EN  
[54] LIQUID COMPOSITION OF MODIFIED FACTOR VII POLYPEPTIDES  
[54] COMPOSITION LIQUIDE DE POLYPEPTIDES VII A FACTEUR MODIFIÉ  
[72] KORNFELT, TROELS, DK  
[72] JENSEN, MICHAEL BECH, DK  
[72] HANSEN, BIRTHE LYKKEGAARD, DK  
[71] NOVO NORDISK A/S, DK  
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[87] 2003-07-10 (WO2003/055511)  
[30] DK (PA 2001 01948) 2001-12-21  
[30] DK (PA 2001 01949) 2001-12-21  
[30] US (60/346,888) 2002-01-07  
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[13] A1

[51] Int.Cl. 7A61K 31/70 7C12N 13/00  
[25] EN  
[54] METHODS FOR PARTICLE-ASSISTED POLYNUCLEOTIDE IMMUNIZATION USING A PULSED ELECTRIC FIELD  
[54] PROCEDES D'IMMUNISATION ASSISTEE PAR PARTICULES REPOSANT SUR L'UTILISATION D'UN CHAMP ELECTRIQUE PULSE  
[72] RABUSSAY, DIETMAR P., US  
[72] ZHANG, LEI, US  
[72] WIDERA, GEORG, US  
[71] GENETRONICS, INC., US  
[85] 2004-06-14  
[86] 2002-12-16 (PCT/US2002/040467)  
[87] 2003-06-26 (WO2003/051454)  
[30] US (60/340,784) 2001-12-14

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[13] A1

[51] Int.Cl. 7B65D 19/00  
[25] EN  
[54] PLASTIC PALLET  
[54] PALETTE EN PLASTIQUE  
[72] APPS, WILLIAM P., US  
[71] REHRIG PACIFIC COMPANY, US  
[85] 2004-06-14  
[86] 2002-12-17 (PCT/US2002/040494)  
[87] 2003-06-26 (WO2003/051726)  
[30] US (10/028,481) 2001-12-18

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[13] A1

[51] Int.Cl. 7E02D 1/02 7G01N 33/24  
[25] EN  
[54] PERCOLATION TEST APPARATUS  
[54] APPAREIL D'ESSAI DE PERCOLATION  
[72] POWER, MARTIN, IE  
[71] ARCAID INTERNATIONAL LIMITED, IE  
[85] 2004-06-14  
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[30] IE (S2001/1097) 2001-12-20

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[25] EN  
[54] **METHOD OF USING ELECTRICAL AND ACOUSTIC ANISOTROPY MEASUREMENTS FOR FRACTURE IDENTIFICATION**  
[54] **PROCEDE D'UTILISATION DE MESURES ELECTRIQUES ET D'ANISOTROPIE ACOUSTIQUE POUR L'IDENTIFICATION DE FRACTURE**  
[72] KRIEGSHAUSER, BERTHOLD, US  
[72] FANINI, OTTO N., US  
[72] YU, LIMING, US  
[72] WANG, TSILI, US  
[72] MOLLISON, RICHARD A., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2004-06-14  
[86] 2002-12-13 (PCT/US2002/040019)  
[87] 2003-07-03 (WO2003/054587)  
[30] US (60/341,595) 2001-12-13

[21] **2,470,336**

[13] A1

[51] Int.Cl. 7A61B 10/00 7B01L 3/00  
[25] EN  
[54] **CARRIER AND SPECIMEN-HANDLING TOOL FOR USE IN DIAGNOSTIC TESTING**  
[54] **SUPPORT ET OUTIL DE MANIPULATION D'ECHANTILLON DESTINES POUR TESTS DE DIAGNOSTIC**  
[72] PETERSON, KRISTY, US  
[72] MCMICHAEL, DONALD J., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
[86] 2002-06-13 (PCT/US2002/018736)  
[87] 2003-07-17 (WO2003/057042)  
[30] US (10/026,200) 2001-12-21

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[13] A1

[51] Int.Cl. 7D21H 23/26 7D21H 17/53  
[25] EN  
[54] **METHOD FOR REDUCING BAD SMELLS IN PAPER**  
[54] **PROCEDE POUR REDUIRE LES ODEURS INDESIRABLES GENEREES PAR DES SERVIETTES EN PAPIER**  
[72] SPENCE, TAMEKA, US  
[72] ANDERSON, RALPH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-06-14  
[86] 2002-12-10 (PCT/US2002/039570)  
[87] 2003-07-17 (WO2003/057987)  
[30] US (10/039,236) 2001-12-31

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[13] A1

[51] Int.Cl. 7H04N 7/30  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXTRACTING PIXEL VALUES**  
[54] **PROCEDE ET APPAREIL D'EXTRACTION DE VALEURS DE PIXEL**  
[72] JIANG, JIANMIN, GB  
[72] XU, LI-QUN, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-06-14  
[86] 2002-12-24 (PCT/GB2002/005924)  
[87] 2003-07-17 (WO2003/058972)  
[30] EP (02250075.5) 2002-01-07

[21] **2,470,339**

[13] A1

[51] Int.Cl. 7B01D 61/42  
[25] EN  
[54] **A METHOD AND APPARATUS FOR ISOLATION OF IONIC SPECIES BY ELECTRODIALYSIS**  
[54] **PROCEDE ET DISPOSITIF POUR L'ISOLATION D'UNE ESPECE IONIQUE DANS UN LIQUIDE**  
[72] RYPE, JENS-ULRIK, DK  
[72] JONSSON, GUNNAR, DK  
[72] GARDE, ARVID, DK  
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[30] DK (PA 2000 01862) 2000-12-12

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[51] Int.Cl. 7A23G 3/30 7B01J 13/02  
7A23P 1/04 7C12N 1/16  
[25] EN  
[54] **MICROCAPSULES AND ORAL COMPOSITIONS CONTAINING THE SAME**  
[54] **MICROCAPSULES ET COMPOSITIONS POUR ADMINISTRATION PAR VOIE ORALE CONTENANT CES MICROCAPSULES**  
[72] MAEDA, YOSHIAKI, JP  
[72] ORIKOSHI, HIDEYUKI, JP  
[72] SASAKI, YASUSHI, JP  
[72] HAYASHI, HIDEO, JP  
[71] SAN-EI GEN F.F.I., INC., JP  
[85] 2004-06-14  
[86] 2002-11-15 (PCT/JP2002/011940)  
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[30] JP (2001-350836) 2001-11-15

[21] **2,470,341**

[13] A1

[51] Int.Cl. 7B65D 33/00  
[25] EN  
[54] **METHOD OF OPENING FOR BAGS OF SUPPLE POLYMERIC MATERIAL SUBJECT TO INTERLAYER CLING**  
[54] **PROCEDE D'OUVERTURE DE SACS FAITS D'UN MATERIAU POLYMERIQUE SOUPLE A ADHERENCE INTERCOUCHE**  
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[71] BELL, KIM N.I., CA  
[85] 2004-06-15  
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[30] ZA (2000/7586) 2000-12-18

[21] **2,470,358**

[13] A1

[51] Int.Cl. 7H02K 21/12 7H02K 1/00  
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[25] EN  
[54] **APPARATUS AND PROCESS FOR GENERATING ENERGY**  
[54] **APPAREIL ET PROCEDE DE GENERATION D'ENERGIE**  
[72] SPRAIN, HARRY PAUL, US  
[71] M INTERNATIONAL, LLC, US  
[85] 2004-06-14  
[86] 2002-11-12 (PCT/US2002/036682)  
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[51] Int.Cl. 7B05D 3/12 7B05D 3/04 7C09D  
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[25] EN  
[54] METHOD FOR PRODUCING LAYERS  
[54] PROCEDE DE REALISATION DE REVETEMENTS  
[72] AUER, HEINZ-JOCHEN, DE  
[72] BELIK, PAVEL, DE  
[72] DESCH, WOLFRAM, DE  
[72] SCHOLL, SYBILLE, DE  
[72] STREIT, JUERGEN, DE  
[72] RAAB, DIETER, DE  
[72] KRALL, STEFAN, DE  
[71] ROEHM GMBH & CO., KG, DE  
[85] 2004-06-11  
[86] 2002-11-21 (PCT/EP2002/013056)  
[87] 2003-07-03 (WO2003/053596)  
[30] DE (101 63 681.4) 2001-12-21

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[13] A1

[51] Int.Cl. 7C07J 7/00 7A61P 17/06  
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[25] EN  
[54] PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF PSORIASIS AND OTHER SKIN DISEASES  
[54] COMPOSITION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DU PSORIASIS ET D'AUTRES PATHOLOGIES CUTANEES  
[72] LARRANAGA LAZCANO, LIDIA, ES  
[72] PIDAL FERNANDEZ, ROSALIA, ES  
[72] TOMASI SCIANO, GIUSEPPE, IT  
[71] LITAPHAR LABORATORIOS S.A., ES  
[85] 2004-06-10  
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[30] ES (P200102836) 2001-12-12

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[25] EN  
[54] SHIPPING SHARED SERVICES POSTAGE INDICIA  
[54] EXPEDITION DE MARQUES D'AFFRANCHISSEMENT A SERVICES COMMUNS  
[72] CONNELL, RICHARD A., US  
[72] MORGAN, PAMELA, US  
[72] GULLO, JOHN, US  
[72] WANISH, PAUL, US  
[72] HURD, JONATHAN J., JR., US  
[72] STICKLER, VANTRESA SCOTT, US  
[71] UNITED STATES POSTAL SERVICE, US  
[85] 2004-06-14  
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[87] 2003-05-22 (WO2003/042796)  
[30] US (60/335,605) 2001-11-15

[21] **2,470,361**  
[13] A1

[51] Int.Cl. 7H04B 10/20 7H04J 14/02  
[25] EN  
[54] PROTECTED BIDIRECTIONAL WDM NETWORK  
[54] RESEAU MRL BIDIRECTIONNEL PROTEGE  
[72] PERSSON, ULF NILS-AKE, SE  
[72] OEBERG, MAGNUS, SE  
[71] LUMENTIS AB, SE  
[85] 2004-06-14  
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[87] 2003-06-26 (WO2003/052978)  
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[30] US (60/340,493) 2001-12-18  
[30] SE (0202215-0) 2002-07-15

[21] **2,470,368**  
[13] A1

[51] Int.Cl. 7H05B 6/80 7B65D 81/34  
[25] EN  
[54] ABUSE-TOLERANT METALLIC PATTERN ARRAYS FOR MICROWAVE PACKAGING MATERIALS  
[54] MATRICES DE MOTIFS METALLIQUES TOLERANT LES MAUVAISES CONDITIONS D'UTILISATION POUR DES MATERIAUX D'EMBALLAGE DESTINES A LA CUISSON AUX MICRO-ONDES  
[72] LAI, LAURENCE M. C., CA  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2004-06-14  
[86] 2002-11-08 (PCT/US2002/035973)  
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[30] US (10/017,374) 2001-12-14

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[13] A1

[51] Int.Cl. 7A61K 9/50  
[25] EN  
[54] UNIFORM MICROCAPSULES  
[54] MICROCAPSULES UNIFORMES  
[72] STAHLER, GEORGE ARTHUR, US  
[72] SEEHAFER, TROY RONALD, US  
[71] APPLETON PAPERS INC., US  
[85] 2004-06-14  
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[30] US (10/099,757) 2002-03-13

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[13] A1

[51] Int.Cl. 7D01D 5/098 7D01F 6/04  
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[25] EN  
[54] HIGH ELONGATION, LOW DENIER FIBERS USING HIGH EXTRUSION RATE SPINNING  
[54] FIBRES DE FAIBLE DENIER, A ALLONGEMENT ELEVE, OBTENUES PAR FILAGE A VITESSE D'EXTRUSION ELEVEE  
[72] BOND, ERIC BRYAN, US  
[72] MELIK, DAVID HARRY, US  
[72] MANSFIELD, MICHELE ANN, US  
[72] ARORA, KELYN ANNE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-06-14  
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[13] A1

[51] Int.Cl. 7C07C 27/00 7C07C 27/06  
[25] EN  
[54] SLURRY BUBBLE REACTOR OPERATED IN WELL-MIXED GAS FLOW REGIME  
[54] REACTEUR A BULLES A COMBUSTIBLE EN SUSPENSION FONCTIONNANT DANS UN REGIME A FLUX GAZEUX HOMOGENE AGITE  
[72] ZHANG, JIAPING, US  
[72] ESPINOZA, RAFAEL L., US  
[72] MOHEDAS, SERGIO R., US  
[71] CONOCOPHILIPS COMPANY, US  
[85] 2004-06-14  
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[30] US (10/023,258) 2001-12-14

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[13] A1

[51] Int.Cl. 7C07D 295/08 7A61K 31/495  
[25] EN  
[54] N,N'-DISUBSTITUTED PIPERAZINE COMPOUNDS AND THEIR USE AS ANALGESICS  
[54] COMPOSES DE PIPERAZINE N,N'-DISUBSTITUES ET LEUR UTILISATION COMME ANALGESIQUES  
[72] HENNIES, HAGEN-HEINRICH, DE  
[72] SUNDERMANN, BERND, DE  
[72] MAUL, CORINNA, DE  
[72] BUSCHMANN, HELMUT, ES  
[72] URAGG, HEINZ, DE  
[71] GRUENTHAL GMBH, DE  
[85] 2004-06-11  
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[30] DE (101 61 644.9) 2001-12-14

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[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] ACCELERATED PROCESS IMPROVEMENT FRAMEWORK  
[54] CADRE D'AMELIORATION ACCELEREE D'UN PROCEDE  
[72] WONG, SAMUEL, US  
[72] MILLER, MICHAEL P., US  
[72] REBOK, CHRISTINE, US  
[72] DANG, GARY, US  
[72] HUCK, STEVEN, US  
[72] AU-YEUNG, ANNA, US  
[72] SURIEL, PEDRO, US  
[72] BENGZON, SARAH, US  
[71] ACCENTURE GLOBAL SERVICES GMBH, CH  
[85] 2004-06-14  
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[30] US (10/005,759) 2001-12-07

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[13] A1

[51] Int.Cl. 7B32B 3/12 7B21D 47/00  
[25] EN  
[54] HONEYCOMB MATERIAL AND METHODS FOR PRODUCING IT  
[54] MATERIAU EN NID D'ABEILLES ET PROCEDES DE PRODUCTION CORRESPONDANTS  
[72] ROUKEMA, MEES, NL  
[72] BOESENKOOL, ROELOF, NL  
[71] CORUS STAAL B.V., NL  
[85] 2004-06-10  
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[87] 2003-06-26 (WO2003/051625)  
[30] NL (1019575) 2001-12-14

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[13] A1

[51] Int.Cl. 7C12P 19/00 7C12N 5/00  
7C12N 5/02  
[25] EN  
[54] HERBAL COMPOSITION FOR IMPROVING ORAL HYGIENE, AND METHODS OF USING SAME  
[54] COMPOSITION MEDICINALE PERMETTANT D'AMELIORER L'HYGIENE BUCCALE ET PROCEDES D'UTILISATION CORRESPONDANT  
[72] WOLFSON, PHILIP E., US  
[71] PHYTOS, INC., US  
[85] 2004-06-10  
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[30] US (10/014,909) 2001-12-14

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[13] A1

[51] Int.Cl. 7G01N 27/327 7C12Q 1/00  
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[25] EN  
[54] IMPROVED BIOSENSOR AND METHOD  
[54] BIOCAPTEUR AMELIORE ET PROCEDE ASSOCIE  
[72] WINARTA, HANDANI, US  
[72] CAI, XIAOHUA, US  
[72] YOUNG, CHUNG CHANG, US  
[71] NOVA BIOMEDICAL CORPORATION, US  
[85] 2004-06-10  
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[30] US (09/919,126) 2001-07-31

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[13] A1

[51] Int.Cl. 7A61K 9/00 7A61K 31/726  
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[25] EN  
[54] COMBINATIONS OF VISCOELASTICS FOR USE DURING SURGERY  
[54] COMBINAISONS DE PRODUITS VISCOELASTIQUES A L'USAGE DE LA CHIRURGIE  
[72] JAFARI, MASOUD R., US  
[72] MARKWARDT, KERRY L., US  
[72] DOSHI, UDAY, US  
[71] ALCON, INC., CH  
[85] 2004-06-10  
[86] 2002-11-13 (PCT/US2002/036548)  
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[13] A1

[51] Int.Cl. 7E06B 9/322 7E06B 9/90  
[25] EN  
[54] BRAKE FOR A CORDLESS BLIND  
[54] DISPOSITIF DE BLOCAGE POUR UN STORE SANS FIL  
[72] CIUCA, ZAZU, US  
[72] PALMER, ROGER C., US  
[71] NEWELL WINDOW FURNISHINGS, INC., US  
[85] 2004-06-11  
[86] 2002-11-19 (PCT/US2002/037168)  
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[25] EN  
[54] LASER ETCHED SECURITY FEATURES FOR IDENTIFICATION DOCUMENTS AND METHODS OF MAKING SAME  
[54] ELEMENTS DE SECURITE GRAVE AU LASER DESTINES A DES DOCUMENTS D'IDENTIFICATION ET PROCEDES DE FABRICATION DE CES ELEMENTS  
[72] THEODOSSIOU, GEORGE, US  
[72] JONES, ROBERT, US  
[71] DIGIMARC ID SYSTEMS, LLC, US  
[85] 2004-06-11  
[86] 2002-12-24 (PCT/US2002/041644)  
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7C07D 498/10 7C07D 513/10 7A61K 31/438 7A61K 31/537  
[25] EN  
[54] SPIROAZACYCLIC COMPOUNDS AS MONOAMINE RECEPTOR MODULATORS  
[54] COMPOSES SPIROAZACYCLIQUES UTILISES COMME MODULATEURS DU RECEPTEUR DE MONOAMINE  
[72] SCHLIEGER, NATHALIE, DK  
[71] ACADIA PHARMACEUTICALS INC., US  
[85] 2004-06-11  
[86] 2002-12-23 (PCT/US2002/041476)  
[87] 2003-07-17 (WO2003/057698)  
[30] US (60/344,750) 2001-12-28

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[51] Int.Cl. 7C07D 417/06 7C07D 221/00  
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[25] EN  
[54] TETRAHYDROQUINOLINE ANALOGUES AS MUSCARINIC AGONISTS  
[54] ANALOGUES DE TETRAHYDROQUINOLINE UTILES COMME AGONISTES MUSCARINIQUES  
[72] FRIBERG, BO LENNART MIKAEL, SE  
[72] TOLF, BO-RAGNAR, DK  
[72] KOCH, KRISTIAN NORUP, DK  
[72] SKJAERBAEK, NIELS, DK  
[71] ACADIA PHARMACEUTICALS INC., US  
[85] 2004-06-11  
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[87] 2003-07-17 (WO2003/057672)  
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[13] A1

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7G06K 5/00  
[25] EN  
[54] SYSTEMS, COMPOSITIONS, AND METHODS FOR FULL COLOR LASER ENGRAVING OF ID DOCUMENTS  
[54] SYSTEMES, COMPOSITIONS ET PROCEDES DE GRAVURE AU LASER EN COULEUR DE DOCUMENTS D'IDENTIFICATION  
[72] JONES, ROBERT, US  
[71] DIGIMARC ID SYSTEMS, LLC, US  
[85] 2004-06-11  
[86] 2002-12-24 (PCT/US2002/041681)  
[87] 2003-07-10 (WO2003/056507)  
[30] US (60/344,674) 2001-12-24

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7A61K 31/4725 7A61K 31/496  
[25] EN  
[54] COMBINATION OF MTP INHIBITORS OR APOB SECRETION INHIBITORS WITH FIBRATES FOR USE AS DRUGS  
[54] COMBINAISON D'INHIBITEURS DE MTP OU D'INHIBITEURS DE SECRETIONS APOB AVEC DES FIBRATES EN VUE D'UNE UTILISATION COMME MEDICAMENT  
[72] THOMAS, LEO, DE  
[72] MARK, MICHAEL, DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
[85] 2004-06-14  
[86] 2003-01-07 (PCT/EP2003/000057)  
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[30] DE (102 00 633.4) 2002-01-10  
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7B60R 25/00 7B60R 16/02  
[25] EN  
[54] RECONFIGURABLE MENU DISPLAY FOR A VEHICLE NAVIGATION SYSTEM  
[54] AFFICHAGE DE MENU RECONFIGURABLE POUR SYSTEME DE NAVIGATION DE VEHICULE  
[72] KADI, ABDUL-MAJEED, US  
[72] PIETRAS, DAVID J., US  
[72] ISSA, NABIL M., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[22] 2004-01-19  
[41] 2004-07-31  
[30] US (10/355,568) 2003-01-31

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[13] A1  
[51] Int.Cl. 7G01N 1/00 7G01N 1/02  
7G01N 30/04 7G01N 1/28 7G01N 1/34  
[25] EN  
[54] DEVICE AND METHOD FOR MICRO SORBENT EXTRACTION AND DESORPTION  
[54] DISPOSITIF ET METHODE D'EXTRACTION ET DE DESORPTION MICRO SORBANT  
[72] PAWLISZYN, JANUSZ, CA  
[71] PAWLISZYN, JANUSZ, CA  
[22] 2004-05-13  
[41] 2004-05-13  
[30] US (60/333,062) 2001-11-26  
[30] CA (PCT/CA02/01811) 2002-11-26

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[13] A1  
[51] Int.Cl. 7H04L 12/16 7G06F 3/14  
7H04L 12/24 7H04L 12/54  
[25] EN  
[54] METHOD, APPARATUS, AND USER INTERFACE FOR MANAGING ELECTRONIC MAIL AND ALERT MESSAGES  
[54] METHODE, APPAREIL ET INTERFACE UTILISATEUR SERVANT A LA GESTION DU COURRIER ELECTRONIQUE ET DES MESSAGES D'AVERTISSEMENT  
[72] DALEY, PAUL, US  
[72] SAREEN, CHAITANYA DEV, US  
[72] WHITE, CHRISTOPHER CAMERON, US  
[72] BACIOIU, RADU, US  
[72] BEEMAN, ANTHONY JOSEPH, US  
[72] ARCURI, MICHAEL PHILIP, US  
[71] MICROSOFT CORPORATION, US  
[22] 2004-02-12  
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[30] US (10/367,271) 2003-02-14

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[13] A1  
[51] Int.Cl. 7B01D 46/10 7B01D 35/30  
[25] EN  
[54] AIR TREATMENT SYSTEM  
[54] SYSTEME DE TRAITEMENT DE L'AIR  
[72] O'CONNOR, JOHN F., JR., US  
[72] ABEREGG, DALE, US  
[72] NIEZGODA, THOMAS, US  
[72] RICK, BRADLEY G., US  
[72] PIPPEL, BRADLEY J., US  
[71] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[22] 1997-06-03  
[41] 1997-12-18  
[62] 2,256,443  
[30] US (08/661,589) 1996-06-11  
[30] US (08/665,004) 1996-06-11  
[30] US (08/665,003) 1996-06-11  
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[13] A1  
[51] Int.Cl. 7H04Q 7/36 7H04B 7/26  
[25] EN  
[54] CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATING DEVICE AND METHOD, AND FADING FREQUENCY DETERMINING DEVICE AND METHOD  
[54] METHODE ET DISPOSITIF D'ESTIMATION DE CANAL, METHODE ET DISPOSITIF DE DEMODULATION ET METHODE ET DISPOSITIF POUR DETERMINER L'AFFAIBLISSEMENT DE FREQUENCE  
[72] USUDA, MASAFUMI, JP  
[72] ONOE, SEIZO, JP  
[72] ANDO, HIDEHIRO, JP  
[72] ISHIKAWA, YOSHIHIRO, JP  
[72] OKUMURA, YUKIHIKO, JP  
[71] NTT DOCOMO, INC., JP  
[22] 2000-03-31  
[41] 2000-10-12  
[62] 2,333,954  
[30] JP (11-96804) 1999-04-02  
[30] JP (11-340638) 1999-11-30  
[30] JP (2000-82929) 2000-03-23

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[13] A1

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7G06F 3/14 7G06T 11/40  
[25] EN  
[54] IMAGE FILLING METHOD,  
APPARATUS AND COMPUTER  
READABLE MEDIUM FOR REDUCING  
FILLING PROCESS IN PRODUCING  
ANIMATION  
[54] METHODE DE REMPLISSAGE  
D'IMAGE ET APPAREIL ET SUPPORT  
LISIBLE PAR UN ORDINATEUR POUR  
REDUIRE LE PROCESSUS DE  
REMPLISSAGE DANS LA  
PRODUCTION D'ANIMATION  
[72] AOKI, MASAKATSU, JP  
[72] TERANISHI, KYOKO, JP  
[72] KOTANI, NAOYA, JP  
[71] NIPPON TELEGRAPH AND  
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[30] JP (11-145116) 1999-05-25  
[30] JP (11-152162) 1999-05-31  
[30] JP (11-204600) 1999-07-19  
[30] JP (2000-061221) 2000-03-06

[21] 2,471,150  
[13] A1

[51] Int.Cl. 7B01D 46/10 7B01D 35/30  
[25] EN  
[54] AIR TREATMENT SYSTEM  
[54] SYSTEME DE TRAITEMENT DE  
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[72] O'CONNOR, JOHN F., JR., US  
[72] ABEREGG, DALE, US  
[72] NIEZGODA, THOMAS, US  
[72] PIPPEL, BRADLEY J., US  
[72] RICK, BRADLEY G., US  
[71] ACCESS BUSINESS GROUP  
INTERNATIONAL LLC, US  
[22] 1997-06-03  
[41] 1997-12-18  
[62] 2,256,443  
[30] US (08/661,589) 1996-06-11  
[30] US (08/665,004) 1996-06-11  
[30] US (08/665,003) 1996-06-11  
[30] US (08/661,604) 1996-06-11  
[30] US (08/661,590) 1996-06-11  
[30] US (08/661,375) 1996-06-11

[21] 2,471,159  
[13] A1

[51] Int.Cl. 7G06T 11/40 7G06T 5/00  
7G06F 3/14  
[25] EN  
[54] IMAGE FILLING METHOD,  
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[54] METHODE DE REMPLISSAGE  
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[72] KOTANI, NAOYA, JP  
[72] TERANISHI, KYOKO, JP  
[72] AOKI, MASAKATSU, JP  
[71] NIPPON TELEGRAPH AND  
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[22] 2000-05-24  
[41] 2000-11-25  
[62] 2,309,378  
[30] JP (11-145116) 1999-05-25  
[30] JP (11-152162) 1999-05-31  
[30] JP (11-204600) 1999-07-19  
[30] JP (2000-061221) 2000-03-06

[21] 2,471,168  
[13] A1

[51] Int.Cl. 7G06T 11/40 7G06T 5/00  
[25] EN  
[54] IMAGE FILLING METHOD,  
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[54] METHODE DE REMPLISSAGE  
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[71] NIPPON TELEGRAPH AND  
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[22] 2000-05-24  
[41] 2000-11-25  
[62] 2,309,378  
[30] JP (11-145116) 1999-05-25  
[30] JP (11-152162) 1999-05-31  
[30] JP (11-204600) 1999-07-19  
[30] JP (2000-061221) 2000-03-06

[21] 2,471,364  
[13] A1

[51] Int.Cl. 7B60P 7/08 7B61D 45/00  
[25] EN  
[54] LOAD SECURING ANCHOR  
[54] ANCRAJE POUR SECURISER UN  
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[72] ZHAN, MARK Y., US  
[72] THOMSON, STUART H., US  
[71] HOLLAND COMPANY, US  
[22] 2000-12-13  
[41] 2001-06-13  
[62] 2,328,340  
[30] US (09/459,545) 1999-12-13

[21] 2,471,494  
[13] A1

[51] Int.Cl. 7A61D 7/00 7A61K 9/00  
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[25] EN  
[54] DELIVERY SYSTEM COMPRISING  
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[72] PEERY, JOHN R., US  
[72] MARUYAMA, FREDERICK H., US  
[72] ECKENHOFF, JAMES B., US  
[72] WRIGHT, JEREMY C., US  
[71] ALZA CORPORATION, US  
[22] 1991-01-18  
[41] 1991-07-25  
[62] 2,034,522  
[30] US (469,861) 1990-01-24

[21] 2,471,757  
[13] A1

[51] Int.Cl. 7A61L 27/34 7C08H 1/00  
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[54] ELASTIN, AND ELASTIN-BASED  
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[72] GREGORY, KENTON W., US  
[71] PROVIDENCE HEALTH SYSTEM-  
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[22] 1995-04-04  
[41] 1996-05-23  
[62] 2,205,038  
[30] US (08/341,881) 1994-11-15

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[21] **2,471,780**  
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[51] Int.Cl. 7A61B 19/10 7A61M 1/00  
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[25] EN  
[54] SURGICAL DRAPE AND SUCTION HEAD FOR WOUND TREATMENT  
[54] CHAMP STERILE ET BEC D'ASPIRATION POUR LE TRAITEMENT DES PLAIES  
[72] HEATON, KEITH PATRICK, GB  
[72] HUNT, KENNETH WILLIAM, GB  
[71] KCI LICENSING, INC., US  
[22] 1998-09-09  
[41] 1999-03-25  
[62] 2,303,085  
[30] GB (9719520.0) 1997-09-12

[21] **2,471,970**  
[13] A1

[51] Int.Cl. 7B41J 2/01  
[25] EN  
[54] HIGH DEFINITION THERMAL INK-JET PRINTER  
[54] IMPRIMANTE THERMIQUE HAUTE DEFINITION A JET D'ENCRE  
[72] ERTEL, JOHN P., US  
[72] VINCENT, KENT D., US  
[72] NGUYEN, MICHAEL A., US  
[71] HEWLETT-PACKARD COMPANY, US  
[22] 1991-08-20  
[41] 1992-04-20  
[62] 2,415,305  
[30] US (600,640) 1990-10-19

[21] **2,472,084**  
[13] A1

[51] Int.Cl. 7A23G 3/06 7A23G 3/02  
[25] EN  
[54] KNEADING DEVIVE AND ROPESIZER  
[54] DISPOSITIF DE PETRISSAGE ET CALIBREUSE DE BOUDINS  
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[72] MASUKAWA, SUMIO, JP  
[72] KIMURA, TSUGUO, JP  
[72] KANAI, AKISHIGE, JP  
[71] MORINAGA & CO., LTD., JP  
[22] 2000-11-13  
[41] 2002-05-13  
[62] 2,369,335

[21] **2,472,085**  
[13] A1

[51] Int.Cl. 7A61K 47/48 7A61P 7/00  
7C07K 1/113 7A61K 38/19 7A61K 47/30  
[25] EN  
[54] N-TERMINALLY CHEMICALLY MODIFIED PROTEIN COMPOSITIONS AND METHODS  
[54] COMPOSITIONS DE PROTEINES AYANT SUBI UNE MODIFICATION CHIMIQUE A L'EXTREMITE N-TERMINALE ET PROCEDES  
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[72] GABRIEL, NANCY E., US  
[72] DEPRINCE, RANDOLPH B., US  
[72] KINSTLER, OLAF B., US  
[71] AMGEN INC., US  
[22] 1995-02-08  
[41] 1996-04-25  
[62] 2,307,142  
[30] US (08/321,510) 1994-10-12

[21] **2,472,176**  
[13] A1

[51] Int.Cl. 7G01D 11/00 7G01D 11/24  
[25] EN  
[54] SENSOR  
[54] CAPTEUR  
[72] DREYER, VOLKER, DE  
[72] KUHNY, JUTTA, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1999-09-01  
[41] 2000-03-02  
[62] 2,281,216  
[30] EP (98 11 6545.9) 1998-09-02

[21] **2,472,355**  
[13] A1

[51] Int.Cl. 7B41J 2/21 7C09D 11/02  
[25] EN  
[54] INK JET PRINTING PROCESS  
[54] PROCEDE D'IMPRESSION PAR JET D'ENCRE  
[72] LUCA, DAVID J., US  
[72] SMITH, THOMAS W., US  
[72] MCGRANE, KATHLEEN M., US  
[72] LIMBURG, WILLIAM W., US  
[71] XEROX CORPORATION, US  
[22] 1999-08-05  
[41] 2000-03-11  
[62] 2,439,739  
[30] US (09/152,100) 1998-09-11

[21] **2,472,373**  
[13] A1

[51] Int.Cl. 7A61K 31/337 7A61K 9/00  
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[25] EN  
[54] COMBINATION OF PACLITAXEL AND A POLYMER  
[54] COMBINAISON DE PACLITAXEL ET D'UN POLYMER  
[72] HUNTER, WILLIAM L., CA  
[72] ARSENAULT, A. LARRY, CA  
[72] MACHAN, LINDSAY S., CA  
[71] ANGIOTECH PHARMACEUTICALS, INC., CA  
[22] 1994-07-19  
[41] 1995-02-02  
[62] 2,167,268  
[30] US (08/094,536) 1993-07-19

[21] **2,472,404**  
[13] A1

[51] Int.Cl. 7A61L 31/10 7A61K 9/00  
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[25] EN  
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[72] JACKSON, JOHN K., CA  
[72] ARSENAULT, A. LARRY, CA  
[72] HUNTER, WILLIAM L., CA  
[72] MACHAN, LINDSAY S., CA  
[72] BURT, HELEN M., CA  
[71] ANGIOTECH PHARMACEUTICALS, INC., CA  
[71] UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 1994-07-19  
[41] 1995-02-02  
[62] 2,167,268  
[30] US (08/094,536) 1993-07-19

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[13] A1

[51] Int.Cl. 7B65D 30/22 7B65D 30/02

7B65D 81/18 7B65D 85/50

[25] EN

[54] **IMPROVED CONTAINERS FOR**

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[54] **RECIPIENTS AMELIORES POUR**

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[72] BROOLING, CATHRINE, SE

[72] SKOLLING, OTTO, SE

[72] LUNDMARK, STEFAN, SE

[72] GUSTAFSSON, BO, SE

[71] FRESENIUS KABI AB, SE

[22] 1997-04-09

[41] 1997-10-16

[62] 2,250,152

[30] SE (9601348-7) 1996-04-10

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AMERICA INC.	2,470,234	COPELAND, JOHN A., III	2,470,294	FENG, ZIXIA	2,469,904
BRAGHERI, ATTILIO	2,470,136	CORNELIS DE JONG,		FENN-BARRABASS,	
BRILLHART, STEVEN	2,470,070	JOHANNES	2,468,413	CHRISTIAN	2,470,054
BRISCOE, MICHAEL D.	2,470,234	CORUS STAAL B.V.	2,470,462	FERGIONE, MICHAEL BRUCE	2,470,055
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BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	2,469,917	COX, RICHARD L.	2,470,112	IVAN	2,470,050
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	2,470,198	CRONE, BRIAN	2,470,206	FERRI, ISABELLA	2,470,292
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,468,143	CROWDEN, SCOTT	2,469,886	FIBERTEX A/S	2,470,047
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,470,128	CRYOVAC, INC.	2,470,292	FISCHER, BERND	2,469,848
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,470,346	CSL SILICÓNES INC.	2,470,237	FISCHER, JOHN P.	2,470,214
BRUMMAYER, MARKUS	2,470,022	CUYLEN, MICHAEL	2,470,086	FISCHER-CALDERON,	
BUDDE, KLAUS	2,470,207	CYSTOMEDIX, INC.	2,463,936	ERNESTO	2,470,234
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BUTURLIA, JOSEPH	2,470,068	DARVEAUX, BLAISE A.	2,469,695	FLOHR, ALEXANDER	2,469,876
C2CURE INC.	2,469,773	D'AURIA, JOHN MICHAEL	2,470,006	FRANK, SHERYL A.	2,469,695
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CAI, XIAOHUA	2,470,465	DAVE W. VAAGS	2,470,264	INC.	2,469,711
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CASE, BRIAN C.	2,466,270	DELGADO, JOE M.	2,469,814	FRISCH, LAWRENCE	2,463,882
CASSAYRE, JEROME	2,469,905	DESAI, SACHIN	2,470,051	FROEHLICH, FRANZ-	
CASTELHANO, ARLINDO L.	2,470,044	DESCH, WOLFRAM	2,470,360	FRIEDRICH	2,470,120
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CHANDRA, CLAUDIA	2,469,902	DIGIMARC ID SYSTEMS, LLC	2,469,938	DEVICES) LIMITED	2,468,444
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CHARTERHOUSE THERAPEUTICS LIMITED	2,469,976	DINGES, JURGEN	2,470,547	GANDHI, VIRAJ	2,470,214
CHARTERHOUSE THERAPEUTICS LIMITED	2,470,060	DIXON, CHRISTOPHER G.	2,470,600	GARDE, ARVID	2,470,339
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CHIARELLA, THOMAS	2,470,084	DOLITZKY, BEN-ZION	2,466,270	GARRISON, MIKE	2,466,270
CHIZH, BORIS	2,469,944	DOSHI, UDAY	2,470,070	GARTHWAITE, SUSAN M.	2,469,950
CHONG, KOK SENG	2,469,674	DOW CORNING CORPORATION	2,470,075	GEHLING, STEVEN CRAIG	2,470,256
CHRISTON, PATRICIA LEE	2,470,162	DRECHSLER, UTE	2,470,466	GEISER, KIMBERLY MARIE	2,470,146
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