

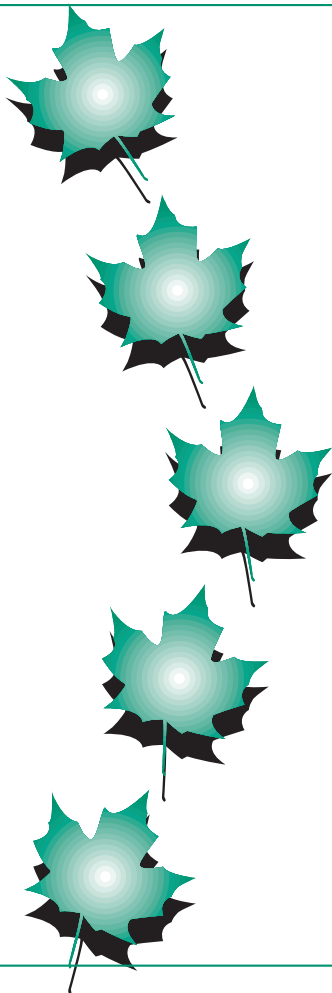


**Canadian  
Intellectual Property  
Office**

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Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 127, No. 48 November 30, 1999

Vol. 127, N° 48 le 30 novembre 1999

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier  
Acting Commissioner of Patents

P. Trépanier  
Commissaire intérimaire aux brevets

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The Patent 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-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

### Important Notice to Subscribers

Starting with the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) will no longer be managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have a choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until March 31, 2000, after which copies will be available for a fee.

To facilitate this transition, CIPO will automatically supply paper copies of the November editions of the *Patent Office Record* to all current subscribers. Clients who wish to continue receiving copies of this publication after November 30, 1999 should contact our office by November 15, 1999.

Contact us:

Website: <http://cipo.gc.ca> under Contact Us, Request Information related to Intellectual Property

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Fax: (819) 997-7771 (operational 24 hours a day)

### Avis important aux abonnés

Veuillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) cessera de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : [opic.gc.ca](http://opic.gc.ca). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'au 31 mars, 2000, après quoi des frais s'appliqueront.

Pour faciliter cette transition, l'OPIC distribuera automatiquement à ses abonnés les numéros de novembre sur support papier de la *Gazette du Bureau des brevets*. Les personnes qui désirent recevoir des exemplaires papier après le 30 novembre 1999 doivent en aviser notre bureau avant le 15 novembre 1999.

Pour communiquer avec nous :

Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

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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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

A complete list of country codes has been published in the issue of October 26, 1999 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

## 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

## 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 26 octobre 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

## 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

## 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

## 6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

## Avis

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Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

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

### 9. 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.

## Notices

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

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

2,069,711	2,146,908	2,271,540
2,271,541	2,271,542	2,271,543

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,136,800 which issued on November 30, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

### 10. 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.

2,069,711	2,146,908	2,271,540
2,271,541	2,271,542	2,271,543

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 30 novembre 1982 sont maintenant expirés, jusque et y compris le no. 1,136,800. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



**Avis**

**14. Patent Cooperation Treaty (PCT)**

**14. Traité de coopération en matière de brevets (PCT)**

**SCHEDULE OF FEES APPLICABLE  
AS OF JULY 15, 1999**

**BARÈME DE TAXES À PARTIR DU  
15 JUILLET 1999**

<b>FEES</b>	<b>AMOUNTS</b>
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	
4. <b>International Search Fee</b>	1,874.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.	

<b>TAXES</b>	<b>MONTANTS</b>
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	
4. <b>Taxe de recherche internationale</b>	1 874,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du 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.

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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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5. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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**Preliminary Examination**

**Examen préliminaire**

6. <b>Handling Fee:</b>	289.46 Deutsche Marks
(Rule 57.2(a))	148.00 Euro Dollars

6. <b>Taxe de traitement:</b>	289,46 marks allemands
(Règle 57.2(a))	148,00 dollars euro

7. <b>Preliminary Examination Fee:</b>	2,998.29 Deutsche Marks
(Rule 58)	1,533.00 Euro Dollars

7. <b>Taxe d'examen préliminaire:</b>	2 998,29 marks allemands
(Règle 58)	1 533,00 dollars euro

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

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

### 15. Avis PCT

#### **Exigences des signatures du PCT**

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

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

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

## 16. CIPO'S Y2K Contingency Procedures

The Canadian Intellectual Property Office (CIPO) has undertaken extensive preparations to ensure a smooth transition to the new millennium; however, we realize that, despite our efforts, disruptions in service may occur. We would like to take this opportunity to encourage our clients to minimize the risk of affecting their intellectual property rights by addressing important deadlines ahead of time.

CIPO has developed contingency plans in order to ensure that our clients receive uninterrupted service in the event of Year 2000 related disruptions. Alternative telephone and fax numbers in the National Capital Region have been installed in the event that regular communications channels are unavailable on or after January 4, 2000. Our website at <http://cipo.gc.ca> will be updated regularly with more information as it becomes available. Bulletins will be posted on our home page under "Y2K Updates".

Some of CIPO's systems, such as e-mail will be backed up on December 31, 1999 and may not be accessible that day. Clients who normally communicate by e-mail should use alternative methods or back up their e-mails with fax or other means.

CIPO's regular enquiries and fax numbers are:

Telephone: (819) 997-1936  
 Fax: (819) 953-CIPO (953-2476)

An alternative telephone number has been established for use **if service for our regular number is not available:**

Telephone: (613) 952-6951

In addition, during the period January 4, 2000 to January 14, 2000 inclusive, for the purposes of subsections 5(6) and 54(5) of the Patent Rules and subsection 3(6) of the Trade-marks Regulations (1996), correspondence addressed to the Commissioner of Patents or the Registrar of Trade-marks may be sent by facsimile to the following additional numbers:

Fax: (NCR) (613) 954-1894  
 Fax: (Toronto) (416) 973-8714  
 Fax: (Montreal) (514) 283-2247.

## 16. Procédures d'urgence de l'OPIC reliées à l'an 2000

L'Office de la propriété intellectuelle du Canada (OPIC) a entrepris des préparatifs détaillés pour assurer un passage sans interruption au nouveau millénaire. Toutefois, nous réalisons que, malgré tous nos efforts, il pourrait y avoir des interruptions aux services. Nous voudrions profiter de cette occasion pour encourager tous nos clients à minimiser les risques pouvant nuire à leurs droits en matière de propriété intellectuelle, en tenant compte au préalable des dates limites importantes.

L'OPIC a mis en place des plans d'urgence afin de veiller à ce que nos clients reçoivent un service sans interruption advenant un événement relié à la transition à l'an 2000. Nous avons prévu l'utilisation de numéros de téléphone et de télécopieur de remplacement dans la Région de la capitale nationale dans l'éventualité où les services de communication normaux ne seraient pas accessibles le 4 janvier 2000 ou après. Des mises à jour de notre site Web <http://opic.gc.ca> seront effectuées régulièrement. Des bulletins d'information seront affichés sur notre page d'accueil sous la rubrique « Nouvelles sur l'an 2000 ».

Des procédures de sauvegarde sur certains de nos systèmes informatiques, par exemple le courrier électronique, seront effectuées le 31 décembre 1999. Conséquemment, ces systèmes ne seront peut-être pas accessibles cette journée-là. Afin d'assurer la réception des documents, nous suggérons aux clients qui communiquent avec nous par courrier électronique de nous faire aussi parvenir leurs documents par télécopieur ou autres moyens.

Présentement, voici les numéros pour joindre nos services de renseignements :

Téléphone: (819) 997-1936  
 Télécopieur: (819) 953-OPIC (953-6742)

Un numéro de téléphone de remplacement a été identifié **advenant que le numéro ci-dessus ne fonctionne pas :**

Téléphone: (613) 952-6951

En outre, au cours de la période du 4 au 14 janvier 2000 inclusivement, aux fins des paragraphes 5 (6) et 54 (5) des Règles sur les brevets ainsi que du paragraphe 3 (6) des Règlements sur les marques de commerce (1996), toute correspondance à l'intention du Commissaire aux brevets ou du Registraire des marques de commerce peut être transmise par télécopieur aux numéros additionnels indiqués ci-dessous :

Télécopieur : (RCN) (613) 954-1894  
 Télécopieur : (Toronto) (416) 973-8714  
 Télécopieur : (Montréal) (514) 283-2247.

## Notices

Copyright, Industrial Design and Integrated Circuit Topography clients should use CIPO's main fax number and/or alternates as indicated above. These **alternative telephone and fax numbers should be used only if regular channels are unavailable** on or after January 4, 2000.

CIPO's regional offices as designated in the Patent Office Record of July 20, 1999 and the Trade-marks Journal of July 21, 1999, will continue to receive mail as usual. In addition, for the period January 4, 2000 to January 14, 2000 inclusive, for the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations (1996), paragraph 2(2)(b) of the Copyright Regulations, paragraph 3(2)(b) of the Industrial Designs Rules and paragraph 3(2)(b) of the Integrated Circuit Topography Regulations, the following is a designated establishment to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered:

Canada-Nova Scotia Business Service Centre  
1575 Brunswick Street  
Halifax, Nova Scotia  
B3J 2G1  
Tel.: (902) 426-6476

We would also like to remind our clients that documents may be sent by registered mail.

CIPO wishes all of our clients a very happy and successful millennium.

### 17. Lay-Open Applications

The Patent Office Record of November 30, 1999 contains laid-open applications from November 7, 1999 - November 13, 1999.

Les clients requérant des services relatifs au droit d'auteur, aux dessins industriels et aux topographies de circuits intégrés doivent utiliser le numéro de télécopieur principal de l'OPIC ou encore les numéros de remplacement indiqués ci-avant. Ces **numéros de téléphone et de télécopieur de remplacement ne devraient être utilisés que dans l'éventualité où les services de communication normaux ne seraient pas accessibles** le 4 janvier 2000 ou après.

Les bureaux régionaux de l'OPIC, tels que désignés dans la Gazette du Bureau des brevets du 20 juillet 1999 et le Journal des marques de commerce du 21 juillet 1999, continueront de recevoir le courrier comme à l'habitude. De plus, au cours de la période du 4 au 14 janvier 2000 inclusivement, aux fins des paragraphes 5 (4) et 54 (3) des Règles sur les brevets, du paragraphe 3 (4) des Règlements sur les marques de commerce (1996), de l'alinéa 2 (2) (b) du Règlement sur le droit d'auteur, de l'alinéa 3 (2) (b) des Règles régissant les dessins industriels et de l'alinéa 3 (2) (b) du Règlement sur les topographies de circuits intégrés, on pourra acheminer toute correspondance à l'intention du Commissaire aux brevets, du Registraire des marques de commerce, du Bureau du droit d'auteur ou du registraire des topographies à notre bureau de Halifax à l'adresse suivante :

Centre de Services Canada-Nouvelle-Écosse  
1575, rue Brunswick  
Halifax (Nouvelle-Écosse)  
B3J 2G1  
Téléphone : (902) 426-6476

Nous voudrions aussi rappeler à nos clients qu'ils peuvent nous faire parvenir leurs documents par courrier recommandé.

L'OPIC désire souhaiter à tous ses clients bon succès et joyeux millénaire!

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 7 novembre 1999 - 13 novembre 1999.

## Avis

# Canadian Patents Issued

November 30, 1999

## Brevets canadiens délivrés

30 novembre 1999

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[11] **1,340,830**  
[13] C  
[52] 195-1.29 195-1.32 530-13.00  
[51] **Int.Cl. 6C12P 21/02 6C07K 19/00 6C07K 14/58**  
[25] EN  
[54] **PROCESS FOR PRODUCTION OF PHYSIOLOGICALLY ACTIVE PEPTIDE CONTAINING CYSTEINE RESIDUE**  
[54] **METHODE POUR LA PREPARATION D'UN PEPTIDE PHYSIOLOGIQUEMENT ACTIF RENFERMANT UN GROUPE CYSTEINE**  
[72] Magota, Koji, JP  
[72] Oshima, Takehiro, JP  
[72] Tanaka, Shoji, JP  
[73] SUNTORY LIMITED, JP  
[21] **560,605**  
[22] 1988-03-04  
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[51] **Int.Cl. 6C12N 15/11 6C07H 21/02 6C12N 9/22 6A61K 48/00 6A61K 31/70**  
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[54] **RIBOZYMES**  
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[72] Gerlach, Wayne Lyle, AU  
[72] Haseloff, James Phillip, AU  
[72] Jennings, Phillip Anthony, AU  
[72] Cameron, Fiona Helen, AU  
[73] GENE SHEARS PTY. LIMITED, AU  
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[52] 195-1.235 167-37 167-130 195-1.22 530-13.00  
[51] **Int.Cl. 6C12N 15/38 6C07K 14/045 6G01N 33/569 6A61K 39/245**  
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[54] **RECOMBINANT CMV NEUTRALIZING PROTEINS**  
[54] **PROTEINES NEUTRALISANTES DE CMV RECOMBINANTES**  
[72] Spaete, Richard R., US  
[72] Pacht, Carol A., US  
[73] CHIRON CORPORATION, US  
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[51] **Int.Cl. 6C12N 5/08 6A61K 35/14 6C12Q 1/02 6G01N 33/60**  
[25] EN  
[54] **ACTIVATED KILLER MONOCYTES: TUMORICIDAL ACTIVITY AND METHOD OF MONITORING SAME**  
[54] **MONOCYTES TUEURS ACTIVES: ACTIVITE TUMORICIDE ET METHODE DE CONTROLE DE CEUX-CI**  
[72] Stevenson, Henry Colburn, US  
[73] UNITED STATES OF AMERICA, represented by the Secretary, U.S DEPARTMENT OF COMMERCE., US  
[21] **603,172**  
[22] 1989-06-19  
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[13] C  
[52] 195-1.22 167-103.45 530-13.00  
[51] **Int.Cl. 6C12N 15/18 6C07K 14/50 6A61K 38/18**  
[25] EN  
[54] **DERIVATIVES OF HUMAN/BOVINE BASIC FIBROBLAST GROWTH FACTOR**  
[54] **DERIVES DU FACTEUR DE CROISSANCE DU FIBROBLASTE DE BASE CHEZ L'HOMME ET LE BOVIN**  
[72] Bergonzoni, Laura, IT  
[72] Isacchi, Antonella, IT  
[72] Sarmientos, Paolo, IT  
[72] Cauet, Gilles, IT  
[73] FARMITALIA CARLO ERBA S.r.l., IT  
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[52] 195-1.22 195-1.29 195-1.38 195-122.6  
[51] **Int.Cl. 6C12N 15/75 6C12N 15/62 6C12N 1/21 6C12P 21/02**  
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[54] **EXPRESSION VECTORS AND METHODS FOR INTRACELLULAR PROTEIN PRODUCTION**  
[54] **VECTEURS D'EXPRESSION ET METHODES POUR LA PRODUCTION INTRACELLULAIRE DE PROTEINES**  
[72] Palva, Ilkka, FI  
[73] THE FINNISH NATIONAL PUBLIC HEALTH INSTITUTE, FI  
[21] **615,079**  
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[51] **Int.Cl. 6A61K 35/78 6A61K 31/785 6A61K 31/70**  
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[72] Broaddus, Charles David, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[21] **616,725**  
[22] 1993-09-20  
[30] US (138,976) 1987-12-29  
[30] US (142,037) 1988-01-08

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[13] C

[51] **Int.Cl. 6H05B 6/64 6H05B 6/80**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTINUOUS CHEMICAL REACTIONS**  
[54] **METHODE ET APPAREIL DE DECLENCHEMENT DE REACTIONS CHIMIQUES**  
[72] Strauss, Christopher Roy, AU  
[72] Faux, Alan Francis, AU  
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[22] 1989-10-10  
[30] AU (PJ0872) 1988-10-10  
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[54] **FIL METALLIQUE DE RIVE, POUR RESSORT INTERIEUR DE MATELAS**  
[72] Ayres, Donald Bruce, US  
[72] Forsthoff, Mark Alan, US  
[73] Hartco Company, US  
[22] 1989-10-16  
[30] US (07/360,127) 1989-06-01

[11] 2,001,447  
[13] C

[51] **Int.Cl. 5C09D 167/02**  
[25] EN  
[54] **WATER-BASE PAINT FOR COATING THE INSIDE SURFACE OF METALLIC CAN**  
[54] **PEINTURE A L'EAU POUR ENDUIRE LA SURFACE INTERIEURE D'UNE BOITE METALLIQUE**  
[72] Morinaga, Akio, JP  
[72] Kigami, Takeo, JP  
[73] MITSUI CHEMICALS, INC., JP  
[22] 1989-10-25  
[30] JP (275,494/88) 1988-10-31

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[54] **CLOSABLE VESSEL**  
[54] **RECIPIENT REFERMABLE**  
[72] Mutter, Heinz, CH  
[73] Sulzer Brothers Limited, CH  
[22] 1989-10-31  
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[54] **EXHAUST TREATING APPARATUS**  
[54] **DISPOSITIF D'ELIMINATION DES PRODUITS D'ECHAPPEMENT**  
[72] Brown, William R., US  
[73] Brown, William R., US  
[22] 1989-12-01

[11] 2,005,581  
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[51] **Int.Cl. 6H05K 1/02 6H01R 9/09 6H05K 1/18 6H01R 23/70**  
[25] EN  
[54] **SUBSTRATE CARRIER DEVICE**  
[54] **SUPPORT DE SUBSTRATS**  
[72] Bélanger, Thomas D., US  
[72] Johnson, Roy L., US  
[73] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 1989-12-14  
[30] US (286,181) 1988-12-19

[11] 2,007,764  
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[54] **SALSALATE TABLET**  
[54] **COMPRIME DE SALSALATE**  
[72] Beaurline, Joseph Michael, US  
[72] Schultz, Robert Keith, US  
[73] Riker Laboratories, Inc., US  
[22] 1990-01-15  
[30] US (314,788) 1989-02-24

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[51] **Int.Cl. 6H04M 11/00**  
[25] EN  
[54] **DATA TRANSMISSION ARRANGEMENT**  
[54] **SYSTEME DE TRANSMISSION DE DONNEES**  
[72] Gordon, Alastair T., CA  
[72] Reichmann, Michael H., CA  
[73] ALPHANET TELECOM INC., CA  
[22] 1990-01-25  
[30] US (305,113) 1989-02-02

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[51] **Int.Cl. 5H03K 19/0185**  
[25] EN  
[54] **NOISE REJECTING TTL TO CMOS INPUT BUFFER**  
[54] **TAMPON A REJECTION DU BRUIT MONTE ENTRE UN TTL ET L'ENTREE D'UN CMOS**  
[72] Wanlass, Frank, US  
[73] STANDARD MICROSYSTEMS CORPORATION, US  
[22] 1990-01-29  
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[54] **ORGANOGERMANIUM COMPOUNDS, PROCESSES FOR PRODUCING THE SAME AND AGENT FOR INHIBITING THE ACTIVITY OF OPIOID PEPTIDE-DEGRADING ENZYME**  
[54] **COMPOSES D'ORGANOGERMANIUM, PROCEDE DE PRODUCTION ET AGENT POUR INHIBER L'ACTIVITE D'UNE ENZYME DE DEGRADATION DES PEPTIDES OPIOIDES**  
[72] Kakimoto, Norihiro, JP  
[72] Yoshihara, Toru, JP  
[73] BIREMO SCIENCE CO., LTD., JP  
[22] 1990-01-29  
[30] JP (01-20624) 1989-01-30

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[54] **PROCESS FOR REDUCING THE PITCH CONTENT IN WOOD PULP**  
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[72] Blanchette, Robert A., US  
[72] Farrell, Roberta Lee, US  
[72] Hadar, Yitzhak, US  
[72] Merritt, Johnnie E., II, US  
[72] Snyder, Robert A., US  
[72] Wendler, Philip A., US  
[73] CLARIANT FINANCE (BVI) LIMITED, VG  
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[13] C

[51] **Int.Cl. 6B65H 3/08**  
[25] EN  
[54] **EXTENSIBLE WICKETS AND TILTABLE RECEPTACLES IN A TURN-STATION BAG FILLING SYSTEM**  
[54] **DISTRIBUTEURS TELESCOPIQUES ET RECEVEURS INCLINABLES DE SACS POUR REMPLISSEUSES-REVOLVER**  
[72] Su, Philip Penghui, US  
[73] CRYOVAC, INC., US  
[22] 1990-02-09  
[30] US (455,530) 1989-12-22

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[51] **Int.Cl. 6G01N 1/18 6C12M 3/00 6G01N 1/16 6C12M 1/26**  
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[54] **APPARATUS AND METHOD FOR PERIODIC ASEPTIC WITHDRAWAL OF LIQUID SAMPLES FROM A STERILE LIQUID SOURCE**  
[54] **APPAREIL ET METHODE POUR LE PRELEVEMENT ASEPTIQUE PERIODIQUE D'ECHANTILLONS DE LIQUIDE D'UNE SOURCE LIQUIDE STERILE**  
[72] Oakley, Robert V., US  
[73] BAXTER INTERNATIONAL INC., US  
[22] 1990-02-12  
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[13] C

[51] **Int.Cl. 6E04C 2/16 6E04B 1/86**  
[25] EN  
[54] **ACOUSTIC CONSTRUCTION PANEL**  
[54] **PANNEAU ACOUSTIQUE POUR LE BATIMENT**  
[72] Ducharme, Robert, CA  
[72] Boisvert, André, CA  
[72] Zinkewich, Johanne, CA  
[72] Laroche, Lucie, CA  
[73] Matériaux Cascades Inc. (Les), CA  
[22] 1990-02-16

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[13] C

[51] **Int.Cl. 6H01M 2/08 6H01M 6/06**  
[25] EN  
[54] **BATTERY IN A VACUUM SEALED ENVELOPING MATERIAL AND A PROCESS FOR MAKING THE SAME**  
[54] **BATTERIE SOUS ENVELOPPE SCHELLEE SOUS VIDE ET PROCEDE DE FABRICATION CONNEXE**  
[72] Fauteux, Denis, US  
[72] Austin, Robert A., US  
[73] MHB Joint Venture, US  
[22] 1990-03-08  
[30] US (331,334) 1989-03-30

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[51] **Int.Cl. 6F25B 1/00 6B60H 1/32**  
[25] EN  
[54] **TRANSPORT REFRIGERATION SYSTEM HAVING MEANS FOR ENHANCING THE CAPACITY OF A HEATING CYCLE**  
[54] **SYSTEME DE REFROIDISSEMENT PERMETTANT D'AUGMENTER LA CAPACITE D'UN CYCLE DE CHAUFFAGE**  
[72] Renken, David Jon, US  
[73] Thermo King Corporation, US  
[22] 1990-03-08  
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[51] **Int.Cl. 5G06F 15/20**  
[25] EN  
[54] **EXPERT SYSTEM APPARATUS AND METHODS**  
[54] **MATERIEL DE SYSTEME EXPERT**  
[72] Bolling, Richard W., US  
[72] Tychonievich, Louis P., US  
[72] Margrave, Geoffrey E., US  
[72] Shannon, David F., US  
[72] Rustici, Eric S., US  
[73] Wang Laboratories, Inc., US  
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[11] **2,012,731**  
[13] C

[51] **Int.Cl. 6B65H 49/02 6F42B 15/04 6F41G 7/32**  
[25] EN  
[54] **COIL OF VERY LONG OPTICAL FIBRE USABLE ON A WIRE-GUIDED MISSILE**  
[54] **BOBINE DE FIBRE OPTIQUE TRES LONGUE UTILISABLE AVEC UN MISSILE FILOGUIDE**  
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[72] Marec, Michel, FR  
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[13] C

[51] Int.Cl. 6D06M 23/02  
[25] EN  
[54] TREATMENT OF FABRIC WITH  
PERFUME/CYCLODEXTRIN  
COMPLEXES  
[54] TRAITEMENT D'UN TISSU AVEC  
UN COMPLEXE PARFUM/  
CYCLODEXTRINE  
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[72] Gardlik, John Michael, US  
[72] Benvegna, Fernando, US  
[72] Banks, Todd Jeffrey, US  
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[11] 2,014,270  
[13] C

[51] Int.Cl. 6B65B 11/56 6B65B 53/02  
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OVERWRAPPING CYLINDRICAL  
ARTICLES  
[54] METHODE ET APPAREIL POUR  
L'EMBALLAGE D'ARTICLES  
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[11] 2,014,848  
[13] C

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6A23L 3/3571  
[25] FR  
[54] PROCEDE DE TRAITEMENT D'UN  
PRODUIT ALIMENTAIRE NON  
LIQUIDE POUR ASSURER SA  
DECONTAMINATION MICROBIENNE,  
APPLICATIONS EN PARTICULIER  
AUX FROMAGES ET PREPARATION  
MERE POUR LA MISE EN OEUVRE  
DUDIT TRAITEMENT  
[54] PROCESS FOR THE TREATMENT  
OF A NON LIQUID FOOD PRODUCT TO  
INSURE ITS MICROBIAL  
DECONTAMINATION, APPLICATIONS  
PARTICULARLY TO CHEESES AND  
STOCK PREPARATION FOR THE  
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[73] Bio Serae Laboratoires S.A., Société  
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[13] C

[51] Int.Cl. 6C01B 33/193 6C08K 3/36  
[25] FR  
[54] SILICE SOUS FORME DE BILLE,  
PROCEDE DE PREPARATION ET SON  
UTILISATION AU RENFORCEMENT  
DES ELASTOMERES  
[54] SILICIUM IN BALL FORM,  
PROCESS AND USE THEREOF FOR  
REINFORCING ELASTOMERS  
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[13] C

[51] Int.Cl. 6C23F 11/14  
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[13] C

[51] Int.Cl. 5A01N 65/00  
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D'AZADIRACTINE SE CONSERVANT  
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[11] 2,018,815  
[13] C

[51] Int.Cl. 6A61G 7/05  
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[73] Laurentian Hospital, CA  
[22] 1990-06-12

[11] 2,019,035  
[13] C

[51] Int.Cl. 6C07K 14/58  
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COMPOSITIONS  
[54] COMPOSE  
RADIOPHARMACEUTIQUE  
STABILISE  
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[51] Int.Cl. 6H03L 7/08 6H03D 13/00  
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[72] Takagi, Kotaro, JP  
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[11] 2,020,226  
[13] C

[51] Int.Cl. 6C09K 3/18  
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MELTING  
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[13] C

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6B65H 19/18  
[25] EN  
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EXTENSION MACHINE  
[54] MACHINE EFFECTUANT LE  
DECOULEMENT D'UN MATERIAU EN  
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[13] C

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[54] **METHODE DE PRODUCTION D'ADN RECOMBINANT ET CELLULES HOTE**  
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[11] **2,025,951**  
[13] C

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[72] McCandless, James C., US  
[72] Zlock, Milan E., US  
[72] Wood, Terry G., US  
[72] Oehlerking, Dale A., US  
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[11] **2,027,856**  
[13] C

[51] **Int.Cl. 6A61B 17/64**  
[25] EN  
[54] **UNILATERAL EXTENSIBLE EXTERNAL CLAMP FOR TREATING BONE DISEASES**  
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[11] **2,030,795**  
[13] C

[51] **Int.Cl. 6C07K 14/585 6A61K 38/23**  
[25] EN  
[54] **NOVEL PHYSIOLOGICALLY ACTIVE PEPTIDE AND CALCIUM METABOLISM-REGULATING AGENT COMPRISING SAID PEPTIDE AS EFFECTIVE INGREDIENT**  
[54] **NOUVEAU PEPTIDE PHYSIOLOGIQUEMENT ACTIF; AGENT REGULATEUR DU METABOLISME DU CALCIUM, RENFERMANT LEDIT PEPTIDE COMME INGREDIENT ACTIF**  
[72] Orłowski, Ronald C., US  
[72] Hanamura, Satoshi, JP  
[72] Marumoto, Masahiko, JP  
[72] Sakamoto, Kenji, JP  
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[73] Tsumura & Co., JP  
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[30] US (07/341,800) 1989-04-21  
[30] US (07/437,350) 1989-11-16

[11] **2,032,184**  
[13] C

[51] **Int.Cl. 5D06M 13/10**  
[25] EN  
[54] **USE OF AMINOXIDES AS ANTISTATIC AGENTS**  
[54] **UTILISATION DES OXYDES D'AMINES COMME AGENTS ANTISTATIQUES**  
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[13] C

[51] **Int.Cl. 6C11D 1/22 6C11D 11/04 6C11D 17/06**  
[25] EN  
[54] **DETERGENT COMPOSITIONS AND PROCESS FOR PREPARING THEM**  
[54] **COMPOSITIONS DETERGENTES ET PROCEDE DE PREPARATION CONNEXE**  
[72] Evans, David George, GB  
[72] McLeod, Gordon George, GB  
[72] Peter, Donald, GB  
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[11] **2,035,752**  
[13] C

[51] **Int.Cl. 6B01J 27/185 6C07C 51/377**  
[25] FR  
[54] **SYSTEME CATALYTIQUE ET SON APPLICATION A L'OXYDESHYDROGENATION D'ACIDES CARBOXYLIQUES SATURES**  
[54] **CATALYTIC SYSTEM AND APPLICATION TO THE OXYDEHYDROGENATION OF SATURATED CARBOXYLIC ACIDS**  
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[72] Huchette, Dominique, FR  
[73] ATOCHEM, FR  
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[30] FR (90 01391) 1990-02-07

[11] **2,036,539**  
[13] C

[51] **Int.Cl. 5A01N 43/40 5A01N 33/12**  
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[54] **AGENT D'ACTIVATION DE BIOCIDES**  
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[72] Iwasaki, Tetsuji, JP  
[73] Kao Corporation, JP  
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[11] **2,041,366**  
[13] C

[51] **Int.Cl. 6G11B 11/10 6G11B 13/04**  
[25] EN  
[54] **RECORDING AND/OR REPRODUCING APPARATUS FOR USING MAGNETO-OPTICAL DISC**  
[54] **APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE UTILISANT UN DISQUE MAGNETO-OPTIQUE**  
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[73] Sony Corporation, JP  
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[25] EN  
[54] CONTAINERS  
[54] CONTENEURS  
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[72] Claydon, Paul Charles, GB  
[73] CarnaudMetalbox plc, GB  
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[30] GB (8923909.9) 1989-10-24

[11] 2,044,455  
[13] C

[51] Int.Cl. 6C22C 38/12 6C21D 7/13  
6C22C 38/14  
[25] EN  
[54] HOT-ROLLED MICROALLOYED  
STEEL AND ITS USE IN VARIABLE-  
THICKNESS SECTIONS  
[54] ACIER A MICRO-ALLIAGE  
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VARIABLE  
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[72] Hansen, Steven S., US  
[73] BETHLEHEM STEEL  
CORPORATION, US  
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[30] US (07/598,283) 1990-10-16

[11] 2,045,544  
[13] C

[51] Int.Cl. 6E04H 3/10 6E04B 7/00 6E04B  
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STRUCTURE AND METHOD  
[54] DOME RETRACTABLE ET  
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[72] Reppas, George S., US  
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[22] 1990-01-24  
[30] US (302,301) 1989-01-25

[11] 2,047,219  
[13] C

[51] Int.Cl. 6F01L 13/06 6F02D 13/04  
[25] EN  
[54] A METHOD AND A DEVICE FOR  
ENGINE BRAKING A FOUR STROKE  
INTERNAL COMBUSTION ENGINE  
[54] UNE METHODE ET UN  
DISPOSITIF POUR LE FREINAGE PAR  
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COMBUSTION INTERNE  
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[72] Danielson, Ola, SE  
[73] AB Volvo, SE  
[85] 1991-08-14  
[86] 1990-02-15 (PCT/SE90/00102)  
[87] (WO90/09514)  
[30] SE (8900517-7) 1989-02-15

[11] 2,050,260  
[13] C

[51] Int.Cl. 6B01D 53/32  
[25] EN  
[54] ELECTROCHEMICAL PROCESS  
AND APPARATUS FOR REDUCING  
OXIDANTS OF VEHICLE INTERIOR  
AIR  
[54] PROCEDE ELECTROCHIMIQUE  
ET APPAREIL SERVANT A REDUIRE  
LA TENEUR EN OXYDANTS DE L'AIR  
A L'INTERIEUR DE L'HABITACLE  
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[72] Kummer, Joseph Talbot, US  
[73] FORD MOTOR COMPANY OF  
CANADA, LIMITED, CA  
[22] 1991-08-29  
[30] US (07/591,326) 1990-10-01

[11] 2,051,125  
[13] C

[51] Int.Cl. 6G01N 21/25 6G01J 3/30  
[25] EN  
[54] TRANSIENT SPECTROSCOPIC  
METHOD AND APPARATUS FOR IN-  
PROCESS ANALYSIS OF MOLTEN  
METAL  
[54] METHODE ET APPAREIL DE  
SPECTROSCOPIE TRANSITOIRE  
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[73] LEHIGH UNIVERSITY, US  
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[86] 1990-04-20 (PCT/US90/02078)  
[87] (WO90/13008)  
[30] US (341,748) 1989-04-21

[11] 2,053,266  
[13] C

[51] Int.Cl. 6C08F 4/649 6C08F 10/00  
6C08F 10/04 6C08F 10/14 6C08F 4/654  
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[54] PROCEDE ET CATALYSEUR DE  
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[73] UNION CARBIDE CHEMICALS &  
PLASTICS TECHNOLOGY  
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[87] (WO90/12816)  
[30] US (07/342,832) 1989-04-25

[11] 2,059,046  
[13] C

[51] Int.Cl. 6C23C 16/02 6G02B 5/02  
6C23C 14/02 6C23C 14/06 6C23C 16/06  
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[25] EN  
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[72] Fuchs, Roman, CH  
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[13] C

[51] **Int.Cl. 5H04B 10/12**  
[25] EN  
[54] **OPTICAL-FIBRE TELECOMMUNICATION LINE WITH OPTICAL AMPLIFIERS, PROVIDED WITH PROTECTION MEANS IN A POSITION OF INTERRUPTING THE LIGHT EMISSION ALONG THE ENTIRE LINE IN THE PRESENCE OF AN INTERRUPTION OF THE OPTICAL FIBRE AND OF RE-ACTIVATING IT AUTOMATICALLY WHEN ITS CONTINUITY IS RESTORED**  
[54] **LIGNE DE TELECOMMUNICATION A FIBRE OPTIQUE COMPORTANT DES AMPLIFICATEURS OPTIQUES DOTEE D'UN DISPOSITIF DE PROTECTION POUVANT INTERROMPRE L'EMISSION DE LUMIERE DANS LA LIGNE EN CAS DE RUPTURE DE LA FIBRE OPTIQUE ET LA RETABLIR LORSQUE LA CONTINUITE DE LA FIBRE EST RETABLIE**  
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[72] Righetti, Aldo, IT  
[72] Tamburello, Mario, IT  
[73] Pirelli Cavi S.p.A., IT  
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[30] IT (MI91 A 000863) 1991-03-29

[11] **2,065,434**  
[13] C

[51] **Int.Cl. 6C07D 487/04 6C07D 519/00 6A61K 31/505 6A61K 31/535 6A61K 31/54 6A61K 31/55**  
[25] EN  
[54] **PYRROLO-2,3-D|PYRIMIDINE DERIVATIVES, PROCESS FOR PRODUCING THE SAME AND PHARMACEUTICAL PREPARATION COMPRISING THE SAME AS ACTIVE INGREDIENT**  
[54] **DERIVES DE LA PYRROLO-2,3-D|PYRIMIDINE; METHODE DE PREPARATION; COMPOSITION PHARMACEUTIQUE RENFERMANT CE TYPE DE DERIVE COMME PRINCIPE ACTIF**  
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[72] Hasegawa, Masaichi, JP  
[72] Kataoka, Kenichiro, JP  
[72] Hoshina, Kenji, JP  
[72] Yamazaki, Noboru, JP  
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[87] (WO91/04254)  
[30] JP (1-242933) 1989-09-19

[11] **2,065,819**  
[13] C

[51] **Int.Cl. 6C08L 9/00 6C08L 47/00 6C08F 8/42**  
[25] EN  
[54] **DIENE POLYMERS AND COPOLYMERS JUMPED BY PARTIAL CROSSLINKING AND TERMINATED WITH A SUBSTITUTED IMINE**  
[54] **COPOLYMERES ET POLYMERES DIENIQUES, ASSOCIES PAR RETICULATION PARTIELLE ET TERMINEES PAR UN GROUPE IMINE SUBSTITUE**  
[72] Lawson, David F., US  
[72] Stayer, Mark L., Jr., US  
[72] Antkowiak, Thomas A., US  
[72] Schreffler, John R., US  
[73] Bridgestone/Firestone, Inc., US  
[22] 1992-04-10  
[30] US (684,106) 1991-04-12

[11] **2,066,463**  
[13] C

[51] **Int.Cl. 6C25D 17/10 6C25D 17/00 6C25C 7/02**  
[25] EN  
[54] **EDGE STRIP**  
[54] **BANDE DE RIVE POUR CATHODE EN PLAQUE**  
[72] Webb, Wayne K., AU  
[72] Schonfeldt, Martin K., AU  
[72] Lillicrap, Damian G., AU  
[73] Copper Refineries Pty. Ltd., AU  
[22] 1992-04-21  
[30] AU (75360/91) 1991-04-23

[11] **2,069,022**  
[13] C

[51] **Int.Cl. 6B27L 1/10 6A01G 23/095**  
[25] EN  
[54] **FLAIL DRUM SYSTEM**  
[54] **SYSTEME DE TAMBOURS A FLEAUX**  
[72] Robison, Milan W., US  
[73] MORBARK, INC.,  
[22] 1992-05-20  
[30] US (07/834,597) 1992-02-12

[11] \* **2,069,711**  
[13] C

[51] **Int.Cl. 5G06F 9/46**  
[25] EN  
[54] **MULTI-MEDIA SIGNAL PROCESSOR COMPUTER SYSTEM**  
[54] **ORDINATEUR MULTIMEDIA A PROCESSEUR DE SIGNAUX**  
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[72] Ware, Malcolm Scott, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1992-05-27  
[30] US (761,534) 1991-09-18

[11] **2,071,264**  
[13] C

[51] **Int.Cl. 6H03K 4/14**  
[25] EN  
[54] **REGULATED DELAY LINE**  
[54] **LIGNE A RETARD REGULEE**  
[72] Lou, Perry W., US  
[73] Brooktree Corporation, US  
[22] 1992-06-15  
[30] US (717,004) 1991-06-18

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[13] C

[51] **Int.Cl. 6B41J 2/175**  
[25] EN  
[54] **INK TANK WITH PRESSURE REGULATION MEANS, INK JET CARTRIDGE HAVING SAID TANK AND RECORDING APPARATUS THEREFOR**  
[54] **RESERVOIR D'ENCRE COMPORTANT UN REGULATEUR DE PRESSION, CARTOUCHE D'IMPRESSION A JET D'ENCRE CORRESPONDANTE ET ENREGISTREUR CONNEXE**  
[72] Kitani, Masashi, JP  
[72] Hattori, Yoshifumi, JP  
[72] Suzuki, Etsuro, JP  
[72] Saikawa, Hideo, JP  
[72] Kojima, Masami, JP  
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[72] Tanno, Koichi, JP  
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[22] 1992-06-17  
[30] JP (3-147394) 1991-06-19  
[30] JP (3-147401) 1991-06-19

[11] 2,071,860  
[13] C

[51] **Int.Cl. 6G08B 13/24**  
[25] EN  
[54] **MAGNETIC PROPERTY MODIFICATION**  
[54] **MODIFICATION DES PROPRIETES MAGNETIQUES**  
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[72] Chambers, Stephen Henry, GB  
[73] Esselte Meto International Produktions GmbH, DE  
[85] 1992-06-12  
[86] 1991-10-14 (PCT/GB91/01783)  
[87] (WO92/07343)  
[30] GB (9022318.1) 1990-10-15

[11] 2,075,282  
[13] C

[51] **Int.Cl. 6A61K 7/32**  
[25] EN  
[54] **ALTERNATIVE ENZYME SUBSTRATES AS DEODORANTS**  
[54] **SUBSTRATS ENZYMATIQUES ALTERNATIFS UTILISES COMME DEODORANTS**  
[72] Lyon, Sue B., US  
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[72] Van Der Lee, Hermes, US  
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[86] 1991-01-28 (PCT/US91/00569)  
[87] (WO91/11988)  
[30] US (478,363) 1990-02-12

[11] 2,077,121  
[13] C

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[72] McMichael, James C., US  
[72] Cobb, James T. Jr., US  
[72] Rohrer, Wesley M. Jr., US  
[72] Custer, Phillip E. II, US  
[72] Elsubki, Taha M., US  
[73] Cannon Boiler Works, Inc., US  
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[11] 2,078,560  
[13] C

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[25] EN  
[54] **POROUS, ABSORBENT, POLYMERIC MACROSTRUCTURES AND METHODS OF MAKING THE SAME**  
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[72] Berg, Charles John, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[11] 2,079,077  
[13] C

[51] **Int.Cl. 6A61L 25/00 6A61K 35/14**  
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[54] **COLLE PHYSIOLOGIQUE PREPAREE AU MOYEN D'UN CRYOPRECIPITE**  
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[11] 2,085,238  
[13] C

[51] **Int.Cl. 6G01T 1/16 6G01T 1/161 6G01T 1/164 6G01T 1/20**  
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[54] **SONDE BETA INTRA-OPERATOIRE ET METHODE D'UTILISATION**  
[72] Mazziotta, John C., US  
[72] Daghighian, Farhad, US  
[72] Hoffman, Edward J., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[30] US (539,794) 1990-06-18

[11] 2,086,864  
[13] C

[51] **Int.Cl. 6G01J 3/40 6G01J 3/28**  
[25] EN  
[54] **HIGH SPATIAL RESOLUTION IMAGING SPECTROGRAPH**  
[54] **SPECTROGRAPHE IMAGEUR A HAUTE DEFINITION SPATIALE**  
[72] Bret, Georges G., US  
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[22] 1993-01-07  
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[13] C

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[54] **PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR DE MATIERES BIOLOGIQUES**  
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[73] BINSMAIER, HANNELORE, DE  
[22] 1993-03-11  
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[13] C

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[54] **ACCOUPLLEMENT A COURANT DE FOUCAULT ET COMMANDE DE MOTEUR POUR POMPAGE DE PUITTS DE PETROLE**  
[72] Wolcott, John H., US  
[72] Sieger, William L., US  
[73] DYNAMATIC CORPORATION, US  
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[13] C

[51] **Int.Cl. 6G02B 5/32 6G02B 27/10**  
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[54] **BEAM SPLITTER COMPRISING STRATIFIED VOLUME HOLOGRAPHIC GRATINGS**  
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[54] **COMPOSITION A BASE DE RESINE STYRENIQUE MODIFIEE AU CAOUTCHOUC**  
[72] Ando, Toshihiko, JP  
[72] Iwamoto, Mune, JP  
[72] Kaneko, Masahiro, JP  
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[25] FR  
[54] **NOUVEAUX BORATES D'ONIUM OU DE COMPLEXE ORGANOMETALLIQUE AMORCEURS CATIONIQUES DE POLYMERISATION**  
[54] **ONIUM OR ORGANOMETALLIC BORATES AS CATIONIC POYMERIZATION INITIATORS**  
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[72] Cavezzan, Jacques, FR  
[72] Fouassier, Jean-Pierre, FR  
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[22] 1993-03-22  
[30] FR (92 03 440) 1992-03-23

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[13] C

[51] **Int.Cl. 5C21D 8/00 5C22C 38/12**  
[25] EN  
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[54] **PIECES D'ACIER HAUTE RESISTANCE ET METHODE DE FABRICATION CONNEXE**  
[72] Gallagher, Hugh M., Jr., US  
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[13] C

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[25] EN  
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[54] **FIBRE DE POLYURETHANE CONTENANT DE L'HYDROTALCITE**  
[72] Kojima, Yoshiaki, JP  
[72] Yoshizato, Akihiko, JP  
[73] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
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[13] C

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[72] Sakai, Teruyuki, JP  
[72] Oota, Hideo, JP  
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[13] C

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[54] **SYSTEME DE CHASSIS GULLOTTINE A BASCULEMENT**  
[72] Bacon, Donald Dingley, US  
[72] Katz, Avishay, US  
[72] Lee, Chien-Hsun, US  
[72] Tai, King Lien, US  
[72] Wong, Yiu-Man, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
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[11] **2,099,396**  
[13] C  
[51] **Int.Cl. 6C23C 4/12 6B05D 3/02**  
**6C23C 4/04 6B05D 1/10**  
[25] EN  
[54] **THERMALLY SPRAYING METAL/  
SOLID LUBRICANT COMPOSITES  
USING WIRE FEEDSTOCK**  
[54] **PROJECTION THERMIQUE DE  
COMPOSITIONS LUBRIFIANTES  
METALLIQUES SOLIDES SOUS  
FORME DE FIL**  
[72] McCune, Robert C., Jr., US  
[72] Van Reatherford, Larry, US  
[72] Zaluzec, Matthew J., US  
[73] FORD MOTOR COMPANY OF  
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[11] **2,100,920**  
[13] C  
[51] **Int.Cl. 6B05B 15/12**  
[25] EN  
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[54] **AMENAGEMENT POUR  
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[73] ABB Flakt Aktiebolag, SE  
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[13] C  
[51] **Int.Cl. 6C01B 25/26 6C01F 17/00**  
**6C09K 11/81**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE  
PHOSPHATES DE TERRES RARES ET  
PRODUITS OBTENUS**  
[54] **PROCESS FOR PREPARATION OF  
RARE EARTHS PHOSPHATES AND  
PRODUCTS THEREOF**  
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[73] Rhone-Poulenc Chimie, FR  
[22] 1993-07-28  
[30] FR (92 09 356) 1992-07-29

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[11] **2,102,066**  
[13] C  
[51] **Int.Cl. 6A61C 8/00 6A61C 13/30**  
[25] EN  
[54] **INTERLOCKING, MULTI-PART  
ENDOSSEOUS DENTAL IMPLANT  
SYSTEMS**  
[54] **SYSTEMES D'IMPLANTS  
DENTAIRE INTRAOSSEUX  
IMBRIQUES A PLUSIEURS  
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[72] Niznick, Gerald A., US  
[73] Core-Vent Corporation, US  
[22] 1993-10-29  
[30] US (099,070) 1993-07-28

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[11] **2,103,060**  
[13] C  
[51] **Int.Cl. 6A61K 47/44 6A61K 47/14**  
**6A61K 31/275 6A61K 9/70**  
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[54] **PENETRATION-PROMOTING  
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[54] **SUBSTANCE FAVORISANT LA  
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[73] LTS Lohmann Therapie-Systeme  
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[85] 1993-11-12  
[86] 1992-05-02 (PCT/EP92/00957)  
[87] (WO92/20378)  
[30] DE (P 41 15 849.0) 1991-05-15

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[11] **2,103,792**  
[13] C  
[51] **Int.Cl. 6C06B 31/28 6C06B 31/30**  
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[72] Gribble, David P., AU  
[72] Lye, Gary N., AU  
[73] TECHNOLOGICAL RESOURCES  
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[11] **2,103,918**  
[13] C  
[51] **Int.Cl. 6A47L 11/30**  
[25] EN  
[54] **FLOOR TREATING MACHINE**  
[54] **MACHINE POUR TRAITER LES  
PLANCHERS**  
[72] Zachhuber, Kurt, DE  
[73] INNOSERVE GMBH  
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CONSULTING, DE  
[85] 1993-07-30  
[86] 1992-01-30 (PCT/EP92/00198)  
[87] (WO92/13480)  
[30] DE (P 41 03 087.7) 1991-02-01  
[30] DE (G 91 15 713.7 U) 1991-12-18  
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[11] **2,104,867**  
[13] C  
[51] **Int.Cl. 6C01B 31/06**  
[25] EN  
[54] **SYNTHETIC DIAMOND-  
CONTAINING MATERIAL AND  
METHOD OF OBTAINING IT**  
[54] **MATERIAU SYNTHETIQUE  
CONTENANT DU DIAMANT ET  
METHODE UTILISEE POUR  
L'OBTENIR**  
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[72] Petrov, Evgeny A., RU  
[72] Sakovich, Gennady V., RU  
[72] Komarov, Vitaly F., RU  
[72] Klimov, Anatoly V., RU  
[72] Kozyrev, Nikolai V., RU  
[73] FEDERALNY NAUCHNO-  
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[13] C

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[54] **DISPOSITIF DE TRANSFERT D'IMAGES**  
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[72] Fukai, Shigeru, JP  
[72] Shinozaki, Michio, JP  
[72] Marugame, Tomoyuki, JP  
[72] Kuroki, Hiroyuki, JP  
[72] Morimitsu, Tatsuya, JP  
[72] Andoh, Tomio, JP  
[73] TOPPAN PRINTING CO., LTD., JP  
[22] 1993-08-27  
[30] JP (4-231900) 1992-08-31  
[30] JP (5-61028) 1993-02-24  
[30] JP (5-61029) 1993-02-24  
[30] JP (5-61069) 1993-02-25  
[30] JP (5-61070) 1993-02-25

[11] **2,106,338**  
[13] C

[51] **Int.Cl. 6G10K 11/175**  
[25] EN  
[54] **NOISE CONTROLLER**  
[54] **CONTROLEUR DE BRUIT**  
[72] Terai, Kenichi, JP  
[72] Nakama, Yasutoshi, JP  
[72] Hashimoto, Hiroyuki, JP  
[72] Tamura, Tadashi, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1993-09-16  
[30] JP (04-261163/1992) 1992-09-30

[11] **2,107,161**  
[13] C

[51] **Int.Cl. 6G03G 13/01 6G03G 13/06 6G03G 9/12 6G03G 13/22**  
[25] EN  
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[72] Oliver, John F., US  
[72] Wallace, Anthony M., US  
[72] Larson, James R., US  
[72] Anczurowski, Edward, US  
[73] XEROX CORPORATION, US  
[22] 1993-09-28  
[30] US (986316) 1992-12-04

[11] **2,108,049**  
[13] C

[51] **Int.Cl. 6A61M 5/32 6A61B 5/14**  
[25] EN  
[54] **NEEDLE STOPPER AND NEEDLE REMOVAL DEVICE**  
[54] **ELEMENT D'INSERTION ET DE DEMONTAGE D'AIGUILLE**  
[72] Benson, Carl L., US  
[72] Kosinski, Anthony J., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1993-10-08  
[30] US (07/969,496) 1992-10-30

[11] **2,109,003**  
[13] C

[51] **Int.Cl. 6H04N 1/04**  
[25] EN  
[54] **IMAGE READING APPARATUS AND COPYING APPARATUS**  
[54] **DISPOSITIF D'EXPLORATION D'IMAGES ET APPAREIL DE DUPLICATION**  
[72] Utagawa, Tsutomu, JP  
[72] Arimoto, Shinobu, JP  
[72] Yoshinaga, Kazuo, JP  
[72] Hayashi, Toshio, JP  
[72] Nakai, Takehiko, JP  
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[72] Sasanuma, Nobuatsu, JP  
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[22] 1993-10-22  
[30] JP (4-286348) 1992-10-23  
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[11] **2,111,016**  
[13] C

[51] **Int.Cl. 6F16K 15/03**  
[25] EN  
[54] **FLUID CHECK VALVE WITH REPLACEABLE VALVE SEAT AND FLAPPER ASSEMBLY**  
[54] **CLAPET DE RETENUE POUR FLUIDE, MUNI D'UN SIEGE ET DE CLAPETS A BATTANT REMPLACABLES**  
[72] Muddiman, Robert W., CA  
[73] Muddiman, Robert W., CA  
[22] 1993-12-09  
[30] US (08/019,832) 1993-02-19  
[30] US (08/121,432) 1993-09-16

[11] **2,111,468**  
[13] C

[51] **Int.Cl. 6C08L 29/04 6B05D 5/00 6C08L 39/06 6B05D 7/24**  
[25] EN  
[54] **HYDROPHILIC COMPOSITIONS WHICH ARE FOG-RESISTANT**  
[54] **COMPOSITIONS HYDROPHILES ANTI-BUEE**  
[72] Creasy, Walter S., US  
[73] Film Specialties, Inc., US  
[85] 1993-12-14  
[86] 1993-05-11 (PCT/US93/04514)  
[87] (WO93/23471)  
[30] US (07/882,458) 1992-05-12

[11] **2,112,771**  
[13] C

[51] **Int.Cl. 6C08L 71/02 6D21C 3/00 6D21H 17/36**  
[25] EN  
[54] **COMPOSITION FOR PRODUCING PAPER AND PROCESS FOR USING SAME**  
[54] **COMPOSITION POUR LA FABRICATION DE PAPIER ET METHODE D'UTILISATION DE LADITE COMPOSITION**  
[72] Blackstone, Michael, US  
[73] Blackstone, Michael, US  
[22] 1994-01-04

[11] **2,113,290**  
[13] C

[51] **Int.Cl. 6H01L 21/68**  
[25] EN  
[54] **WAFER SENSING AND CLAMPING MONITOR**  
[54] **CAPTEUR DE POSITION ET DE FIXATION DE PUCE**  
[72] Blake, Julian Gaskill, US  
[72] Tu, Weilin, US  
[72] Stone, Dale Keith, US  
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[73] EATON CORPORATION, US  
[22] 1994-01-13  
[30] US (005,030) 1993-01-15



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[13] C

[51] Int.Cl. 5G06F 3/14  
[25] EN  
[54] HANDS-FREE USER-SUPPORTED PORTABLE COMPUTER  
[54] ORDINATEUR PORTATIF MAINS LIBRES  
[72] Newman, Edward George, US  
[72] Christian, Gil Steven, US  
[72] Jenkins, Michael David, US  
[73] XYBERNAUT CORPORATION, US  
[22] 1994-01-27

[11] 2,116,100  
[13] C

[51] Int.Cl. 6A61F 13/00 6A61F 5/04  
[25] EN  
[54] IMPROVED TUBULAR BANDAGES  
[54] BANDAGES TUBULAIRES AMELIORES  
[72] Bulley, John Lalande, GB  
[72] Gradwell, Stephen Ian, GB  
[73] B. BRAUN J.L.B. LIMITED, GB  
[85] 1994-02-21  
[86] 1992-08-18 (PCT/GB92/01521)  
[87] (WO93/03691)  
[30] GB (9118062.0) 1991-08-21

[11] 2,118,236  
[13] C

[51] Int.Cl. 6B05D 1/06 6B05D 7/14 6C09D 127/18 6B26B 21/58  
[25] EN  
[54] METHOD OF TREATING RAZOR BLADE CUTTING EDGES  
[54] METHODE DE TRAITEMENT DES TRANCHANTS DE LAME DE RASOIR  
[72] Trankiem, Hoang M., US  
[73] THE GILLETTE COMPANY, US  
[85] 1994-10-14  
[86] 1993-04-13 (PCT/US93/03500)  
[87] (WO93/20952)  
[30] US (870,364) 1992-04-17

[11] 2,120,368  
[13] C

[51] Int.Cl. 6E21B 7/08 6E21B 43/00  
[25] EN  
[54] METHOD AND APPARATUS FOR SEALING THE JUNCTURE BETWEEN A VERTICAL AND HORIZONTAL WELL  
[54] APPAREIL SERVANT A SCELLER LE RACCORDEMENT ENTRE UN PUIT VERTICAL ET UN PUIT LATERAL, ET METHODE CONNEXE  
[72] Murray, Douglas J., US  
[72] Tilton, Frederick Thomas, US  
[73] BAKER HUGHES INC., US  
[85] 1994-03-30  
[86] 1993-08-06 (PCT/US93/07372)  
[87] (WO94/03701)  
[30] US (927,589) 1992-08-07

[11] 2,120,494  
[13] C

[51] Int.Cl. 6B41F 17/20  
[25] EN  
[54] APPARATUS FOR REDUCING CAN SPACING AND SPEED  
[54] DISPOSITIF POUR REDUIRE L'ESPACE ENTRE LES BOITES DE CONSERVE ET LEUR VITESSE DE DEPLACEMENT  
[72] Williams, Robert, US  
[72] Sirvet, Enn, US  
[72] Gabel, Richard A., US  
[72] Burke, David John, GB  
[73] Sequa Corporation, US  
[85] 1994-03-31  
[86] 1992-10-08 (PCT/US92/08564)  
[87] (WO93/06998)  
[30] US (07/775,172) 1991-10-11

[11] 2,121,651  
[13] C

[51] Int.Cl. 6B66C 9/10 6B61B 3/00  
[25] EN  
[54] TRACK AND RAIL-FORM SLIDER COMBINATION  
[54] CHEMIN DE ROULEMENT ET PIECE COULISSANTE COMBINES  
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[73] Dial Corp. (The), US  
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[54] **APPAREIL DE RECEPTION DE PAQUETS DE DONNEES SERIE TRANSMISES PAR UN RESEAU DE COMMUNICATION ET DE MODIFICATION DE CES PAQUETS POUR INDIQUER LA SITUATION DU RESEAU**  
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[72] Delmar, Eric G., US  
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[54] **CAPTEURS DE PRESSION ABSOLUE A COUCHE MINCE ET METHODE POUR LEUR FABRICATION**  
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[51] Int.Cl. 5F16H 47/00  
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[11] 2,140,627  
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[13] C

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MULTIPLE ACCESS  
RADIOCOMMUNICATION  
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[13] C

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FREQUENCY CHARACTERISTIC TAG  
AND THE LIKE AND PROCESS FOR  
FABRICATING IT  
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[13] C

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[13] C

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[13] C

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[25] EN  
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AND A PROCESS AND APPARATUS  
FOR ERASING AND REGENERATING  
THE PRINTING PLATE  
[54] UNE PLAQUE D'IMPRESSON  
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APPAREIL SERVANT A EFFACER ET A  
REGENERER LADITE PLAQUE  
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[72] Fuhrmann, Hartmut, DE  
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[51] Int.Cl. 6A61J 1/05 6B01J 2/00 6A01N  
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[25] EN  
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[54] APPAREILLAGE SERVANT A  
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[51] Int.Cl. 6C12N 15/54 6C12N 5/10  
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[11] **2,154,194**  
[13] C

[51] **Int.Cl. 6H04N 5/262 6H04N 5/60**  
[25] EN  
[54] **METHOD OF STABILIZING THE LEVEL OF AN AUDIO SIGNAL IN TELEVISION BROADCASTING**  
[54] **METHODE POUR STABILISER LE NIVEAU D'UN SIGNAL AUDIO EN TELEVISION**  
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[73] AT&T CORP., US  
[22] 1995-07-19  
[30] US (311,648) 1994-09-23

[11] **2,154,213**  
[13] C

[51] **Int.Cl. 6E21B 19/16**  
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[54] **BLASTHOLE DRILL WITH IMPROVED AUTOMATIC BREAKOUT WRENCH**  
[54] **TREPAN POUR TROU DE MINE AVEC CLE DE DEVISSAGE AUTOMATIQUE AMELIOREE**  
[72] Whisenhunt, H. Dewain, US  
[73] HARNISCHFEGER TECHNOLOGIES, INC., US  
[22] 1995-07-19  
[30] US (08/423,657) 1995-04-14

[11] **2,154,765**  
[13] C

[51] **Int.Cl. 6A61J 1/10 6A61J 1/20**  
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[54] **BLOOD STORAGE CONTAINER AND METHOD OF USE**  
[54] **RECIPIENT POUR LE STOCKAGE DE SANG ET SON MODE D'UTILISATION**  
[72] Debrauwere, Jack, BE  
[72] Bernes, Jean-Claude, BE  
[72] Mathias, Jean-Marie, BE  
[73] BAXTER INTERNATIONAL INC., US  
[85] 1995-07-26  
[86] 1994-12-09 (PCT/US94/14226)  
[87] (WO95/17134)  
[30] US (08/171,084) 1993-12-21

[11] **2,155,387**  
[13] C

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04**  
[25] EN  
[54] **SPECIES-SPECIFIC DETECTION OF MYCOBACTERIUM KANSASII**  
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[72] Spears, Patricia Anne, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1995-08-03  
[30] US (08/308,892) 1994-09-19

[11] **2,155,797**  
[13] C

[51] **Int.Cl. 6C07C 265/14 6C07C 263/10**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE COMPOSES DU TYPE POLYISOCYANATES AROMATIQUES EN PHASE GAZEUSE**  
[54] **PROCESS FOR PREPARING AROMATIC POLYISOCYANATE COMPOUNDS IN THE GAS PHASE**  
[72] Armand, Jérôme, FR  
[72] Chiarelli, Henri, FR  
[72] Revelant, Denis, FR  
[72] Vacus, Pascal, FR  
[73] Rhone-Poulenc Chimie, FR  
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[22] 1995-08-10  
[30] FR (94 10 009) 1994-08-12

[11] **2,156,549**  
[13] C

[51] **Int.Cl. 6A61F 9/02**  
[25] EN  
[54] **SNAP TOGETHER PROTECTIVE GOGGLE CONSTRUCTION WITH TORIC LENS**  
[54] **LUNETTE DE PROTECTION A VERRES TORIQUES RETENUS PAR PRESSION SUR LA MONTURE**  
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[72] Mathews, John G., US  
[73] BACOU USA SAFETY, INC., US  
[22] 1995-08-21  
[30] US (405,144) 1995-03-16

[11] **2,156,772**  
[13] C

[51] **Int.Cl. 6G01V 1/42 6G01V 1/22**  
[25] EN  
[54] **SINGLE WELL SYSTEM FOR MAPPING SOURCES OF ACOUSTIC ENERGY**  
[54] **SYSTEME A PUITTS UNIQUE POUR CARTOGRAPHIER LES SOURCES ACOUSTIQUES**  
[72] Bailey, Jeffrey R., US  
[72] Ringo, Marion M., US  
[73] Exxon Production Research Company, [22] 1995-08-23  
[30] US (08/298,610) 1994-08-31

[11] **2,158,561**  
[13] C

[51] **Int.Cl. 6C01B 25/32 6A61L 25/00 6A61L 27/00 6A61K 33/42**  
[25] EN  
[54] **ISOLATION OF THE CALCIUM-PHOSPHATE CRYSTALS OF BONE**  
[54] **METHODE POUR ISOLER LES CRISTAUX D'OS DE TYPE PHOSPHATE DE CALCIUM**  
[72] Glimcher, Melvin J., US  
[72] Kim, Hyun-Man, US  
[72] Rey, Christian, FR  
[73] Children's Medical Center Corporation, US  
[85] 1995-09-18  
[86] 1994-03-24 (PCT/US94/03214)  
[87] (WO94/21556)  
[30] US (08/036,412) 1993-03-24

[11] **2,158,638**  
[13] C

[51] **Int.Cl. 6A61K 47/38 6A61L 27/00 6A61K 47/30 6A61K 47/36**  
[25] EN  
[54] **A COMPOSITION AND A METHOD FOR TISSUE AUGMENTATION**  
[54] **COMPOSITION ET METHODE D'AUGMENTATION TISSULAIRE**  
[72] Agerup, Bengt, SE  
[73] Q MED AB, SE  
[85] 1995-09-18  
[86] 1994-01-27 (PCT/SE94/00060)  
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[30] US (08/034422) 1993-03-19

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[13] C

[51] Int.Cl. 6B27B 33/00  
[25] EN  
[54] ALL PURPOSE SAW BLADE  
[54] LAME DE SCIE POLYVALENTE  
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[72] Okada, Kunihiko, JP  
[73] Amada Company Limited, JP  
[73] Armstrong-Blum Manufacturing  
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[22] 1995-09-21  
[30] US (08/312,732) 1994-09-27

[11] 2,159,129  
[13] C

[51] Int.Cl. 6G02F 1/03  
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METHOD FOR MAKING THE SAME  
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[72] Nishimoto, Hiroshi, JP  
[72] Kambe, Toshiyuki, JP  
[73] NEC CORPORATION, JP  
[22] 1995-09-26  
[30] JP (6-231754) 1994-09-27  
[30] JP (6-292625) 1994-11-28

[11] 2,159,318  
[13] C

[51] Int.Cl. 6E04B 2/86 6E04G 9/10  
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[72] Mensen, Jan Hendrik, CA  
[73] AAB Building System Inc., CA  
[85] 1995-09-27  
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[87] (WO94/23145)  
[30] US (08/041,412) 1993-03-31

[11] 2,159,448  
[13] C

[51] Int.Cl. 6E21B 33/03 6H01R 4/00  
[25] EN  
[54] SEAL ELECTRICAL CONDUCTOR  
ARRANGEMENT FOR USE WITH A  
WELL BORE IN HAZARDOUS AREAS  
[54] CONFIGURATION DE  
CONDUCTEUR ELECTRIQUE  
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DANGEREUSES D'UN Puits DE  
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[72] Moore, Boyd B., US  
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[85] 1995-09-28  
[86] 1993-04-29 (PCT/US93/04032)  
[87] (WO94/25726)

[11] 2,161,629  
[13] C

[51] Int.Cl. 6B21D 13/04 6B21D 53/00  
[25] EN  
[54] MICROPROCESSOR  
CONTROLLED APPARATUS AND  
METHOD FOR FORING METAL  
BUILDING PANELS  
[54] APPAREIL COMMANDE PAR  
MICROPROCESSEUR ET METHODE  
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[72] Morello, Frederick, US  
[73] M.I.C. Industries, Inc., US  
[85] 1995-10-27  
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[87] (WO94/25195)  
[30] US (08/054,135) 1993-04-30

[11] 2,163,198  
[13] C

[51] Int.Cl. 6A61F 13/58 6A61F 13/60  
[25] EN  
[54] ABSORBENT ARTICLE HAVING  
AN ADHESIVE RELEASE MATERIAL  
JOINED TO A FLAP RETAINING  
MEMBER  
[54] ARTICLE ABSORBANT AVEC  
LANGUETTE ADHESIVE RELIEE A  
UNE PIECE DE RETENUE DU RABAT  
[72] Lavash, Bruce William, US  
[72] Osborn, Thomas Ward III, US  
[72] Kearney, Stephen Paul, US  
[73] THE PROCTER & GAMBLE  
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[85] 1995-11-17  
[86] 1994-05-04 (PCT/US94/04926)  
[87] (WO94/27540)  
[30] US (08/068,917) 1993-05-28

[11] 2,163,977  
[13] C

[51] Int.Cl. 6C11D 9/48 6C11D 17/00  
6C11D 10/04 6C11D 9/26 6A61K 7/50  
[25] EN  
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SOAP BARS  
[54] AMELIORATIONS CONCERNANT  
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[72] Chambers, John George, GB  
[72] Irlam, Geoffrey, GB  
[73] UNILEVER PLC, GB  
[85] 1995-11-28  
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[87] (WO95/02035)  
[30] GB (9313859.2) 1993-07-05

[11] 2,163,993  
[13] C

[51] Int.Cl. 6G01N 21/25 6G01J 3/42  
[25] EN  
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[54] ANALYSE PAR  
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[72] Wakeman, John Stephen, GB  
[72] Romans, David Grant, GB  
[73] PFIZER INC., US  
[85] 1995-11-28  
[86] 1994-06-16 (PCT/GB94/01298)  
[87] (WO95/00831)  
[30] GB (9313036.7) 1993-06-24

[11] 2,164,201  
[13] C

[51] Int.Cl. 6C09D 10/00  
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[72] Sanborn, Norman G., US  
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[85] 1995-11-30  
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[13] C

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[25] EN  
[54] **THERMOPLASTIC ELASTOMERIC COPOLYMERS AND HAIR AND SKIN CARE COMPOSITIONS CONTAINING THE SAME**  
[54] **COPOLYMERES ELASTOMERES THERMOPLASTIQUES; COMPOSITIONS A BASE DE CES PRODUITS POUR LE SOIN DES CHEVEUX ET DE LA PEAU**  
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[72] Midha, Sanjeev, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1995-12-20  
[86] 1994-06-30 (PCT/US94/07385)  
[87] (WO95/01383)  
[30] US (086,605) 1993-07-01  
[30] US (257,962) 1994-06-16  
[30] US (259,070) 1994-06-20

[11] **2,166,663**  
[13] C

[51] **Int.Cl. 6H01H 71/10**  
[25] FR  
[54] **DISJONCTEUR A DEUX CHAMBRES DE COUPURE PAR POLES**  
[54] **CIRCUIT BREAKER HAVING TWO CHAMBERS PEP POLE**  
[72] Perret, Michel, FR  
[72] Dufournet, Denis, FR  
[72] Martin, Joseph, FR  
[73] GEC ALSTHOM T & D SA, FR  
[22] 1996-01-05  
[30] FR (95 00 114) 1995-01-06  
[30] FR (95 05 852) 1995-05-17

[11] **2,166,751**  
[13] C

[51] **Int.Cl. 6H04Q 3/545 6H04M 15/00**  
[25] EN  
[54] **SYSTEM FOR AUTOMATICALLY PROVIDING CUSTOMER ACCESS TO ALTERNATIVE TELEPHONY SERVICE PROVIDERS**  
[54] **SYSTEME POUR DONNER AUTOMATIQUEMENT AUX CLIENTS L'ACCES AUX FOURNISSEURS DE SERVICES TELEPHONIQUES CONCURRENTS**  
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[73] AT&T IPM CORP., US  
[22] 1996-01-08  
[30] US (412,248) 1995-03-28

[11] **2,166,774**  
[13] C

[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR IMMUNOMODULATING AND ADJUVANT TREATMENT**  
[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITEMENT PAR IMMUNOREGULATION ET EMPLOI D'UN ADJUVANT**  
[72] Kufudaki, Olga, CZ  
[73] Aliatros Medical, A.S., CZ  
[85] 1996-01-08  
[86] 1994-07-12 (PCT/CZ94/00015)  
[87] (WO95/02398)  
[30] CZ (PV 1385-93) 1993-07-12

[11] **2,167,021**  
[13] C

[51] **Int.Cl. 6H04N 9/29**  
[25] EN  
[54] **DEGAUSSING CIRCUIT FOR TELEVISION SET**  
[54] **CIRCUIT DE DEMAGNETISATION POUR POSTE DE TELEVISION**  
[72] Jeong, Ha Joo, KR  
[73] LG ELECTRONICS INC., KR  
[22] 1996-01-11  
[30] KR (386/1995) 1995-01-11

[11] **2,168,250**  
[13] C

[51] **Int.Cl. 6B01D 11/02 6G01N 1/40**  
[25] EN  
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[54] **SYSTEME D'EXTRACTION ACCELEREE PAR SOLVANT**  
[72] Richter, Bruce E., US  
[72] Pohl, Christopher A., US  
[72] Porter, Nathan L., US  
[72] Jones, Brian A., US  
[72] Ezzell, John L., US  
[72] Avdalovic, Nebojsa, US  
[73] DIONEX CORPORATION, US  
[85] 1996-01-26  
[86] 1995-05-31 (PCT/US95/06936)  
[87] (WO95/34360)  
[30] US (08/259,667) 1994-06-14

[11] **2,169,496**  
[13] C

[51] **Int.Cl. 6G01S 5/14 6G08G 1/23**  
[25] EN  
[54] **GEOGRAPHIC LOCATOR USING GPS**  
[54] **LOCALISATEUR GEOGRAPHIQUE UTILISANT LE GPS**  
[72] Kyrtos, Christos Theodoros, US  
[73] Eaton Corporation, US  
[22] 1996-02-14  
[30] US (388,772) 1995-02-15

[11] **2,170,483**  
[13] C

[51] **Int.Cl. 6B26F 1/26**  
[25] EN  
[54] **PROCESS FOR MICROAPERTURING AND MICROEMBOSSING A POLYMERIC WEB**  
[54] **PROCEDE DE FORMATION DE MICRO-TROUS ET DE MICRO-BOSSES DANS UNE BANDE POLYMERE**  
[72] Dobrin, George Christopher, US  
[72] Phillips, Donna Sue, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-02-27  
[86] 1994-09-06 (PCT/US94/09917)  
[87] (WO95/08971)  
[30] US (08/129,532) 1993-09-30

[11] **2,170,657**  
[13] C

[51] **Int.Cl. 6C01B 9/00 6C01B 7/00 6C01B 13/02 6C01B 3/22**  
[25] EN  
[54] **METHOD OF PRODUCING OXYGEN AND HYDROGEN**  
[54] **METHODE POUR LA PRODUCTION D'OXYGENE ET D'HYDROGENE**  
[72] Hibino, Kouetsu, JP  
[72] Tange, Kyoichi, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1996-02-29  
[30] JP (7-41838) 1995-03-01  
[30] JP (7-45514) 1995-03-06  
[30] JP (8-38085) 1996-02-26



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[13] C

[51] **Int.Cl. 6E04F 11/16 6E04F 11/09**  
[25] EN  
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[54] **NEZ DE MARCHE PROFILE**  
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[73] HERM. FRIEDR. KUNNE GmbH & CO., DE  
[22] 1996-03-05  
[30] EP (95 117 609.8) 1995-11-08

[11] **2,171,667**  
[13] C

[51] **Int.Cl. 6C01F 17/00 6B01D 71/02**  
[25] EN  
[54] **COMPOSITIONS CAPABLE OF OPERATING UNDER HIGH OXYGEN PARTIAL PRESSURES FOR USE IN SOLID-STATE OXYGEN PRODUCING DEVICES**  
[54] **COMPOSITIONS PERMETTANT LE FONCTIONNEMENT, SOUS HAUTE PRESSION PARTIELLE D'OXYGENE, DE DISPOSITIFS PRODUCTEURS D'OXYGENE**  
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[72] Carolan, Michael Francis, US  
[72] Motika, Stephen Andrew, US  
[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1996-03-13  
[30] US (08/402689) 1995-03-13  
[30] US (08/600667) 1996-02-29

[11] **2,171,820**  
[13] C

[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **MOTION PICTURE REPRODUCING SYSTEM BY BIDIRECTIONAL COMMUNICATION**  
[54] **SYSTEME DE REPRODUCTION D'IMAGES ANIMEES PAR COMMUNICATIONS BIDIRECTIONNELLES**  
[72] Ueda, Hiroaki, JP  
[73] NEC CORPORATION, JP  
[22] 1996-03-14  
[30] JP (7-58823) 1995-03-17

[11] **2,172,049**  
[13] C

[51] **Int.Cl. 6A44B 18/00 6A61F 13/62**  
[25] EN  
[54] **ELASTICALLY EXTENSIBLE MECHANICAL FASTENING SYSTEM**  
[54] **SYSTEME DE FERMETURE MECANIQUE EXTENSIBLE ET ELASTIQUE**  
[72] Goulait, David Joseph Kenneth, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-03-18  
[86] 1994-09-28 (PCT/US94/10882)  
[87] (WO95/10202)  
[30] US (08/137,566) 1993-10-15

[11] **2,172,166**  
[13] C

[51] **Int.Cl. 6H01M 8/06 6H01M 8/02 6H01M 8/24**  
[25] EN  
[54] **ELECTROCHEMICAL FUEL CELL ASSEMBLY WITH INTEGRAL SELECTIVE OXIDIZER**  
[54] **PILE A COMBUSTIBLE COMPORTANT UN OXYDANT SELECTIF**  
[72] Wilkinson, David P., CA  
[72] Voss, Henry H., CA  
[72] Dudley, James, CA  
[72] Lamont, Gordon J., CA  
[72] Basura, Vesna, CA  
[73] BALLARD POWER SYSTEMS INC., CA  
[85] 1996-03-19  
[86] 1994-09-14 (PCT/CA94/00498)  
[87] (WO95/08850)  
[30] US (08/126,602) 1993-09-24

[11] **2,172,167**  
[13] C

[51] **Int.Cl. 6H01M 8/06 6H01M 8/02 6H01M 8/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OXIDIZING CARBON MONOXIDE IN THE REACTANT STREAM OF AN ELECTROCHEMICAL FUEL CELL**  
[54] **METHODE ET APPAREIL POUR OXYDER LE MONOXYDE DE CARBONE DANS LE CIRCUIT DU REACTIF D'UNE CELLULE ELECTROCHIMIQUE**  
[72] Wilkinson, David P., CA  
[72] Voss, Henry H., CA  
[72] Basura, Vesna, CA  
[72] Dudley, James, CA  
[72] Lamont, Gordon J., CA  
[73] BALLARD POWER SYSTEMS INC., CA  
[85] 1996-03-19  
[86] 1994-09-14 (PCT/CA94/00499)  
[87] (WO95/08851)  
[30] US (08/126,525) 1993-09-24

[11] **2,172,310**  
[13] C

[51] **Int.Cl. 6G01G 13/08 6G05D 7/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING A VIBRATORY FEEDER IN A WEIGHING MACHINE**  
[54] **APPAREIL DE COMMANDE DE L'ALIMENTATION VITRANT D'UN APPAREIL DE PESAGE, ET METHODE CONNEXE**  
[72] Mosher, Oren A., US  
[73] Upper Limits Engineering, US  
[22] 1996-03-21  
[30] US (08/415,940) 1995-04-03

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[13] C

[51] **Int.Cl. 6A23P 1/10 6F25D 3/11**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FREEZING A FOOD PRODUCT IN A PREDETERMINED SHAPE**  
[54] **METHODE DE CONGELATION D'UN PRODUIT DANS UNE FORME PREDETERMINEE, ET APPAREIL CONNEXE**  
[72] Knight, Robert J., US  
[72] Shamoun, Simon J., US  
[72] Amber, Jay R., US  
[72] Black, Donald W., US  
[73] Boc Group, Inc. (The), US  
[22] 1996-03-22  
[30] US (08/418,198) 1995-04-07  
[30] US (08/593,179) 1996-02-22

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[11] **2,173,379**  
[13] C

[51] **Int.Cl. 6A01B 43/00 6A01B 79/02 6A01B 39/18**  
[25] EN  
[54] **DEBRIS MANIPULATING AND CLEARING ASSEMBLY FOR CLEARING CROP RESIDUE FROM SOIL**  
[54] **METHODE ET DISPOSITIF D'ENLEVEMENT DES DEBRIS VEGETAUX JONCHANT LE SOL**  
[72] Rawson, Ray, US  
[73] Unverferth Manufacturing Company, Inc., US  
[22] 1996-04-03  
[30] US (08/418,148) 1995-04-05

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[11] **2,173,802**  
[13] C

[51] **Int.Cl. 6C01B 31/18 6C01B 3/26 6C01B 3/56**  
[25] EN  
[54] **INTEGRATED STEAM METHANE REFORMING PROCESS FOR PRODUCING CARBON MONOXIDE AND HYDROGEN**  
[54] **PROCEDE INTEGRE DE REFORMAGE DU METHANE A LA VAPEUR POUR L'OBTENTION DE MONOXYDE DE CARBONE ET D'HYDROGENE**  
[72] Hufton, Jeffrey Raymond, US  
[72] Sircar, Shivaji, US  
[72] Baade, William Frederick, US  
[72] Abrardo, Joseph Michael, US  
[72] Anand, Madhu, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1996-04-10  
[30] US (08/419,317) 1995-04-10  
[30] US (08/624,149) 1996-04-08

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[11] **2,173,810**  
[13] C

[51] **Int.Cl. 6C01B 31/18 6C01B 3/36**  
[25] EN  
[54] **INTEGRATED STEAM METHANE REFORMING PROCESS FOR PRODUCING CARBON MONOXIDE**  
[54] **PROCEDE INTEGRE DE REFORMAGE DU METHANE A LA VAPEUR POUR L'OBTENTION DE MONOXYDE DE CARBONE**  
[72] Hufton, Jeffrey Raymond, US  
[72] Sircar, Shivaji, US  
[72] Abrardo, Joseph Michael, US  
[72] Baade, William Frederick, US  
[72] Anand, Madhu, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1996-04-10  
[30] US (08/419,317) 1995-04-10  
[30] US (08/624,148) 1996-04-08

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[11] **2,173,945**  
[13] C

[51] **Int.Cl. 6A23L 1/38 6A23L 1/307 6A23L 1/36**  
[25] EN  
[54] **PROCESS FOR MAKING HIGH PROTEIN AND/OR REDUCED FAT NUT SPREADS WHICH HAVE DESIRABLE FLUIDITY, TEXTURE AND FLAVOR**  
[54] **PROCEDE DE PREPARATION DE PATES A TARTINER AUX NOIX A HAUTE TENEUR EN PROTEINES ET/OU TENEUR REDUITE EN MATIERES GRASSES AYANT UNE FLUIDITE, UNE TEXTURE ET UN GOUT ADEQUATS**  
[72] Wong, Vincent York-Leung, US  
[72] Theurer, Mark Dennis, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-04-11  
[86] 1994-09-29 (PCT/US94/11062)  
[87] (WO95/10198)  
[30] US (08/136,524) 1993-10-14

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[11] **2,174,515**  
[13] C

[51] **Int.Cl. 6H02N 2/00**  
[25] EN  
[54] **PIEZOELECTRIC VIBRATOR FOR ULTRASONIC MOTOR, PROCESS FOR PRODUCING THE SAME, METHOD OF MOUNTING PIEZOELECTRIC VIBRATOR AND ULTRASONIC MOTOR**  
[54] **VIBRATEUR PIEZOELECTRIQUE POUR MOTEUR D'ONDES ULTRASONIQUES, PROCEDE DE PRODUCTION DE CE VIBRATEUR ET METHODE D'INSTALLATION DU VIBRATEUR PIEZOELECTRIQUE ET DU MOTEUR**  
[72] Kanayama, Kouichi, JP  
[72] Saigoh, Hiroaki, JP  
[72] Kawasaki, Mayumi, JP  
[72] Maruko, Nobuhiro, JP  
[73] MITSUI CHEMICALS, INC, JP  
[85] 1996-04-18  
[86] 1995-08-11 (PCT/JP95/01609)  
[87] (WO96/06482)  
[30] JP (195537/1994) 1994-08-19  
[30] JP (11807/1995) 1995-01-27

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[11] 2,175,071  
[13] C

[51] Int.Cl. 6G01N 21/57 6B41F 33/00  
[25] EN  
[54] MEASURING METHOD AND APPARATUS OF GLOSS IRREGULARITY AND PRINTING UNEVENNESS  
[54] METHODE ET DISPOSITIF DE MESURE DES IRREGULARITES DE BRILLANCE ET D'IMPRESSIION  
[72] Yoshidomi, Nobuko, JP  
[72] Shiratori, Naoyuki, JP  
[72] Ishimura, Hidekazu, JP  
[73] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 1996-04-25  
[86] 1994-10-26 (PCT/JP94/01795)  
[87] (WO95/12120)  
[30] JP (267477/1993) 1993-10-26

[11] 2,175,387  
[13] C

[51] Int.Cl. 6H02K 1/12 6H02K 16/02  
[25] EN  
[54] OPEN STATOR AXIAL FLUX ELECTRIC MOTOR  
[54] MOTEUR ELECTRIQUE A FLUX AXIAL ET A STATOR OUVERT  
[72] Helwig, Andreas, AU  
[73] Queensland Rail, AU  
[85] 1996-04-29  
[86] 1995-09-07 (PCT/AU95/00586)  
[87] (WO96/09680)  
[30] AU (PM 8270) 1994-09-20

[11] 2,177,296  
[13] C

[51] Int.Cl. 6F16H 59/74  
[25] EN  
[54] POWERSHIFT TRANSMISSION SYSTEM WITH TORQUE-MAPPED SHIFTS  
[54] BOITE DE VITESSES OU LES RAPPORTS CHANGENT EN FONCTION DU COUPLE MOTEUR  
[72] Officer, Todd M., US  
[72] Clausen, Scott A., US  
[72] Kallis, Adrian G., US  
[73] AGCO Corporation, US  
[73] Phoenix International Corporation, US  
[22] 1996-05-24  
[30] US (08/458,965) 1995-06-02

[11] 2,177,771  
[13] C

[51] Int.Cl. 6G01V 1/28 6G11B 23/00 6G01V 11/00 6G01V 1/34 6G01V 1/48 6G01V 1/50  
[25] EN  
[54] NON-UNIQUE SEISMIC LITHOLOGIC INVERSION FOR SUBTERRANEAN MODELING  
[54] MODELISATION DE RESERVOIRS SOUTERRAINS FONDEE SUR LA NON-UNICITE DES SIGNAUX DE SISMIQUE-REFLEXION  
[72] Runnestrand, Scott A., US  
[72] Neff, Dennis B., US  
[72] Butler, Edgar L., US  
[73] Phillips Petroleum Company, US  
[22] 1996-05-30  
[30] US (08/457,927) 1995-06-01

[11] 2,178,863  
[13] C

[51] Int.Cl. 6C03B 5/16  
[25] EN  
[54] GLASSMELTING METHOD AND REDUCED VOLATILIZATION OF ALKALI SPECIES  
[54] PROCEDE DE FUSION DU VERRE REDUISANT LA VOLATILISATION DES ESPECES ALCALINES  
[72] Kobayashi, Hisashi, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1996-06-12  
[30] US (08/489,911) 1995-06-13

[11] 2,179,011  
[13] C

[51] Int.Cl. 6C07D 401/12 6A61K 31/47  
[25] EN  
[54] 7-(2-IMIDAZOLINYLAMINO)QUINOLINE COMPOUNDS USEFUL AS ALPHA-2 ADRENOCEPTOR AGONISTS  
[54] COMPOSES DE 7-(2-IMIDAZOLINYLAMINO)QUINOLINE UTILES COMME AGONISTES DE RECEPTEURS ADRENERGIQUES ALPHA-2  
[72] Cupps, Thomas Lee, US  
[72] Bogdan, Sophie Eva, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-06-12  
[86] 1994-12-15 (PCT/US94/14290)  
[87] (WO95/20386)  
[30] US (169,342) 1993-12-17  
[30] US (292,672) 1994-08-18

[11] 2,179,215  
[13] C

[51] Int.Cl. 6H04N 7/14 6H04M 11/06  
[25] EN  
[54] VIDEO MESSAGING ARRANGEMENT  
[54] DISPOSITIF DE MESSAGERIE VIDEO  
[72] Brunson, Gordon Richards, US  
[72] Klein, Robert Michael, US  
[73] AT&T CORP., US  
[22] 1996-06-17  
[30] US (522,647) 1995-09-01

[11] 2,180,530  
[13] C

[51] Int.Cl. 6A61K 9/70 6C09J 183/04 6C09J 139/06 6A61K 45/06  
[25] EN  
[54] TRANSDERMAL DEVICE CONTAINING POLYVINYLPYRROLIDONE AS SOLUBILITY ENHANCER  
[54] DISPOSITIF D'ADMINISTRATION TRANSDERMIQUE CONTENANT DE LA POLYVINYLPYRROLIDONE EN TANT QU'AMPLIFICATEUR DE SOLUBILITE  
[72] Miranda, Jesus, US  
[72] Sablotsky, Steven, US  
[73] NOVEN PHARMACEUTICALS, INC., US  
[85] 1996-07-04  
[86] 1995-01-09 (PCT/US95/00022)  
[87] (WO95/18603)  
[30] US (08/178,558) 1994-01-07

[11] 2,180,648  
[13] C

[51] Int.Cl. 6A61K 47/10 6A61K 47/32 6A61K 7/48  
[25] EN  
[54] AQUEOUS TOPICAL ANTI-ACNE COMPOSITIONS OF LOW PH  
[54] COMPOSITION AQUEUSE A FAIBLE PH POUR APPLICATION TOPIQUE  
[72] Venkateswaran, Ananthanarayan, JP  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-07-05  
[86] 1995-01-13 (PCT/US95/00606)  
[87] (WO95/20403)  
[30] US (08/189,364) 1994-01-31

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[11] **2,180,874**  
[13] C

[51] **Int.Cl. 6B60Q 1/52**  
[25] EN  
[54] **AUTOMATIC HAZARD SIGNAL ALARM**  
[54] **AVERTISSEUR AUTOMATIQUE ACTIONNANT LES CLIGNOTANTS D'URGENCE**  
[72] PASHANDI, Hamid Reza Mirzahassan, CA  
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[22] 1996-10-08

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[11] **2,181,559**  
[13] C

[51] **Int.Cl. 6B64B 1/66 6B64F 1/14**  
[25] EN  
[54] **A DOCKING SYSTEM FOR A LIGHTER-THAN-AIR VEHICLE**  
[54] **SYSTEME D'AMARRAGE D'AEROSTATS**  
[72] Belie, Robert G., US  
[73] LOCKHEED MARTIN CORPORATION, US  
[85] 1996-07-18  
[86] 1994-08-31 (PCT/US94/10191)  
[87] (WO95/26903)  
[30] US (08/223,402) 1994-04-04

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[11] **2,181,605**  
[13] C

[51] **Int.Cl. 6A01N 43/78**  
[25] EN  
[54] **LIQUID FORMULATION OF 1,2-BENZISOTHIAZOLIN-3-ONE**  
[54] **FORMULATION LIQUIDE DE 1,2-BENZISOTHIAZOLIN-3-ONE**  
[72] Hinkle, Jeffery S., US  
[72] Tsao, Techen, US  
[73] CREANOVA INC., US  
[22] 1996-07-19  
[30] US (08/505,013) 1995-07-21

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[11] **2,185,599**  
[13] C

[51] **Int.Cl. 6C07C 211/30 6C07C 215/24 6C07C 209/68**  
[25] EN  
[54] **METHODS FOR THE MANUFACTURE OF TERBINAFINE, TRANS-N-METHYL-N-(1-NAPHTHYLMETHYL)-6,6-DIMETHYLHEPT-2-EN-4 -YNYL-1-AMINE AND PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, INTERMEDIATES USEFUL IN THE MANUFACTURE THEREOF, NOVEL N-METHYL-N-(1-NAPHTHYLMETHYL)-6,6-DIMETHYL-2-HYDROXYHEPTAN-4-YNYL-1-AMINE AS POTENTIAL ANTIMYCOTIC AGENTS**  
[54] **METHODE DE PREPARATION DE DERIVES DE NAPHTHYLMETHYLAMINE, NOTAMMENT DE TERBINAFINE, UTILES COMME AGENTS ANTIMYCOTIQUES**  
[72] Karimian, Khashayar, CA  
[72] Li, Yiwei, CA  
[72] Leung-Toung, Chung Hin Soon Regis, CA  
[72] Tam, Fat Tim, CA  
[73] Apotex Inc., CA  
[22] 1996-09-16  
[30] NZ (280065) 1995-09-20

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[11] **2,185,773**  
[13] C

[51] **Int.Cl. 6F16C 11/06**  
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[54] **JOINT ASSEMBLY**  
[54] **ENSEMBLE DE JOINT**  
[72] Urbach, Brian A., US  
[72] Struss, Frank J., US  
[73] TRW Inc., US  
[22] 1996-09-17  
[30] US (533,734) 1995-09-26

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[11] **2,185,842**  
[13] C

[51] **Int.Cl. 6A01D 59/00 6A01F 15/14**  
[25] EN  
[54] **PORTABLE ROUND BALE WRAPPER**  
[54] **EMBALLEUSE PORTATIVE POUR BALES CYLINDRIQUES**  
[72] Sampson, Roy E., US  
[73] Sampson, Roy E., US  
[22] 1996-09-18  
[30] US (08/530,732) 1995-09-19

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[11] **2,186,154**  
[13] C

[51] **Int.Cl. 6A01F 15/14 6A01F 15/07**  
[25] EN  
[54] **WRAPPING MATERIAL SUPPLY ARRANGEMENT FOR LARGE ROUND BALER**  
[54] **DISPOSITIF D'ALIMENTATION EN MATERIAU DE RECOUVREMENT, POUR PRESSE A BALLEES CYLINDRIQUES**  
[72] Meyer, Bernard, DE  
[72] Moehrer, Juergen, DE  
[73] DEERE & COMPANY, US  
[22] 1996-09-20  
[30] DE (195 35 478.8) 1995-09-23

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[11] **2,186,515**  
[13] C

[51] **Int.Cl. 6H04B 1/707 6H04Q 7/22**  
[25] EN  
[54] **METHOD AND RECEIVER FOR DEMODULATING A RECEIVED SIGNAL**  
[54] **TECHNIQUE ET RECEPTEUR DE DEMODULATION D'UN SIGNAL RECU**  
[72] Lipa, Robert A., US  
[73] MOTOROLA, INC., US  
[85] 1996-09-25  
[86] 1995-12-14 (PCT/US95/16376)  
[87] (WO96/27251)  
[30] US (08/394,972) 1995-02-27

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[11] **2,186,588**  
[13] C

[51] **Int.Cl. 6C07F 9/10 6C07H 21/00 6A61K 9/127 6C07F 9/547 6A61K 31/70**  
[25] EN  
[54] **NOVEL CATIONIC PHOSPHOLIPIDS FOR TRANSFECTION**  
[54] **NOUVEAUX PHOSPHOLIPIDES CATIONIQUES DESTINES A LA TRANSFECTION**  
[72] Ashley, Gary W., US  
[72] MacDonald, Robert C., US  
[72] Shida, Miho, US  
[73] Northwestern University, US  
[85] 1996-09-26  
[86] 1995-03-28 (PCT/US95/03635)  
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[30] US (08/220,376) 1994-03-29

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[13] C

[51] Int.Cl. 6A61B 5/22 6A61B 5/16  
[25] EN  
[54] **HAND AND ARM STRENGTH TESTING APPARATUS TO BE USED IN A CONSTABLE SELECTION PROCESS**  
[54] **APPAREIL POUR TESTER LA FORCE DES BRAS ET DES MAINS LORS DU RECRUTEMENT DE POLICIERS**  
[72] Gledhill, Norm, CA  
[73] MINISTRY OF SOLICITOR GENERAL AND CORRECTIONAL SERVICES, CA  
[22] 1996-09-27

[11] 2,187,045  
[13] C

[51] Int.Cl. 6B60N 2/36  
[25] EN  
[54] **HEADREST STORAGE MECHANISM FOR MOTOR VEHICLE SEAT**  
[54] **MECANISME D'ESCAMOTAGE D'APPUIE-TETE DE SIEGE DE VEHICULE**  
[72] Kayumi, Tetsuya, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1996-10-03  
[30] JP (7-259941) 1995-10-06

[11] 2,187,913  
[13] C

[51] Int.Cl. 6B21B 1/08  
[25] EN  
[54] **METHOD FOR ROLLING SHAPE STEEL HAVING FLANGE AND WEB, AND ROLLING MILL LINE FOR THE SAME**  
[54] **PROCEDE ET LIGNE DE LAMINAGE POUR PRODUIRE DES PROFILES AYANT DES BRIDES ET UNE AME**  
[72] Nishino, Taneharu, JP  
[72] Ikuta, Kazushige, JP  
[72] Yamane, Hiroshi, JP  
[72] Hayashi, Shinya, JP  
[72] Yamashita, Hiroshi, JP  
[73] Nippon Steel Corporation, JP  
[85] 1996-10-15  
[86] 1996-02-16 (PCT/JP96/00349)  
[87] (WO96/25248)  
[30] JP (7-28514) 1995-02-16

[11] 2,188,094  
[13] C

[51] Int.Cl. 6G03B 1/12  
[25] EN  
[54] **FILM REWINDER**  
[54] **REBOBINEUR DE FILM**  
[72] Yamaguchi, Takuji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-10-17  
[30] JP (7-274141) 1995-10-23  
[30] JP (7-275534) 1995-10-24  
[30] JP (7-275602) 1995-10-24

[11] 2,188,348  
[13] C

[51] Int.Cl. 6G06K 19/07  
[25] EN  
[54] **CARD AND DEVICE FOR PROCESSING OF SAME**  
[54] **CARTE ET DISPOSITIF DE TRAITEMENT CONNEXE**  
[72] Yoshida, Hiroaki, JP  
[73] Kabushiki Kaisha Nippon Conlux, JP  
[22] 1996-10-21  
[30] JP (271507/1995) 1995-10-19

[11] 2,188,966  
[13] C

[51] Int.Cl. 6C07C 9/16 6C07C 317/04 6C07C 315/06 6C07C 7/10 6C07C 317/14 6C07D 333/48  
[25] EN  
[54] **SEPARATING SULFONE FROM A HYDROCARBON STREAM HAVING A CONCENTRATION OF SULFONE AND PRODUCING A DRY SULFONE PRODUCT**  
[54] **METHODE POUR SEPARER UN SULFONE D'UN CIRCUIT D'HYDROCARBURES QUI EN RENFERME; METHODE POUR L'OBTENTION D'UN SULFONE SEC**  
[72] Hovis, Keith W., US  
[72] Anderson, Richard L., US  
[73] Phillips Petroleum Company, US  
[22] 1996-10-28  
[30] US (08/567,010) 1995-12-04

[11] 2,190,089  
[13] C

[51] Int.Cl. 6E06B 9/56  
[25] EN  
[54] **CLUTCH CONTROL FOR ROLLER SHADES**  
[54] **COMMANDE D'ACCOUPLLEMENT POUR STORES A ENROULEUR**  
[72] Rude, Edward T., US  
[73] General Clutch Corporation, US  
[85] 1996-11-12  
[86] 1995-05-01 (PCT/US95/05449)  
[87] (WO95/31628)  
[30] US (08/241,848) 1994-05-12

[11] 2,190,608  
[13] C

[51] Int.Cl. 6G01P 15/13 6G01L 1/08  
[25] EN  
[54] **DIGITAL FORCE BALANCED INSTRUMENT**  
[54] **INSTRUMENT NUMERIQUE A BALANCE DE FORCES**  
[72] Warren, Keith O., US  
[73] LITTON SYSTEMS, INC., US  
[85] 1996-11-18  
[86] 1995-05-31 (PCT/US95/06896)  
[87] (WO95/33208)  
[30] US (08/251,591) 1994-05-31

[11] 2,191,211  
[13] C

[51] Int.Cl. 6B01J 20/20 6H01G 9/058 6H01G 4/08 6B01J 21/18  
[25] EN  
[54] **POROUS CARBONACEOUS MATERIAL, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF**  
[54] **MATIERE CARBONEE POREUSE, PROCEDE DE PRODUCTION DE LADITE MATIERE ET UTILISATION DE CETTE DERNIERE**  
[72] Ohsaki, Takushi, JP  
[72] Wakaizumi, Akira, JP  
[72] Inui, Takashi, JP  
[72] Nakamura, Akihiro, JP  
[72] Yanagita, Katsuyoshi, JP  
[72] Hayashida, Masayoshi, JP  
[73] Nippon Sanso Corporation, JP  
[85] 1996-11-25  
[86] 1996-03-29 (PCT/JP96/00839)  
[87] (WO96/30318)  
[30] JP (7/074227) 1995-03-30

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[11] **2,191,236**  
[13] C

[51] **Int.Cl. 6B60L 13/06**  
[25] EN  
[54] **ELECTRODYNAMIC GUIDANCE USING ALTERNATING CURRENT SUPERCONDUCTING MAGNETS**  
[54] **SYSTEME DE GUIDAGE ELECTRODYNAMIQUE UTILISANT DES AIMANTS SUPRACONDUCTEURS A COURANT ALTERNATIF**  
[72] Kuznetsov, Stephen B., US  
[73] POWER SUPERCONDUCTOR APPLICATIONS CO., INC., US  
[85] 1996-11-25  
[86] 1995-05-22 (PCT/US95/06488)  
[87] (WO95/32102)  
[30] US (248,327) 1994-05-24

[11] **2,192,499**  
[13] C

[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **UNIVERSAL DIRECTORY SERVICE**  
[54] **SERVICE REPERTOIRE UNIVERSEL**  
[72] Jones, Mark Alan, US  
[73] AT&T CORP., US  
[22] 1996-12-10  
[30] US (581,654) 1995-12-29

[11] **2,195,136**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **INCONTINENCE DIAPER**  
[54] **COUCHE POUR INCONTINENTS**  
[72] Wyant, James A., CA  
[73] Wyant, James A., CA  
[22] 1997-01-15

[11] **2,196,411**  
[13] C

[51] **Int.Cl. 6G01T 1/29 6G01T 1/36**  
[25] EN  
[54] **ELECTRON BEAM STOP ANALYZER**  
[54] **ANALYSE DE FAISCEAU ELECTRONIQUE AU MOYEN D'UN ARRET DE FAISCEAU**  
[72] Lawrence, Courtlandt B., CA  
[72] Lone, M. Aslam, CA  
[72] Barnard, John W., CA  
[72] Smyth, Dennis L., CA  
[72] Kaszuba, Wlodzimierz, CA  
[73] ATOMIC ENERGY OF CANADA LIMITED - ÉNERGIE ATOMIQUE DU CANADA, LIMITÉE, CA  
[85] 1997-01-30  
[86] 1996-02-07 (PCT/CA96/00072)  
[87] (WO96/26454)  
[30] US (08/392,512) 1995-02-23

[11] **2,197,455**  
[13] C

[51] **Int.Cl. 6D21B 1/02 6D21D 1/30**  
[25] EN  
[54] **LOW-RESIDENT, HIGH-TEMPERATURE, HIGH-SPEED CHIP REFINING**  
[54] **METHODE DE RAFFINAGE TRES RAPIDE DES COPEAUX A HAUTE TEMPERATURE**  
[72] SABOURIN, Marc J., US  
[73] ANDRITZ SPROUT-BAUER, INC., US  
[85] 1997-02-12  
[86] 1996-06-07 (PCT/US96/09784)  
[87] (WO96/41914)  
[30] US (08/489,332) 1995-06-12

[11] **2,197,508**  
[13] C

[51] **Int.Cl. 6F41H 11/12**  
[25] EN  
[54] **LAND MINE DESTROYING AND DISABLING SYSTEM**  
[54] **SYSTEME DE DESTRUCTION ET DE NEUTRALISATION DE MINES TERRESTRES**  
[72] Murray, Stephen B., CA  
[72] Gerrard, Keith B., CA  
[72] Coley, Geoffrey G., CA  
[73] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF THE DEP, CA  
[22] 1997-02-13

[11] **2,200,418**  
[13] C

[51] **Int.Cl. 6F24J 3/00**  
[25] EN  
[54] **VISCOUS FLUID TYPE HEAT GENERATOR WITH HEAT-GENERATION PERFORMANCE CHANGING UNIT**  
[54] **GENERATEUR DE CHALEUR DU TYPE A FLUIDE VISQUEUX A REGULATEUR DE PRODUCTION DE CHALEUR**  
[72] MORI, Hidefumi, JP  
[72] YAGI, Kiyoshi, JO  
[72] HIROSE, Tatsuya, JP  
[72] BAN, Takashi, JP  
[73] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1997-03-19  
[30] JP (8-66422) 1996-03-22

[11] **2,203,146**  
[13] C

[51] **Int.Cl. 6C06C 5/06**  
[25] EN  
[54] **UNIVERSAL ISOLATION MEMBER AND NON-ELECTRIC DETONATOR CAP INCLUDING THE SAME**  
[54] **ELEMENT ISOLANT UNIVERSEL ET CAPSULE DE DETONATEUR NON ELECTRIQUE LE COMPORTANT**  
[72] ZAPPALORTI, Alvaro, US  
[72] GLADDEN, Ernest L., US  
[72] DAVIS, Eric R., US  
[72] THURESON, Gary R., US  
[73] ENSIGN-BICKFORD COMPANY (THE), US  
[85] 1997-04-18  
[86] 1995-10-13 (PCT/US95/14444)  
[87] (WO96/12691)  
[30] US (08/327,200) 1994-10-21

[11] **2,218,266**  
[13] C

[51] **Int.Cl. 6H01F 27/06**  
[25] EN  
[54] **TRANSFORMER CORE-COIL FRAME ATTACHMENT AND GROUND**  
[54] **MISE A LA TERRE ET FIXATION AU CADRE D'UN ENSEMBLE NOYAU-SOLENOIDE APPARTENANT A UN TRANSFORMATEUR**  
[72] ADKINS, Herbert S., US  
[72] STRUEMPH, Dennis J., US  
[72] WARD, Thomas A., US  
[72] PARKER, Dean I., US  
[73] ABB Power T&D Company Inc., US  
[22] 1997-10-15  
[30] US (08/730,624) 1996-10-21

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[11] 2,220,275  
[13] C

[51] **Int.Cl. 6G01V 1/37**  
[25] EN  
[54] **HIGH FIDELITY VIBRATION SOURCE SEISMIC METHOD**  
[54] **PROCEDE SISMIQUE VIBRATOIRE HAUTE FIDELITE**  
[72] ALLEN, Kenneth Paul, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1997-11-05  
[86] 1996-05-03 (PCT/US96/06386)  
[87] (WO96/35965)  
[30] US (08/435,940) 1995-05-05

[11] 2,229,970  
[13] C

[51] **Int.Cl. 6C10G 1/04 6B03B 9/02**  
[25] EN  
[54] **JET PUMP TREATMENT OF HEAVY OIL PRODUCTION SAND**  
[54] **TRAITEMENT A LA POMPE A JET POUR SABLES RENFERMANT DU PETROLE LOURD**  
[72] BOZAK, Wade R., CA  
[72] FACEY, Roderick M., CA  
[72] COCHRANE, Patrick J., CA  
[72] BACON, Diana L., CA  
[73] CANADIAN ENVIRONMENTAL EQUIPMENT & ENGINEERING TECHNOLOGIES INC., CA  
[73] BACON, Diana L., CA  
[22] 1998-02-18

[11] 2,232,852  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CHEWING GUM MANUFACTURE USING HIGH EFFICIENCY CONTINUOUS MIXING**  
[54] **FABRICATION DE GOMME A MACHER PAR MALAXAGE CONTINU A GRANDE PUISSANCE**  
[72] SONG, Joo H., US  
[72] SUNDSTROM, Christafor E., US  
[72] RECORD, David W., US  
[72] SCHNELL, Philip G., US  
[72] TOWNSEND, Donald J., US  
[72] BRODERICK, Kevin B., US  
[73] SONG, Joo H.,  
[73] SUNDSTROM, Christafor E.,  
[73] RECORD, David W.,  
[73] SCHNELL, Philip G.,  
[73] TOWNSEND, Donald J.,  
[73] BRODERICK, Kevin B.,  
[22] 1995-09-13  
[62] 2,158,193  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] 2,232,869  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CHEWING GUM MANUFACTURE USING HIGH EFFICIENCY CONTINUOUS MIXING**  
[54] **FABRICATION DE GOMME A MACHER UTILISANT LE MELANGE EN CONTINU A HAUT RENDEMENT**  
[72] BRODERICK, Kevin B., US  
[72] SCHNELL, Philip G., US  
[72] TOWNSEND, Donald J., US  
[72] RECORD, David W., US  
[72] SUNDSTROM, Christafor E., US  
[72] SONG, Joo H., US  
[73] WM. WRIGLEY JR. COMPANY, US  
[22] 1995-09-13  
[62] 2,158,194  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] 2,232,872  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CONTINUOUS CHEWING GUM MANUFACTURING PROCESS FOR GUM WITH CONTROLLED FLAVOR RELEASE**  
[54] **PROCEDE DE FABRICATION EN CONTINU DE GOMME A MACHER A AROMATISATION PROLONGEE**  
[72] SUNDSTROM, Christafor E., US  
[72] RECORD, David W., US  
[72] TOWNSEND, Donald J., US  
[72] BRODERICK, Kevin B., US  
[72] SCHNELL, Philip G., US  
[72] SONG, Joo H., US  
[73] Wm. Wrigley Jr. Company, US  
[22] 1995-09-13  
[62] 2,158,206  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] 2,232,874  
[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CONTINUOUS CHEWING GUM MANUFACTURING PROCESS YIELDING GUM WITH IMPROVED FLAVOR PERCEPTION**  
[54] **PROCEDE DE FABRICATION EN CONTINU DE GOMME A MACHER DONNANT UNE GOMME AVEC PERCEPTION AMELIOREE DE L'AROME**  
[72] TOWNSEND, Donald J., US  
[72] RECORD, David W., US  
[72] SONG, Joo H., US  
[72] BRODERICK, Kevin B., US  
[72] SUNDSTROM, Christafor E., US  
[72] SCHNELL, Philip G., US  
[73] Wm. Wrigley Jr. Company, US  
[22] 1995-09-13  
[62] 2,158,208  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] 2,239,331  
[13] C

[51] **Int.Cl. 6A61K 31/545 6A61K 9/20**  
[25] EN  
[54] **PHARMACEUTICAL TABLETS COMPRISING CEFUROXIME AXETIL**  
[54]  
[72] SHERMAN, Bernard Charles, CA  
[73] SHERMAN, Bernard Charles, CA  
[22] 1998-05-29

[11] 2,244,704  
[13] C

[51] **Int.Cl. 6G01J 5/10 6F23N 5/08**  
[25] EN  
[54] **METHOD FOR DETERMINING THE AVERAGE RADIATION OF A BURNING BED IN COMBUSTION INSTALLATIONS AND FOR CONTROLLING THE COMBUSTION PROCESS**  
[54] **METHODE DE DETERMINATION DU RAYONNEMENT MOYEN D'UN LIT DE COMBUSTION DANS DES INSTALLATIONS DE COMBUSTION ET REGULATION DU PROCESSUS DE COMBUSTION**  
[72] MARTIN, Johannes Josef Edmund, DE  
[72] MARTIN, Walter, DE  
[73] MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK, DE  
[22] 1998-08-05  
[30] DE (197 35 139.5) 1997-08-13

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[11] **2,256,216**  
[13] C

[51] **Int.Cl. 6G02F 1/05**  
[25] EN  
[54] **OPTICAL CONTROL DEVICE AND METHOD FOR MAKING THE SAME**  
[54] **DISPOSITIF DE COMMANDE OPTIQUE ET METHODE DE FABRICATION CONNEXE**  
[72] NISHIMOTO, Hiroshi, JP  
[72] KAMBE, Toshiyuki, JP  
[73] NEC CORPORATION, JP  
[22] 1995-09-26  
[62] 2,159,129  
[30] JP (6-231754) 1994-09-27  
[30] JP (6-292625) 1994-11-28

[11] **2,257,661**  
[13] C

[51] **Int.Cl. 6E04F 13/02**  
[25] EN  
[54] **A METHOD OF SECURING AN ARCHITECTURAL FINISH ELEMENT TO A SURFACE**  
[54] **METHODE DE FIXATION D'UN ELEMENT DE REVETEMENT ARCHITECTURAL A UNE SURFACE**  
[72] ABOU-RACHED, Roger Georges, CA  
[73] R.A.R. Consultants Ltd., CA  
[22] 1994-01-07  
[62] 2,176,481  
[30] US (08/169,891) 1993-12-20

[11] \* **2,271,540**  
[13] C

[51] **Int.Cl. 6G11B 7/24**  
[25] EN  
[54] **MULTIPLE DATA SURFACE OPTICAL DATA STORAGE SYSTEM**  
[54] **SYSTEME DE STOCKAGE DE DONNEES OPTIQUES UTILISANT UN SUPPORT A SURFACES D'ENREGISTREMENTS MULTIPLES**  
[72] ROSEN, Hal Jervis, US  
[72] BEST, Margaret Evans, US  
[72] RUBIN, Kurt Allan, US  
[72] STRAND, Timothy Carl, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1992-04-15  
[62] 2,066,004  
[30] US (07/710,226) 1991-06-04

[11] \* **2,271,541**  
[13] C

[51] **Int.Cl. 6G11B 7/12 6G11B 7/24**  
[25] EN  
[54] **MULTIPLE DATA SURFACE OPTICAL DATA STORAGE SYSTEM**  
[54] **SYSTEME DE STOCKAGE DE DONNEES OPTIQUES UTILISANT UN SUPPORT A SURFACES D'ENREGISTREMENTS MULTIPLES**  
[72] STRAND, Timothy Carl, US  
[72] ROSEN, Hal Jervis, US  
[72] BEST, Margaret Evans, US  
[72] RUBIN, Kurt Allan, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1992-04-15  
[62] 2,066,004  
[30] US (07/710,226) 1991-06-04

[11] \* **2,271,542**  
[13] C

[51] **Int.Cl. 6G11B 7/12 6G11B 7/24**  
[25] EN  
[54] **MULTIPLE DATA SURFACE OPTICAL DATA STORAGE SYSTEM**  
[54] **SYSTEME DE STOCKAGE DE DONNEES OPTIQUES UTILISANT UN SUPPORT A SURFACES D'ENREGISTREMENTS MULTIPLES**  
[72] STRAND, Timothy Carl, US  
[72] ROSEN, Hal Jervis, US  
[72] BEST, Margaret Evans, US  
[72] RUBIN, Kurt Allan, US  
[73] STRAND, Timothy Carl, US  
[73] ROSEN, Hal Jervis, US  
[73] BEST, Margaret Evans, US  
[73] RUBIN, Kurt Allan, US  
[22] 1992-04-15  
[62] 2,066,004  
[30] US (07/710,226) 1991-06-04

[11] \* **2,271,543**  
[13] C

[51] **Int.Cl. 6G11B 7/00 6G11B 7/12 6G11B 7/24**  
[25] EN  
[54] **MULTIPLE DATA SURFACE OPTICAL DATA STORAGE SYSTEM**  
[54] **SYSTEME DE STOCKAGE DE DONNEES OPTIQUES UTILISANT UN SUPPORT A SURFACES D'ENREGISTREMENTS MULTIPLES**  
[72] STRAND, Timothy Carl, US  
[72] RUBIN, Kurt Allan, US  
[72] ROSEN, Hal Jervis, US  
[72] BEST, Margaret Evans, US  
[73] STRAND, Timothy Carl, US  
[73] RUBIN, Kurt Allan, US  
[73] ROSEN, Hal Jervis, US  
[73] BEST, Margaret Evans, US  
[22] 1992-04-15  
[62] 2,066,004  
[30] US (07/710,226) 1991-06-04



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November 7, 1999 - November 13, 1999

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[21] **2,230,975**  
[13] A1  
[51] Int.Cl. 6C12N 15/82 6A01H 5/00  
[25] EN  
[54] **WHEAT ALEURONE PROMOTER**  
[54] **PROMOTEUR D'ALEURONE DU GRAIN**  
[72] CASS, Leslie, CA  
[72] ALLARD, Sharon, CA  
[72] HARRIS, Linda, CA  
[72] SIMMONDS, John, CA  
[71] Her Majesty in Right of Canada as represented by the Minister of Agricul, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,230,991**  
[13] A1  
[51] Int.Cl. 6C12N 15/55 6A61K 48/00 6C12N 9/14 6C12Q 1/34 6A61K 39/395 6C07K 16/40 6A61K 38/46 6C12N 15/67 6C12Q 1/68 6A61K 31/70 6C12N 15/82  
[25] EN  
[54] **DNA DEMETHYLASE, THERAPEUTIC AND DIAGNOSIC USES THEREOF**  
[54] **DEMETHYLASE DE L'ADN ET UTILISATIONS THERAPEUTIQUES ET DIAGNOSTIQUES CONNEXES**  
[72] SZYF, Moshe, CA  
[72] BHATTACHARYA, Sanjoy, CA  
[72] RAMCHANDANI, Shyam, CA  
[71] MCGILL UNIVERSITY, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,231,051**  
[13] A1  
[51] Int.Cl. 6B30B 3/04 6F15B 15/02 6F03C 5/02 6F01B 19/04 6F04B 43/12  
[25] EN  
[54] **DEVICE FOR COMPRESSING A TUBE**  
[54] **DISPOSITIF DE COMPRESSION POUR TUBE**  
[72] GARAY, Thomas William, CA  
[71] GARAY, Thomas William, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,231,056**  
[13] A1  
[51] Int.Cl. 6B62D 25/16 6E02F 9/08 6E02F 3/32  
[25] EN  
[54] **BACKHOE FRONT FENDER ASSEMBLY**  
[54] **ENSEMBLE D'AILE AVANT DE PELLE RETROCAVEUSE**  
[72] CLÉMENT, François, CA  
[71] CLÉMENT, François, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,231,060**  
[13] A1  
[51] Int.Cl. 6A47G 29/02 6A47G 29/08  
[25] EN  
[54] **EARRING HANGER**  
[54] **PORTE-BOUCLES D'OREILLE**  
[72] BONE, Deanna Patricia, CA  
[71] BONE, Deanna Patricia, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,231,087**  
[13] A1  
[51] Int.Cl. 6A47J 43/25  
[25] EN  
[54] **GREATER GRATER**  
[54] **SUPER RAPE**  
[72] LONDON, Rupert W.W., CA  
[72] LONDON, Winston P., CA  
[71] LONDON, Rupert W.W., CA  
[71] LONDON, Winston P., CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,231,720**  
[13] A1  
[51] Int.Cl. 6C12N 15/12 6A61K 48/00 6C07H 21/04 6A61K 39/395 6C12Q 1/68 6A61K 31/70  
[25] EN  
[54] **MOLECULAR DIAGNOSTIC OF GLAUCOMAS ASSOCIATED WITH CHROMOSOME 1 AND METHOD OF TREATMENT THEREOF**  
[54] **DIAGNOSTIC MOLECULAIRE DE GLAUCOME LIE AU CHROMOSOME 1 ET METHODE DE TRAITEMENT CONNEXE**  
[72] MORISSETTE, Jean, CA  
[72] FALARDEAU, Pierre, CA  
[72] RAYMOND, Vincent, CA  
[72] ANCTIL, Jean-Louis, CA  
[72] COTÉ, Gilles, CA  
[71] UNIVERSITÉ LAVAL, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,232,388**  
[13] A1  
[51] Int.Cl. 6E04B 1/78 6A01G 9/14  
[25] EN  
[54] **GREENHOUSE ENERGY SAVER**  
[54] **ECONOMISEUR D'ENERGIE POUR SERRE**  
[72] SEHOVAC, Sinisa, CA  
[71] SEHOVAC, Sinisa, CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,232,399**  
[13] A1  
[51] **Int.Cl. 6G01P 3/481 6G08C 21/00**  
[25] EN  
[54] **OPTICAL ENCODER WITH ABSOLUTE COMMUNICATION AND INCREMENTAL READING SYSTEM**  
[54] **ENCODEUR OPTIQUE A COMMUNICATION ABSOLUE ET DOTE D'UN SYSTEME INCREMENTIEL DE LECTURE**  
[72] PENNER, Alvin, CA  
[71] Hohner Corp, CA  
[71] PENNER, Alvin, CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,232,406**  
[13] A1  
[51] **Int.Cl. 6A61G 1/00**  
[25] EN  
[54] **WRAP-EVAC**  
[54] **SANGLE DE SAUVETAGE**  
[72] FROST, Grant, CA  
[71] FROST, Grant, CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,232,459**  
[13] A1  
[51] **Int.Cl. 6A43C 15/00**  
[25] EN  
[54] **ICE-GRIP HEEL**  
[54] **CRAMPONS A GLACE POUR LE TALON**  
[72] TOPDJIAN, Krikor, CA  
[71] TOPDJIAN, Krikor, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,234,864**  
[13] A1  
[51] **Int.Cl. 6B28B 11/08**  
[25] EN  
[54] **APPARATUS TO MANUFACTURE "GREEN" BRICKS**  
[54] **APPAREIL DE FABRICATION DE BRIQUES EN CRU VERT**  
[72] LEE, Barry William, AU  
[71] BORAL BRICKS (NSW) PTY. LTD., AU  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,235,094**  
[13] A1  
[51] **Int.Cl. 6A61K 48/00**  
[25] EN  
[54] **OVEREXPRESSION HUMAN METHENYLtetrahydrofolate SYNTHETASE TO SENSITIZE CANCER CELLS TO 5-FLUOROURACIL CYTOTOXICITY**  
[54] **SUREXPRESSION DE LA LIGASE METHENYLtetrahydrofolate HUMAINE AFIN DE SENSIBILISER LES CELLULES CANCEREUSES A LA CYTOTOXICITE FLUORO-URACILE**  
[72] JOLIVET, Jacques, CA  
[71] CHARRON, Guy, CA  
[71] JOLIVET, Jacques, CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,236,748**  
[13] A1  
[51] **Int.Cl. 6A61D 19/02**  
[25] EN  
[54] **BOAR SEMEN COLLECTION BAG**  
[54] **SAC COLLECTEUR POUR SEMENCE DE VERRAT**  
[72] SIMMET, Ludwig O., US  
[72] SIMMET, Christian J., DE  
[71] MINITUBE OF AMERICA, INC., US  
[22] 1998-06-02  
[43] 1999-11-13  
[30] US (09/078,168) 1998-05-13

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[21] **2,236,878**  
[13] A1  
[51] **Int.Cl. 6E06C 7/48 6E06C 7/10**  
[25] EN  
[54] **LADDER SUPPORT**  
[54] **SUPPORT D'ECHELLE**  
[72] VOSSLER, Darby J., US  
[71] VOSSLER, Darby J., US  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,236,883**  
[13] A1  
[51] **Int.Cl. 6B68C 1/12**  
[25] EN  
[54] **SADDLE COVER**  
[54] **HOUSSE DE SELLE**  
[72] GRAFF, Shelley, CA  
[72] VAN MULL, Alice, CA  
[71] GRAFF, Shelley, CA  
[71] VAN MULL, Alice, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,236,889**  
[13] A1  
[51] **Int.Cl. 6E06B 9/324 6E06B 9/266**  
[25] EN  
[54] **SAFETY TASSEL**  
[54] **GLAND DE SECURITE**  
[72] LOBERG, Arnold, CA  
[71] LOBERG, Arnold, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,236,909**  
[13] A1  
[51] **Int.Cl. 6A45C 11/00 6A45F 5/00 6A45F 3/02**  
[25] EN  
[54] **HOCKEY STICK CARRYING BAG**  
[54] **SAC DE TRANSPORT POUR BATONS DE HOCKEY**  
[72] HINCHER, William, US  
[71] HINCHER, William, US  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,011**  
[13] A1  
[51] **Int.Cl. 6F24F 5/00 6F24H 1/00 6F24H 6/00**  
[25] EN  
[54] **INTEGRATED AIR CONDITIONING SYSTEM WITH HOT WATER PRODUCTION**  
[54] **SYSTEME DE CLIMATISATION INTEGRE NE PRODUISANT PAS D'EAU**  
[72] CHOUINARD, Jean-Guy, CA  
[72] SAMI, Samuel M., CA  
[72] ELKAIM, David, CA  
[72] RATNANI, Kébir, CA  
[71] SOCIÉTÉ EN COMMANDITE GAZ MÉTROPOLITAIN, CA  
[71] GAZ DE FRANCE, FR  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,097**  
[13] A1  
[51] **Int.Cl. 6B60R 19/52 6B62D 35/00 6B60R 13/00 6B62D 25/08**  
[25] EN  
[54] **AIR DAM INSECT SCREEN**  
[54] **ECRAN EMPECHANT L'ENTREE DES INSECTES**  
[72] MOROZ, Jody, CA  
[71] MOROZ, Jody, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,107**  
[13] A1

[51] **Int.Cl. 6B65D 90/02 6B29D 24/00 6B29C 63/18 6B65D 90/50**  
[25] EN  
[54] **COMPOSITE STORAGE TANK HAVING DOUBLE WALL CHARACTERISTICS**  
[54] **RESERVOIR EN MATERIAU COMPOSITE A DOUBLE PAROI**  
[72] SHARP, Bruce R., US  
[71] SHARP, Bruce R., US  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,121**  
[13] A1

[51] **Int.Cl. 6G09F 13/04**  
[25] EN  
[54] **THREE-DIMENSIONAL SIGN/DISPLAY**  
[54] **ETALAGE/ENSEIGNE A TROIS DIMENSIONS**  
[72] SWALES, James Richard, CA  
[71] SWALES, James Richard, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,133**  
[13] A1

[51] **Int.Cl. 6G01N 1/22**  
[25] EN  
[54] **NITROGEN DIOXIDE PASSIVE SAMPLING SYSTEM**  
[54] **SYSTEME D'ECHANTILLONNAGE PASSIF DU DIOXYDE D'AZOTE**  
[72] HONGMAO, Tang, CA  
[71] MAXXAM ANALYTICS INC., CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,208**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/20**  
[25] EN  
[54] **CONGESTION NOTIFICATION FROM ROUTER**  
[54] **AVIS D'ENCOMBREMENT PROVENANT D'UN ROUTEUR**  
[72] HADI SALIM, Jamal, CA  
[72] NANDY, Biswajit, CA  
[72] SEDDIGH, Nabil, CA  
[72] THOO, Joseph Fook-Kong, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,209**  
[13] A1

[51] **Int.Cl. 6G01N 1/00 6B65D 55/02 6B65D 81/24 6B65D 85/50 6B65D 85/62**  
[25] EN  
[54] **FOLDABLE CARDBOARD BOX FOR CONTACT-FREE DRYING AND LONG-TERM STORAGE OF BIOLOGICAL EVIDENCE RECOVERED ON COTTON SWABS AND FORENSIC EVIDENCE COLLECTION KIT INCLUDING SAME**  
[54] **BOITE EN CARTON PLIABLE POUR SECHAGE SANS CONTACT ET ENTREPOSAGE A LONG TERME DE PREUVES BIOLOGIQUES RECUEILLIES SUR COTON-TIGE ET TROUSSE DE COLLECTE DE PREUVES MEDICO-LEGALES COMPRENANT CETTE BOITE**  
[72] HOCHMEISTER, Manfred N., CH  
[72] LEE, Henry C., US  
[71] INSTITUTE OF LEGAL MEDICINE OF THE UNIVERSITY OF BERNE, CH  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,212**  
[13] A1

[51] **Int.Cl. 6F02M 35/024 6F02M 35/104**  
[25] EN  
[54] **HIGH PERFORMANCE AUTOMOTIVE AIR INTAKE**  
[54] **ENTREE D'AIR A HAUT RENDEMENT POUR VEHICULE AUTOMOBILE**  
[72] SICA, Gerardo, CA  
[71] SICA, Gerardo, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,223**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04L 9/00**  
[25] EN  
[54] **SECURE ELECTRONIC TRANSACTION SYSTEM**  
[54] **SYSTEME DE TRANSACTION ELECTRONIQUE DE SECURITE**  
[72] McLELLAN, Kerry, CA  
[71] McLELLAN, Kerry, CA  
[22] 1998-05-07  
[43] 1999-11-07

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[21] **2,237,229**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **AN IMPROVED BIOPROSTHETIC HEART VALVE**  
[54] **VALVE CARDIAQUE BIOPROSTHETIQUE AMELIOREE**  
[72] WAN, Wan Kei, CA  
[72] BOUGHNER, Derek, CA  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,230**  
[13] A1

[51] **Int.Cl. 6H01R 33/05 6H01R 33/22**  
[25] EN  
[54] **DECORATION LAMP SOCKET**  
[54] **DOUILLE DE LAMPE DECORATRICE**  
[72] LIN, Mei-Lu, TW  
[71] LIN, Mei-Lu, TW  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,231**  
[13] A1

[51] **Int.Cl. 6C08F 4/606 6C08F 10/00 6C08F 4/52 6C08F 4/646**  
[25] EN  
[54] **HETEROGENEOUS METALLOCENE CATALYST**  
[54] **CATALYSEUR METALLOCENE HETEROGENE**  
[72] CIUPA, Alison, CA  
[72] MCKAY, Ian, CA  
[72] CHISHOLM, P. Scott, CA  
[71] NOVA CHEMICALS LTD., CA  
[22] 1998-05-08  
[43] 1999-11-08

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**November 7, 1999 - November 13, 1999**

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[21] **2,237,243**  
[13] A1

[51] **Int.Cl. 6F04B 53/16**  
[25] EN  
[54] **METHOD OF REDUCING LEAKAGE FROM A SHAFT CONNECTION FOR A PUMP SEALED BY COMPRESSIBLE PACKING AND A PUMP FITTING**  
[54] **METHODE DE REDUCTION DES FUITES DU COUPLAGE D'UN ARBRE POUR POMPE SCHELLEE AU MOYEN D'UNE ETANCHEIFICATION COMPRESSIBLE ET D'UN RACCORD DE POMPE**  
[72] COSGRAVE, Ronald Frank, CA  
[71] COSGRAVE, Ronald Frank, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,246**  
[13] A1

[51] **Int.Cl. 6B60R 13/04**  
[25] EN  
[54] **MAGNETIC MOTOR VEHICLE BODY PROTECTION APPARATUS AND METHOD OF USE OF THE SAME**  
[54] **APPAREIL MAGNETIQUE DE PROTECTION DE LA CARROSSERIE D'UN VEHICULE MOTORISE ET METHODE D'UTILISATION DE CELUI-CI**  
[72] ROSKEY, Timothy Allen, CA  
[71] ROSKEY, Timothy Allen, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,247**  
[13] A1

[51] **Int.Cl. 6G06K 9/18 6H02G 1/00**  
[25] EN  
[54] **METHOD OF MONITORING THE CONDITION OF POLES MAKING UP A TRANSMISSION/DISTRIBUTION LINE NETWORK**  
[54] **METHODE DE SURVEILLANCE DE LA CONDITION DES POTEAUX FORMANT UN RESEAU DE LIGNES DE TRANSMISSION ET DE DISTRIBUTION**  
[72] WALL, Wesley James, CA  
[72] WALL, Calvin Lee Michael, CA  
[71] WALL, Wesley James, CA  
[71] WALL, Calvin Lee Michael, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,257**  
[13] A1

[51] **Int.Cl. 6F16L 55/12 6F16L 55/18**  
[25] EN  
[54] **A DOWNSTREAM PLUG**  
[54] **BOUCHON AVAL**  
[72] WALTER, Bronislav, CA  
[72] SAVARD, Donald D., CA  
[72] FRIEDRICH, Jaromir, CA  
[71] PA - PLUG INC., CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,261**  
[13] A1

[51] **Int.Cl. 6E04H 17/20 6E04H 12/00 6E04H 17/00**  
[25] EN  
[54] **POST COVER WITH TONGUE AND GROOVE JOINT**  
[54] **COUVERCLE DE POTEAU AVEC ASSEMBLAGE A RAINURE ET LANGUETTE**  
[72] LARONDE, Mark J., CA  
[71] LARONDE, Mark J., CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,262**  
[13] A1

[51] **Int.Cl. 6A63F 9/08**  
[25] EN  
[54] **FIVE-LAYER INTELLECTUAL CUBE**  
[54] **CUBE DE JEU INTELLECTUEL A CINQ COUCHES**  
[72] CHEN, Sen Li, TW  
[71] CHEN, Sen Li, TW  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,264**  
[13] A1

[51] **Int.Cl. 6H04L 29/02**  
[25] EN  
[54] **RECEIVER BASED CONGESTION CONTROL**  
[54] **CONTROLE DE L'ENCOMBREMENT AU NIVEAU DU RECEPTEUR**  
[72] HADI SALIM, Jamal, CA  
[72] THOO, Joseph Fook-Kong, CA  
[72] SEDDIGH, Nabil, CA  
[72] NANDY, Biswajit, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,278**  
[13] A1

[51] **Int.Cl. 6E05B 19/00 6E05B 35/00 6E05B 47/00**  
[25] EN  
[54] **A KEY WITH A DISK ARRANGEMENT AND A METHOD FOR SETTING A LOCK TO IDENTIFY THE KEY FOR UNLOCKING A DOOR**  
[54] **CLE DOTEE D'UN ENSEMBLE DE DISQUES ET D'UNE METHODE DE REGLAGE PERMETTANT AU VERROU D'IDENTIFIER LA CLE REQUISE POUR DEVERROUILLER UNE PORTE**  
[72] LEE, Wante, TW  
[71] LEE, Wante, TW  
[71] LIU, Chieh-Pi, TW  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,291**  
[13] A1

[51] **Int.Cl. 6B09C 1/06 6C22B 43/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOVING MERCURY AND ORGANIC CONTAMINANTS FROM SOILS, SLUDGES AND SEDIMENTS AND OTHER INERT MATERIALS**  
[54] **METHODE ET APPAREIL SERVANT A RETIRER LE MERCURE ET LES CONTAMINANTS ORGANIQUES DU SOL, DE LA BOUE, DE SEDIMENTS ET D'AUTRES MATERIAUX INERTES**  
[72] ELY, Robert, US  
[72] SIDDLE, Herbert, US  
[71] SCC ENVIRONMENTAL, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,295**  
[13] A1

[51] **Int.Cl. 6G01L 5/00 6G08C 17/02 6B65B 25/04**  
[25] EN  
[54] **IMPACT MEASURING DEVICE FOR DELICATE AND FRAGILE ARTICLES**  
[54] **DISPOSITIF DE MESURE D'IMPACT POUR ARTICLES DELICATS ET FRAGILES**  
[72] McNALLY, Wayd, CA  
[72] HAAN, Tom, CA  
[71] HAAN, Thomas, CA  
[71] McNALLY, Wayd, CA  
[71] HAAN, Tom, CA  
[22] 1998-05-08  
[43] 1999-11-08

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,237,305**  
[13] A1

[51] **Int.Cl. 6A61C 5/02 6A61C 5/10**  
[25] EN  
[54] **BRAKING STRUCTURE FOR REHABILITATION TROLLEY**  
[54] **SYSTEME DE FREINAGE POUR CHARIOT DE READAPTATION**  
[72] LEE, Daniel, TW  
[71] APEX CARE INDUSTRY, TW  
[71] APEX MEDICAL CORP., TW  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,317**  
[13] A1

[51] **Int.Cl. 6F01M 11/04 6F16N 31/00**  
[25] EN  
[54] **QUICK-CONNECT ENGINE OIL DRAINAGE SYSTEM**  
[54] **SYSTEME DE VIDANGE D'HUILE MOTEUR A RACCORDEMENT RAPIDE**  
[72] MORIN, Claude, US  
[71] MORIN, Claude, US  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,341**  
[13] A1

[51] **Int.Cl. 6A01B 29/00 6E01C 19/25**  
[25] EN  
[54] **FOLDABLE AGRICULTURAL ROLLER**  
[54] **ROULEAU AGRICOLE PLIABLE**  
[72] BERNIER, André, CA  
[71] BERNIER, André, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,344**  
[13] A1

[51] **Int.Cl. 6F04D 9/02**  
[25] EN  
[54] **PUMP ASSEMBLY**  
[54] **ASSEMBLAGE D'UNE POMPE**  
[72] HOWCHIN, Robert W., CA  
[71] HOWCHIN, Robert W., CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,372**  
[13] A1

[51] **Int.Cl. 6A63B 57/00 6A45F 5/02**  
[25] EN  
[54] **HOLDER FOR GOLFING ACCESSORIES**  
[54] **SUPPORT POUR ACCESSOIRES DE GOLF**  
[72] REID, Abel Patrick, CA  
[71] REID, Abel Patrick, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,373**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **LIFE INSURANCE METHOD SYSTEM AND PRODUCT**  
[54] **PRODUIT, METHODE ET SYSTEME D'ASSURANCE-VIE**  
[72] BURKHALTER, Swinton B., US  
[72] SEXTON, Frank M., US  
[71] BURKHALTER, Swinton B., US  
[71] SEXTON, Frank M., US  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,383**  
[13] A1

[51] **Int.Cl. 6C09K 7/06 6E21B 43/26**  
[25] EN  
[54] **REFINED OIL GELLING SYSTEM**  
[54] **SYSTEME DE GELIFICATION D'HUILE RAFFINEE**  
[72] NORGAARD, Jessica, CA  
[72] AMIN, Junad, CA  
[72] ALLAN, Travis Lee, CA  
[71] CANADIAN FRACMASTER LTD., CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,414**  
[13] A1

[51] **Int.Cl. 6F23G 5/08 6F23G 7/00**  
[25] FR  
[54] **TRAITEMENT DE RESIDUS HUMIDES CONTENANT UNE CHARGE POLLUANTE ET/OU TOXIQUE**  
[54] **TREATMENT OF MOIST RESIDUE CONTAINING POLLUTANT AND/OR TOXIC SUBSTANCES**  
[72] LABRECQUE, Raynald, CA  
[72] LAFLAMME, Claude B., CA  
[71] HYDRO-QUÉBEC, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,415**  
[13] A1

[51] **Int.Cl. 6B60Q 9/00 6B60R 25/10**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROMPTING INSPECTION OF A MULTI-PASSENGER VEHICLE**  
[54] **SYSTEME ET METHODE POUR SOLLICITER L'INSPECTION D'UN VEHICULE A PLUSIEURS PASSAGERS**  
[72] PHILLIPS, R. William, CA  
[72] REAVELL, James A., CA  
[71] B.M.R. MFG. INC., CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,422**  
[13] A1

[51] **Int.Cl. 6G06F 11/32 6H04L 12/24**  
[25] EN  
[54] **RESOURCE MANAGEMENT METHOD AND SYSTEM**  
[54] **SYSTEME ET METHODE DE GESTION DES RESSOURCES**  
[72] BRENNAN, Paul M., CA  
[72] GIOTIS, Fotini Claire, CA  
[72] GROEN, Pieter W., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,437**  
[13] A1

[51] **Int.Cl. 6E05B 73/00**  
[25] EN  
[54] **POWER CORD THEFT-RESISTING DEVICE**  
[54] **DISPOSITIF ANTIVOL POUR CORDON D'ALIMENTATION**  
[72] WOLD, Edwin L., CA  
[72] WOLD, Clifford J., CA  
[71] WOLD, Edwin L., CA  
[71] WOLD, Clifford J., CA  
[22] 1998-05-12  
[43] 1999-11-12

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**November 7, 1999 - November 13, 1999**

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[21] **2,237,441**  
[13] A1

[51] **Int.Cl. 6H04L 9/00**  
[25] EN  
[54] **A MECHANISM FOR SECURE TENDERING IN AN OPEN ELECTRONIC NETWORK**  
[54] **MECANISME POUR SOUMISSIONNER EN TOUTE SECURITE DANS UN RESEAU ELECTRONIQUE OUVERT**  
[72] KOU, Weidong, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,448**  
[13] A1

[51] **Int.Cl. 6F16L 58/02 6F16L 58/18**  
[25] EN  
[54] **PIPE-COATING METHOD AND PRODUCT**  
[54] **METHODE ET PRODUIT DE REVETEMENT DE TUYAUX**  
[72] HUTCHINSON, Martin, GB  
[72] ROBINSON, Ian, GB  
[71] E. WOOD LIMITED, GB  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,237,458**  
[13] A1

[51] **Int.Cl. 6B60B 19/00 6B60B 7/00 6G01P 13/00 6G01M 17/06**  
[25] EN  
[54] **WHEEL ROTATION MARKER**  
[54] **INDICATEUR DE ROTATION D'UNE ROUE**  
[72] BROTEN, Timothy S., CA  
[71] BROTEN, Timothy S., CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,237,462**  
[13] A1

[51] **Int.Cl. 6A01K 27/00**  
[25] EN  
[54] **DOG LEASH WITH BAG CONTAINER**  
[54] **LAISSE DE CHIEN MUNIE DE PORTE-SAC**  
[72] POLDING, Janet Marie Armstrong, CA  
[71] POLDING, Janet Marie Armstrong, CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,237,477**  
[13] A1

[51] **Int.Cl. 6A47J 47/16 6A47J 36/06**  
[25] EN  
[54] **REVERSIBLE STACKING POT LID STAND**  
[54] **SUPPORT REVERSIBLE POUR EMPILER DES COUVERCLES DE CASSEROLES**  
[72] WANG, Holman, CA  
[71] WANG, Holman, CA  
[22] 1998-05-11  
[43] 1999-11-11

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[21] **2,237,481**  
[13] A1

[51] **Int.Cl. 6G02B 6/38**  
[25] EN  
[54] **ADAPTER AND GUIDE PIN ASSEMBLY FOR COUPLING OF FIBER OPTIC CONNECTORS**  
[54] **ASSEMBLAGE D'UN ADAPTEUR ET D'UNE BROCHE DE GUIDAGE POUR LE COUPLAGE DE CONNECTEURS A FIBRE OPTIQUE**  
[72] COOKE, Terry L., US  
[72] DEAN, David L., US  
[72] ROSSON, Joel C., US  
[72] GIEBEL, Markus A., US  
[72] KNECHT, Dennis M., US  
[72] LUTHER, James P., US  
[71] SIECOR CORPORATION, US  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,485**  
[13] A1

[51] **Int.Cl. 6H01R 13/639 6H01R 33/97**  
[25] EN  
[54] **PLUG LOCK FOR ELECTRICAL APPLIANCE**  
[54] **CHEVILLE DE VERROUILLAGE POUR APPAREIL ELECTROMENAGER**  
[72] TATEISHI, Art, CA  
[71] TATEISHI, Art, CA  
[22] 1998-05-08  
[43] 1999-11-08

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[21] **2,237,496**  
[13] A1

[51] **Int.Cl. 6G02B 6/38**  
[25] EN  
[54] **ADAPTER ASSEMBLY FOR PRECISE ALIGNMENT OF FIBER OPTIC CONNECTORS**  
[54] **ASSEMBLAGE D'UN ADAPTEUR POUR L'ALIGNEMENT PRECIS DE CONNECTEURS A FIBRE OPTIQUE**  
[72] GIEBEL, Markus A., US  
[72] WAGNER, Karl M., US  
[72] DEAN, David L., Jr., US  
[72] LUTHER, James P., US  
[71] SIECOR CORPORATION, US  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,501**  
[13] A1

[51] **Int.Cl. 6B65G 69/08 6B08B 9/08 6B65G 53/24 6B65G 65/40**  
[25] EN  
[54] **CLEANING DUCT FOR VACUUM CLEANING OF STORAGE BINS**  
[54] **CONDUITE DE NETTOYAGE PAR LE VIDE DE SILOS D'ENTREPOSAGE**  
[72] GAMMEL, Tim, CA  
[72] BROOKS, Keith, CA  
[71] GAMMEL, Tim, CA  
[71] BROOKS, Keith, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,237,509**  
[13] A1

[51] **Int.Cl. 6B30B 11/22**  
[25] EN  
[54] **SILENT STRUCTURE FOR A DRAWING DIE AND A SILENT RUN-UP UNIT THEREFOR**  
[54] **STRUCTURE SILENCIEUSE POUR MATRICE D'EMBOUITISSAGE ET UNITE SILENCIEUSE DE POINT FIXE CONNEXE**  
[72] MATSUOKA, Mitsuo, JP  
[71] JCM CO., LTD., JP  
[71] UMIX CO., LTD., JP  
[22] 1998-05-11  
[43] 1999-11-11

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**7 novembre 1999 - 13 novembre 1999**

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[21] **2,237,511**  
[13] A1

[51] **Int.Cl. 6E01H 10/00 6E01C 19/00 6B60K 13/04 6B60P 1/04**  
[25] EN  
[54] **VEHICLE SAND SPREADER**  
[54] **VEHICULE EPANDEUR DE SABLE**  
[72] WITTY, Sylvain, CA  
[72] LAMOUREUX, Guy, CA  
[71] TENCO MACHINERY LTD., CA  
[22] 1998-05-13  
[43] 1999-11-13

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[21] **2,237,513**  
[13] A1

[51] **Int.Cl. 6E21B 4/02 6F03B 13/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CREATING POSITIVE PRESSURE IN A SPEED REDUCTION TOOL USED WITH A DRILLING TURBINE**  
[54] **METHODE ET APPAREIL POUR CREER UNE PRESSION POSITIVE DANS UN REDUCTEUR DE VITESSE UTILISE AVEC UNE TURBINE DE FORAGE**  
[72] WENZEL, Kenneth Hugo, CA  
[71] WENZEL, Kenneth Hugo, CA  
[22] 1998-05-12  
[43] 1999-11-12

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[21] **2,238,108**  
[13] A1

[51] **Int.Cl. 6A01B 73/04**  
[25] EN  
[54] **FLEXIBLE FRAME FOR A MULTI-SECTION IMPLEMENT**  
[54] **CADRE SOUPLE A CONFIGURATION MULTIPLE**  
[72] GRAHAM, William Douglas, US  
[72] BENNETT, Robert Edwin, US  
[72] CLARK, Richard Hugo, US  
[72] BRUEGGEN, Shane Julius, US  
[71] DEERE & COMPANY, US  
[22] 1998-06-25  
[43] 1999-11-07  
[30] US (09/074,121) 1998-05-07

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[21] **2,238,455**  
[13] A1

[51] **Int.Cl. 6E04D 1/12 6E04D 1/34**  
[25] EN  
[54] **WIND-RESISTANT SHINGLE AND METHOD OF APPLYING**  
[54] **BARDEAU RESISTANT AU VENT ET METHODE D'APPLICATION DE CELUI-CI**  
[72] SNYDER, R. Allan, US  
[72] KALKANOGLU, Husnu M., US  
[72] STAHL, Kermit E., US  
[72] JENKINS, Robert L., US  
[71] CERTAINTED CORPORATION, US  
[22] 1998-05-22  
[43] 1999-11-11  
[30] US (09/075,206) 1998-05-11

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[21] **2,239,769**  
[13] A1

[51] **Int.Cl. 6A01B 63/22**  
[25] EN  
[54] **GAUGE STRUCTURE FOR A CYCLINDER OPERATED DEPTH CONTROL**  
[54] **INDICATEUR DE NIVEAU POUR CONTROLEUR DE PROFONDEUR A COMMANDE PAR VERIN**  
[72] GRAHAM, William Douglas, US  
[72] CLARK, Richard Hugo, US  
[72] HUBBARD, Loyd Thomas, Jr., US  
[72] BRUEGGEN, Shane Julius, US  
[72] BENNETT, Robert Edwin, US  
[71] DEERE & COMPANY, US  
[22] 1998-06-25  
[43] 1999-11-12  
[30] US (09/076,461) 1998-05-12

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[21] **2,242,119**  
[13] A1

[51] **Int.Cl. 6B60P 3/14**  
[25] EN  
[54] **UTILITY PACKAGE INCLUDING AN AIR COMPRESSOR AND A TOOL COMPARTMENT**  
[54] **TROUSSE UTILITAIRE COMPRENANT UN COMPRESSEUR D'AIR ET UN COMPARTIMENT D'OUTILS**  
[72] GLIDDEN, Travis, US  
[72] FORMANEK, Thomas G., US  
[72] ZROSTLIK, Francis L., US  
[71] STELLAR INDUSTRIES, INC., US  
[22] 1998-07-02  
[43] 1999-11-12  
[30] US (09/076,543) 1998-05-12

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[21] **2,242,452**  
[13] A1

[51] **Int.Cl. 6E05B 5/00 6F25D 23/00**  
[25] EN  
[54] **LOCKING HANDLE FOR REFRIGERATORS**  
[54] **POIGNEE DE VERROUILLAGE POUR REFRIGERATEURS**  
[72] ANDERSSON, Kenneth, SE  
[72] LINDQVIST, Per-Olof, SE  
[72] NILSSON, Bo, SE  
[72] ALVRING, Gunnar, SE  
[72] MOSELEY, Andrew, DE  
[71] WHITE CONSOLIDATED INDUSTRIES, INC., US  
[22] 1998-07-07  
[43] 1999-11-11  
[30] US (09/075,612) 1998-05-11

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[21] **2,244,485**  
[13] A1

[51] **Int.Cl. 6B65F 3/14 6B65F 1/14**  
[25] EN  
[54] **SUCTION SYSTEM FOR URBAN WASTES AND FOR RECYCLABLE MATERIALS**  
[54] **SYSTEME DE RAMASSAGE PAR ASPIRATION DE DECHETS URBAINS ET DE MATIERES RECYCLABLES**  
[72] PRECETTI, Massimo, IT  
[71] CAPPELLOTTO S.P.A., IT  
[71] PRECETTI, Massimo, IT  
[71] TERMOMECCANICA S.P.A., IT  
[22] 1998-08-04  
[43] 1999-11-13  
[30] IT (MI98A 001042) 1998-05-13

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[21] **2,244,574**  
[13] A1

[51] **Int.Cl. 6G06T 7/00 6G06K 9/62**  
[25] EN  
[54] **CEPSTRAL METHOD AND SYSTEM FOR DETECTING/CLASSIFYING OBJECTS**  
[54] **SYSTEME ET METHODE CEPSTRAUX POUR LA DETECTION ET LA CLASSIFICATION D'OBJETS**  
[72] PETTY, Joe V., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[22] 1998-08-07  
[43] 1999-11-08  
[30] US (09/075,100) 1998-05-08

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[21] **2,245,279**  
[13] A1

[51] **Int.Cl. 6E05C 17/10 6E05C 3/04**  
[25] EN  
[54] **NON-HANDED WINDOW LOCK ACTUATOR**  
[54] **VERIN NON SYMETRIQUE POUR SERRURE DE FENETRE**  
[72] DALLMANN, Brian D., US  
[72] MIDAS, Thomas J., US  
[72] FRENZEN, Timothy T., US  
[71] TRUTH HARDWARE CORPORATION, US  
[22] 1998-08-10  
[43] 1999-11-11  
[30] US (09/076,294) 1998-05-11

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[21] **2,246,075**  
[13] A1

[51] **Int.Cl. 6G01B 17/02 6G01N 29/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING THE THICKNESS OF A COATED MATERIAL**  
[54] **METHODE ET APPAREIL POUR MESURER L'EPAISSEUR D'UN MATERIAU ENDUIT**  
[72] CARODISKEY, Thomas J., US  
[71] EMERSON ELECTRIC CO., US  
[22] 1998-10-02  
[43] 1999-11-12  
[30] US (09/076,612) 1998-05-12

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[21] **2,248,560**  
[13] A1

[51] **Int.Cl. 6A62B 17/00 6A62C 39/00 6A41D 13/02**  
[25] EN  
[54] **GARMENT HAVING ROPE-CARRYING POCKET**  
[54] **VETEMENT AYANT UNE POCHE DESTINEE AU TRANSPORT DE LA CORDE**  
[72] DeROSA, Steven C., US  
[72] GRILLIOT, Mary I., US  
[72] GRILLIOT, William L., US  
[71] DeROSA, Steven C., US  
[71] GRILLIOT, Mary I., US  
[71] GRILLIOT, William L., US  
[22] 1998-09-23  
[43] 1999-11-13  
[30] US (09/076,954) 1998-05-13

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[21] **2,248,963**  
[13] A1

[51] **Int.Cl. 6C12N 15/57 6A61K 48/00 6C12Q 1/37 6C07K 16/40 6A61K 38/48 6A61K 38/55 6G01N 33/573 6C12N 9/64 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] SMITH, Trudi, US  
[72] SOUTHAN, Christopher Donald, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[22] 1998-10-28  
[43] 1999-11-11  
[30] GB (9810074.6) 1998-05-11  
[30] GB (9812524.8) 1998-06-10

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[21] **2,248,987**  
[13] A1

[51] **Int.Cl. 6C12N 15/57 6A61K 48/00 6C12Q 1/37 6C07K 16/40 6A61K 38/48 6G01N 33/573 6C12N 9/64 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **COMPOSES NOUVEAUX**  
[72] SOUTHAN, Christopher Donald, GB  
[72] BURGESS, Nicola Anne, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[22] 1998-10-28  
[43] 1999-11-13  
[30] GB (9810373.2) 1998-05-13  
[30] GB (9818009.4) 1998-08-18

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[21] **2,249,873**  
[13] A1

[51] **Int.Cl. 6E01B 35/12 6E02D 1/00 6E02D 33/00 6G01V 9/00**  
[25] EN  
[54] **EARTHEN MATERIAL INTEGRITY SENSING DEVICE**  
[54] **DISPOSITIF POUR VERIFIER L'INTEGRITE DU SOL**  
[72] PICTON, Daniel R., US  
[71] PICTON, Daniel R., US  
[22] 1998-10-08  
[43] 1999-11-13  
[30] US (09/078,305) 1998-05-13

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[21] **2,250,691**  
[13] A1

[51] **Int.Cl. 6H04M 1/02 6H04Q 7/32**  
[25] EN  
[54] **PORTABLE TELEPHONE HANDSET CONSTRUCTION**  
[54] **CONSTRUCTION D'UN COMBINE TELEPHONIQUE PORTATIF**  
[72] MURPHY, Paul Anthony, HK  
[72] SMITH, Brian Douglas, GB  
[72] YOUNG, Duncan, Grant, GB  
[72] COURT, Nigel Timothy, GB  
[71] VTECH COMMUNICATIONS, LTD., HK  
[22] 1998-10-20  
[43] 1999-11-12  
[30] GB (9810177.7) 1998-05-12

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[21] **2,252,029**  
[13] A1

[51] **Int.Cl. 6E01F 15/04**  
[25] EN  
[54] **A MODULAR SEPARATING BARRIER ELEMENT**  
[54] **BARRIERE DE SEPARATION MODULAIRE**  
[72] MARÉS IBANEZ, Pere, ES  
[71] CONSTRUCCIONES MECANICAS MARÉS, S.A., ES  
[22] 1998-11-19  
[43] 1999-11-12  
[30] ES (9800987) 1998-05-12

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[21] **2,254,204**  
[13] A1

[51] **Int.Cl. 6E02F 3/38 6E02F 3/342**  
[25] EN  
[54] **IMPROVED SHOVEL ARM FOR EARTH-MOVING VEHICLES**  
[54] **BRAS AMELIORE D'UNE PELLE EXCAVATRICE POUR MACHINES DE TERRASSEMENT**  
[72] CAVALIERE, Antonio, IT  
[71] FKI FAI KOMATSU INDUSTRIES S.P.A., IT  
[22] 1998-11-20  
[43] 1999-11-12  
[30] IT (VR98A000041) 1998-05-12

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[21] **2,254,385**  
[13] A1

[51] **Int.Cl. 6G02B 27/44 6H04J 14/02**  
[25] EN  
[54] **INTERLACED PHASED ARRAY OPTICAL GRATING**  
[54] **RESEAU OPTIQUE AUX GUIDES D'ONDES A COMMANDE DE PHASE ENTRELACEES**  
[72] DELISLE, Vincent, CA  
[71] JDS FITEL INC., CA  
[22] 1998-11-17  
[43] 1999-11-13  
[30] US (09/078,034) 1998-05-13

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[21] **2,254,865**  
[13] A1

[51] **Int.Cl. 6B60B 21/12 6G01P 1/00 6B60Q 11/00 6B60R 27/00**  
[25] EN  
[54] **WHEEL ROTATION MARKER**  
[54] **INDICATEUR DE ROTATION D'UNE ROUE**  
[72] BROTEN, Timothy S., CA  
[71] BROTEN, Timothy S., CA  
[22] 1998-12-01  
[43] 1999-11-13  
[30] CA (2,237,458) 1998-05-13

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[21] **2,255,563**  
[13] A1

[51] **Int.Cl. 6A61L 2/10**  
[25] EN  
[54] **ULTRAVIOLET TREATMENT FOR AQUEOUS LIQUIDS**  
[54] **TRAITEMENT ULTRA-VIOLET POUR LIQUIDES AQUEUX**  
[72] HALLETT, Ronald C., CA  
[72] HALLETT, Douglas J., CA  
[71] HALLETT, Ronald C., CA  
[71] HALLETT, Douglas J., CA  
[22] 1998-12-14  
[43] 1999-11-13  
[30] US (09/076,902) 1998-05-13

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[21] **2,256,063**  
[13] A1

[51] **Int.Cl. 6F16H 25/22**  
[25] EN  
[54] **EXTERNALLY INSTALLABLE BALL RETURN CROSSOVER SYSTEMS FOR BALL NUT AND SCREW ASSEMBLIES AND METHODS OF CONSTRUCTING AND INSTALLING THEM**  
[54] **SYSTEMES NON INTEGRES DE CROISEMENT DES RENVOIS DE BILLES POUR ASSEMBLAGES DE VIS ET D'ECROUS A BILLES, ET METHODES DE CONSTRUCTION ET D'INSTALLATION DE CEUX-CI**  
[72] SEPESI, David A., US  
[72] BROWN, Mark P., US  
[72] BABINSKI, James A., US  
[72] WELLING, William E., US  
[71] THOMSON SAGINAW BALL SCREW COMPANY, LLC, US  
[22] 1998-12-15  
[43] 1999-11-12  
[30] US (60/085,164) 1998-05-12  
[30] US (09/181,979) 1998-10-29

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[21] **2,256,293**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36**  
[25] EN  
[54] **FREQUENCY REUSE IN MILLIMETRIC WAVE POINT-TO-POINT RADIO SYSTEM**  
[54] **FREQUENCE RE-UTILISER DANS UN SYSTEME RADIO D'ONDES POINT A POINT MILLIMETRIQUE**  
[72] SANDLER, Howard M., CA  
[72] DEAN, Stuart, CA  
[72] ASTELL, Paul, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-12-17  
[43] 1999-11-13  
[30] US (60/085,351) 1998-05-13

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[21] **2,257,770**  
[13] A1

[51] **Int.Cl. 6H02M 7/60**  
[25] EN  
[54] **ROTATABLE INVERTER**  
[54] **CONVERTISSEUR ROTATIF**  
[72] SUNG, Han-jun, KR  
[72] JANG, Seong-deog, KR  
[72] HAN, Yong-woon, KR  
[72] KIM, Chul, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-01-07  
[43] 1999-11-12  
[30] KR (98-17024) 1998-05-12  
[30] KR (98-18589) 1998-05-22  
[30] KR (98-21117) 1998-06-08  
[30] KR (98-21118) 1998-06-08  
[30] KR (98-35377) 1998-08-29

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[21] **2,260,109**  
[13] A1

[51] **Int.Cl. 6A47L 11/12 6B23D 13/00 6A47L 11/40**  
[25] EN  
[54] **BLADE HOLDER FOR FLOOR STRIPPING MACHINE AND A FLOOR STRIPPING MACHINE**  
[54] **PORTE-LAME DE DECAPEUSE DE PLANCHER ET DECAPEUSE DE PLANCHER**  
[72] GAUMONT, Claude, CA  
[71] GAUMONT, Claude, CA  
[22] 1999-01-19  
[43] 1999-11-07

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[21] **2,260,204**  
[13] A1

[51] **Int.Cl. 6A47C 3/30**  
[25] EN  
[54] **CHAIR SEAT HEIGHT ADJUSTMENT MECHANISM**  
[54] **MECANISME DE REGLAGE EN HAUTEUR D'UN FOND DE SIEGE**  
[72] STUMPF, William S., CA  
[71] NORTHFIELD METAL PRODUCTS LTD., CA  
[22] 1999-01-21  
[43] 1999-11-08  
[30] US (09/075,114) 1998-05-08

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[21] **2,260,409**  
[13] A1

[51] **Int.Cl. 6A01D 61/00 6A01D 57/00 6A01D 34/12 6A01D 57/24**  
[25] EN  
[54] **WINDROWER SPECIALTY CROP PLATFORM HAVING RIGHT-AND LEFT-HAND CANTILEVERED AUGERS LOCATED BENEATH A FULL-LENGTH CENTER-FEED AUGER**  
[54] **PLATE-FORME D'UNE ANDAINEUSE DE CULTURE SPECIALE MUNIE DE FRAISES D'ABBATAGE EN PORTE-A-FAUX A DROITE ET A GAUCHE PLACEES SOUS UNE FRAISE D'ABATTAGE CENTRALE PLEINE LONGUEUR**  
[72] KELLER, Melvin William, US  
[72] KRAMBECK, Frederick Carl, US  
[71] DEERE & COMPANY, US  
[22] 1999-02-12  
[43] 1999-11-08  
[30] US (09/076,040) 1998-05-08

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[21] **2,261,368**  
[13] A1

[51] **Int.Cl. 6G08G 1/095 6G09F 9/33**  
[25] EN  
[54] **LIGHT EMITTING DIODE RETROFITTING LAMPS FOR ILLUMINATED TRAFFIC SIGNS**  
[54] **LAMPES A DIODES ELECTROLUMINESCENTES MODERNISEES POUR PANNEAUX DE SIGNALISATION LUMINEUX**  
[72] WU, Chen H., US  
[71] LEOTEK ELECTRONICS CORPORATION, TW  
[22] 1999-02-09  
[43] 1999-11-08  
[30] US (09/075,492) 1998-05-08

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[21] **2,261,493**  
[13] A1

[51] **Int.Cl. 6B66C 1/42 6B66F 9/18**  
[25] EN  
[54] **CLAMP FOR HANDLING STACKED LOADS OF DIFFERENT SIZES AT DIFFERENT MAXIMUM CLAMPING FORCES**  
[54] **PINCE DE SERRAGE POUR MANIPULER DES CHARGES EMPILEES DE DIVERSES TAILLES A DIFFERENTES FORCES MAXIMALES DE SERRAGE**  
[72] SEABERG, Richard D., US  
[71] CASCADE CORPORATION, US  
[22] 1999-02-12  
[43] 1999-11-11  
[30] US (09/076,000) 1998-05-11

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[21] **2,261,541**  
[13] A1

[51] **Int.Cl. 6A01C 7/08 6A01C 7/20**  
[25] EN  
[54] **SEED PLANTER DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION D'UN SEMOIR**  
[72] MURRAY, Timothy Allen, US  
[72] BREKER, Eugene Irving, US  
[72] PRAIRIE, Douglas Samuel, US  
[72] MEYER, Bradley John, US  
[71] CASE CORPORATION, US  
[22] 1999-02-09  
[43] 1999-11-12  
[30] US (09/076,225) 1998-05-12

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[21] **2,262,809**  
[13] A1

[51] **Int.Cl. 6A43B 3/10 6A43B 13/28**  
[25] EN  
[54] **SLIPPER AND METHOD FOR MANUFACTURING SLIPPER**  
[54] **PANTOUFLE ET METHODE DE FABRICATION DE CELLE-CI**  
[72] STEWART, Theresa, US  
[72] BRAY, Walter Thomas Jr., US  
[71] R.G. BARRY CORPORATION, US  
[22] 1999-02-24  
[43] 1999-11-11  
[30] US (09/075,760) 1998-05-11

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[21] **2,263,777**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G07F 19/00**  
[25] EN  
[54] **SYSTEMS AND METHODS OF PAYING FOR COMMERCIAL TRANSACTIONS**  
[54] **SYSTEMES ET METHODES DE PAIEMENT D'OPERATIONS COMMERCIALES**  
[72] McLELLAN, Kerry, CA  
[72] ERICKSON, Christopher, CA  
[71] 724 SOLUTIONS INC., CA  
[22] 1999-03-01  
[43] 1999-11-07  
[30] CA (2,237,223) 1998-05-07  
[30] US (UNKNOWN) 1999-01-27

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[21] **2,264,215**  
[13] A1

[51] **Int.Cl. 6B30B 15/12 6B30B 15/10**  
[25] EN  
[54] **WET CLUTCH/BRAKE FOR A MECHANICAL PRESS**  
[54] **EMBRAYAGE-FREIN HYDRAULIQUE DE PRESSE MECANIQUE**  
[72] DANIEL, Edward A., US  
[72] BORNHORST, John B., US  
[72] PALMER, Russell W., US  
[72] EVERS, Kevin J., US  
[72] BURNS, Bradley A., US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1999-02-26  
[43] 1999-11-07  
[30] US (60/084,604) 1998-05-07

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[21] **2,264,401**  
[13] A1

[51] **Int.Cl. 6F16F 15/08 6F04B 53/00**  
[25] EN  
[54] **PRESTRESSED COMPRESSOR MOUNT INSTALLATION APPARATUS AND ASSOCIATED METHODS**  
[54] **APPAREIL POUR INSTALLER UN SUPPORT PRECONTRAIT DE COMPRESSEUR ET METHODES CONNEXES**  
[72] SWIFT, Kenneth R., Jr., US  
[72] RASMUSSEN, Ronald J., US  
[72] TANG, Punan, US  
[71] RHEEM MANUFACTURING COMPANY, US  
[22] 1999-03-04  
[43] 1999-11-11  
[30] US (09/076,323) 1998-05-11

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[21] **2,265,082**  
[13] A1

[51] **Int.Cl. 6A23L 1/01 6B65D 81/34**  
[25] EN  
[54] **POUCH MEAL**  
[54] **REPAS EN SAC**  
[72] SJOBERG, Elisabeth, SE  
[72] NILSSON, Göran, SE  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A., CH  
[22] 1999-03-29  
[43] 1999-11-08  
[30] GB (9809919.5) 1998-05-08

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[21] **2,265,263**  
[13] A1

[51] **Int.Cl. 6B24D 7/18 6B24D 13/14**  
[25] EN  
[54] **UNIVERSAL ABRASIVE DISC**  
[54] **DISQUE PONCEUR UNIVERSEL**  
[72] GOUPIL, Richard J., US  
[72] LONG, David J., US  
[72] KRUPA, Paul A., US  
[71] NORTON COMPANY, US  
[22] 1999-03-15  
[43] 1999-11-11  
[30] US (09/075,648) 1998-05-11

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[21] **2,265,281**  
[13] A1

[51] **Int.Cl. 6F16C 3/02 6F16D 3/10 6B62D 1/16**  
[25] EN  
[54] **FORCE TRANSMITTING APPARATUS**  
[54] **APPAREIL DE TRANSMISSION DE FORCE**  
[72] CARTWRIGHT, Mark A., US  
[71] TRW INC., US  
[22] 1999-03-11  
[43] 1999-11-12  
[30] US (09/076,271) 1998-05-12

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[21] **2,265,290**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **PERSONAL COMPUTER KEYBOARD SUPPORT HAVING MOVEABLE MOUSE EXTENSION**  
[54] **SUPPORT DE CLAVIER DE MICRO-ORDINATEUR MUNI D'UNE SECTION AMOVIBLE POUR LA SOURIS**  
[72] TIMM, Derek, US  
[71] WORK-RITE ERGONOMIC ACCESSORIES, INC., US  
[22] 1999-03-11  
[43] 1999-11-07  
[30] US (09/135,322) 1998-08-07

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[21] **2,265,355**  
[13] A1

[51] **Int.Cl. 6A47L 9/32 6A47L 9/00**  
[25] EN  
[54] **HAND GRIP AND UPPER HANDLE ASSEMBLY FOR A SELF-PROPELLED UPRIGHT VACUUM CLEANER**  
[54] **ASSEMBLAGE DE MANCHE ET DE POIGNEE POUR ASPIRATEUR VERTICAL AUTO-PROPULSE**  
[72] FREDERICK, Lynn A., US  
[72] LEONATTI, John A., US  
[72] BOSYJ, Nick M., US  
[72] MILLER, Daniel R., US  
[72] MORGAN, Jeffery A., US  
[71] THE HOOVER COMPANY, US  
[22] 1999-03-16  
[43] 1999-11-08  
[30] US (09/074,845) 1998-05-08

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[21] **2,265,359**  
[13] A1

[51] **Int.Cl. 6A47L 9/32 6A47L 9/00**  
[25] EN  
[54] **SELF-PROPELLED UPRIGHT VACUUM CLEANER WITH OFFSET AGITATOR AND MOTOR PIVOT POINTS**  
[54] **ASPIRATEUR VERTICAL AUTO-PROPULSE AVEC AGITATEUR ET POINTS D'ARTICULATION DE MOTEUR LATERAUX**  
[72] MORGAN, Jeffery A., US  
[72] SYMENSMA, Kenneth L., US  
[72] SPECHT, Glenn E., US  
[72] WEBER, Vincent L., US  
[71] THE HOOVER COMPANY, US  
[22] 1999-03-16  
[43] 1999-11-08  
[30] US (09/074,852) 1998-05-08

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[21] **2,265,373**  
[13] A1

[51] **Int.Cl. 6D06F 58/20 6D06F 59/00**  
[25] EN  
[54] **DRYING RACK WITH ELECTRONIC CONTROL**  
[54] **SECHOIR-TREILLIS A COMMANDE ELECTRONIQUE**  
[72] HERR, Joel L., US  
[71] MAYTAG CORPORATION, US  
[22] 1999-03-16  
[43] 1999-11-13  
[30] US (09/078,169) 1998-05-13

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[21] **2,265,406**  
[13] A1

[51] **Int.Cl. 6A47L 9/00**  
[25] EN  
[54] **TRANSMISSION NEUTRAL LOCKING ARRANGMENT FOR A SELF-PROPELLED VACUUM CLEANER**  
[54] **VERROUILLAGE DE LA TRANSMISSION EN POSITION NEUTRE POUR ASPIRATEUR AUTO-PROPULSE**  
[72] LOUIS, Jeffrey S., US  
[72] WEBER, Vincent L., US  
[72] MORGAN, Jeffery A., US  
[72] SPECHT, Glenn E., US  
[72] SYMENSMA, Kenneth L., US  
[71] THE HOOVER COMPANY, US  
[22] 1999-03-17  
[43] 1999-11-08  
[30] US (09/075,352) 1998-05-08

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[21] **2,265,962**  
[13] A1

[51] **Int.Cl. 6A23G 9/02**  
[25] EN  
[54] **COMPOSITE ICE CREAM CONFECTIONERY ARTICLE, AND MANUFACTURING PROCESS**  
[54] **FRIANDISES COMPOSEES A LA CREME GLACEE ET PROCESSUS DE FABRICATION CONNEXE**  
[72] DUFORT, Christian, FR  
[72] SUNDERLAND, Charles-Austin, FR  
[72] FOURNET, Alain, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A., CH  
[22] 1999-04-01  
[43] 1999-11-08  
[30] EP (98201460.7) 1998-05-08

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[21] **2,266,055**  
[13] A1

[51] **Int.Cl. 6H04Q 7/32**  
[25] FR  
[54] **PROCEDE POUR PARAMETRER L'AFFICHAGE SUR UN EQUIPEMENT MOBILE DE RADIOCOMMUNICATION COOPERANT AVEC UN MODULE D'IDENTIFICATION D'ABONNE**  
[54] **PROCEDURE FOR SETTING THE DISPLAY OF A MOBILE RADIOCOMMUNICATION UNIT IN CONJUNCTION WITH A SUBSCRIBER IDENTITY MODULE**  
[72] VASNIER, Frédéric, FR  
[72] HUBBE, Pascal, FR  
[71] ALCATEL, FR  
[22] 1999-04-06  
[43] 1999-11-07  
[30] FR (98 05 834) 1998-05-07

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[21] **2,266,061**  
[13] A1

[51] **Int.Cl. 6G01F 1/34 6G01N 1/24**  
[25] EN  
[54] **ISOTHERMAL FLOW CONTROLLER FOR AIR SAMPLER**  
[54] **REGULATEUR DE DEBIT ISOTHERME POUR ECHANTILLONNEUR D'AIR**  
[72] HALL, Peter M., US  
[71] SKC, INC., US  
[22] 1999-04-06  
[43] 1999-11-08  
[30] US (09/075,103) 1998-05-08

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[21] **2,266,209**  
[13] A1

[51] **Int.Cl. 6B21D 31/00 6B21D 5/00**  
[25] EN  
[54] **INSIDE PERIMETER HEMMER**  
[54] **OURLEUSE POUR CONTOUR INTERNE**  
[72] HARTLEY, William R., US  
[71] UNOVA IP CORP., US  
[22] 1999-03-17  
[43] 1999-11-12  
[30] US (09/076,378) 1998-05-12

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[21] **2,266,809**  
[13] A1

[51] **Int.Cl. 6E21B 34/08**  
[25] EN  
[54] **REVERSE CIRCULATING CONTROL VALVE**  
[54] **SOUPAPE DE COMMANDE DE CIRCULATION INVERSE**  
[72] LEEB, Rodney, CA  
[72] LEEB, Gerald, CA  
[71] LEEB, Rodney, CA  
[71] LEEB, Gerald, CA  
[22] 1999-03-23  
[43] 1999-11-07

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[21] **2,266,812**  
[13] A1

[51] **Int.Cl. 6E03C 1/22 6E03C 1/26**  
[25] EN  
[54] **NEW AND IMPROVED GRID DRAIN**  
[54] **NOUVEAU DRAIN A GRILLE AMELIORE**  
[72] McROBERTS, Thomas M., US  
[71] McGUIRE MANUFACTURING CO., INC., US  
[22] 1999-03-19  
[43] 1999-11-07  
[30] US (09/073,847) 1998-05-07

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[21] **2,266,864**  
[13] A1

[51] **Int.Cl. 6C10M 139/00 6C10M 133/38 6C10M 133/44 6C10M 133/58**  
[25] EN  
[54] **LUBRICANT OIL COMPOSITION**  
[54] **COMPOSITION D'HUILE LUBRIFIANTE**  
[72] NAKANISHI, Hiroshi, JP  
[72] KUGIMIYA, Takanori, JP  
[72] TAGUCHI, Shigeko, JP  
[71] TONEN CORPORATION, JP  
[22] 1999-04-12  
[43] 1999-11-08  
[30] JP (142914/98) 1998-05-08

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[21] **2,266,970**  
[13] A1

[51] **Int.Cl. 6E04H 1/12**  
[25] EN  
[54] **CHILD'S PLAY SHELTER**  
[54] **ABRI DE JEU POUR ENFANT**  
[72] MARKUTEN, Richard, US  
[71] MARKUTEN, Richard, US  
[22] 1999-03-25  
[43] 1999-11-12  
[30] US (09/076,093) 1998-05-12

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[21] **2,267,001**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/12 6H04Q 7/38**  
[25] EN  
[54] **A MOBILE POINT-TO-POINT PROTOCOL**  
[54] **PROTOCOLE POINT A POINT MOBILE**  
[72] CHUAH, Mooi Choo, US  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-24  
[43] 1999-11-08  
[30] US (09/074,582) 1998-05-08

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[21] **2,267,002**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/12**  
[25] EN  
[54] **A MULTI-HOP POINT-TO-POINT-PROTOCOL**  
[54] **PROTOCOLE POINT A POINT A BOND MULTIPLE**  
[72] CHUAH, Mooi Choo, US  
[72] RAI, Girish, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-24  
[43] 1999-11-08  
[30] US (09/074,745) 1998-05-08

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[21] **2,267,448**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **DUSTLESS MOUSE**  
[54] **SOURIS ANTI-POUSSIERE**  
[72] CHUN-HORNG, Lin, US  
[71] CHUN-HORNG, Lin, US  
[22] 1999-03-29  
[43] 1999-11-13  
[30] US (09/078,312) 1998-05-13

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[21] **2,267,470**  
[13] A1

[51] **Int.Cl. 6A01C 15/00 6A01C 5/06**  
[25] EN  
[54] **SOIL CONTACTING FINGER WHEEL**  
[54] **DISQUE SOLEIL ENTRANT EN CONTACT AVEC LE SOL**  
[72] KIRBY, Donald, CA  
[71] KIRBY, Donald, CA  
[22] 1999-03-29  
[43] 1999-11-08  
[30] US (09/074,839) 1998-05-08

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[21] **2,267,589**  
[13] A1

[51] **Int.Cl. 6H04L 9/32 6H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING AUTHENTICATION IN COMMUNICATION SYSTEMS**  
[54] **METHODE ET DISPOSITIF D'AUTHENTIFICATION POUR SYSTEMES DE COMMUNICATION**  
[72] BERENZWEIG, Adam L., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-29  
[43] 1999-11-07  
[30] US (09/073,870) 1998-05-07

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[21] **2,267,607**  
[13] A1

[51] **Int.Cl. 6B62D 33/067 6B62D 49/00**  
[25] EN  
[54] **PIVOT ASSEMBLY FOR A VEHICLE CAB**  
[54] **BLOC-PIBOT POUR HABITACLE DE VEHICULE**  
[72] DIMITRIJEVIC, Milan, DE  
[72] THOMPSON, Graham, US  
[71] DEERE & COMPANY, US  
[22] 1999-04-15  
[43] 1999-11-07  
[30] DE (198 20 377.2) 1998-05-07

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[21] **2,267,652**  
[13] A1

[51] **Int.Cl. 6F16B 35/00**  
[25] EN  
[54] **LOCKBOLT AND METHOD FOR WIPING MATERIAL FROM A LOCKBOLT JOINT**  
[54] **BOULON DE BLOCAGE ET METHODE POUR ENLEVER UNE MATIERE DU JOINT D'UN BOULON DE BLOCAGE**  
[72] RICHARDS, John F., US  
[71] THE BOEING COMPANY, US  
[22] 1999-03-31  
[43] 1999-11-08  
[30] US (09/075,018) 1998-05-08

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[21] **2,267,714**  
[13] A1

[51] **Int.Cl. 6H04B 1/00 6H04B 7/005**  
[25] EN  
[54] **METHOD AND APPARATUS TO REDUCE TRANSMITTER OVERLOAD OF A TRANSMIT SCANNING RECEIVER**  
[54] **METHODE ET APPAREIL POUR REDUIRE LA SURCHARGE DU TRANSMETTEUR D'UN EMETTEUR-RECEPTEUR A EXPLORATION**  
[72] WEN, Jack Chi-Chieh, US  
[72] RUCKI, John Stanley, US  
[72] PAGANO, Carmine James II, US  
[72] ZAPPALA, Christopher F., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-24  
[43] 1999-11-13  
[30] US (09/076,951) 1998-05-13

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[21] **2,267,718**  
[13] A1

[51] **Int.Cl. 6A23L 1/226**  
[25] EN  
[54] **FLAVOURING**  
[54] **ESSENCE AROMATIQUE**  
[72] BELRHLID, Rachid, CH  
[72] CHAINTREAU, Alain, CH  
[72] POLLIEN, Philippe, CH  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1999-04-15  
[43] 1999-11-07  
[30] EP (98201490.4) 1998-05-07

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[21] **2,267,719**  
[13] A1

[51] **Int.Cl. 6G06F 11/30 6G06F 15/16**  
[25] EN  
[54] **CLIENT-BASED APPLICATION AVAILABILITY AND RESPONSE MONITORING AND REPORTING FOR DISTRIBUTED COMPUTING ENVIRONMENTS**  
[54] **SURVEILLANCE DE LA DISPONIBILITE ET DE LA REPONSE D'UNE APPLICATION CLIENTE DANS DES ENVIRONNEMENTS INFORMATIQUES REPARTIS ET PRODUCTION DE RAPPORTS CONNEXES**  
[72] REPS, Steven M., US  
[72] VEDATI, Keshavprasad, US  
[72] LUZZI, Joseph, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-03-24  
[43] 1999-11-11  
[30] US (09/075,629) 1998-05-11

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[21] **2,267,762**  
[13] A1

[51] **Int.Cl. 6H01G 7/00**  
[25] EN  
[54] **THE METHOD OF OBTAINING THE ADJUSTABLE CAPACITOR**  
[54] **METHODE D'OBTENTION DU CONDENSATEUR REGLABLE**  
[72] ZAKHARIAN, Manvel, CA  
[71] ZAKHARIAN, Manvel, CA  
[22] 1999-04-01  
[43] 1999-11-11  
[30] WO (PCT/IB98/00694) 1998-05-11

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[21] **2,267,937**  
[13] A1

[51] **Int.Cl. 6C08F 4/646 6C08F 10/00 6C08F 4/02 6C08F 10/02 6C08F 2/34**  
[25] EN  
[54] **SPLIT ALUMINUM ADDITION PROCESS FOR MAKING CATALYST**  
[54] **PROCESSUS FRACTIONNE D'ADDITION D'ALUMINIUM POUR LA FABRICATION D'UN CATALYSEUR**  
[72] KER, Victoria, CA  
[72] RUSSELL, Charles, CA  
[72] KELLY, Mark, CA  
[72] JEREMIC, DUSAN, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 1999-04-06  
[43] 1999-11-12  
[30] US (09/076,139) 1998-05-12

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[21] **2,267,939**  
[13] A1

[51] **Int.Cl. 6C08F 4/646 6C08F 10/00 6C08F 4/02 6C08F 10/02 6C08F 2/34**  
[25] EN  
[54] **CHLORIDE PROCESS FOR MAKING CATALYST**  
[54] **PROCESSUS DE TRAITEMENT AU CHLORURE POUR LA FABRICATION D'UN CATALYSEUR**  
[72] KER, Victoria, CA  
[72] JEREMIC, DUSAN, CA  
[72] KELLY, Mark, CA  
[72] RUSSELL, Charles, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
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[43] 1999-11-12  
[30] US (09/076,280) 1998-05-12

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[21] **2,267,940**  
[13] A1  
[51] **Int.Cl. 6C08F 4/646 6C08F 10/00  
6C08F 4/02 6C08F 10/02 6C08F 2/34**  
[25] EN  
[54] **TITANIUM PROCESS FOR  
MAKING CATALYST**  
[54] **PROCESSUS DE TRAITEMENT AU  
TITANE POUR LA FABRICATION D'UN  
CATALYSEUR**  
[72] KELLY, Mark, CA  
[72] KER, Victoria, CA  
[72] JEREMIC, DUSAN, CA  
[72] RUSSELL, Charles, CA  
[71] NOVA CHEMICALS  
CORPORATION, CA  
[22] 1999-04-06  
[43] 1999-11-12  
[30] US (09/076,515) 1998-05-12

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[21] **2,267,946**  
[13] A1  
[51] **Int.Cl. 6C08F 4/646 6C08F 10/00  
6C08F 4/02 6C08F 10/02 6C08F 2/34**  
[25] EN  
[54] **MAGNESIUM ALUMINUM  
PROCESS FOR MAKING CATALYST**  
[54] **PROCESSUS DE TRAITEMENT AU  
MAGNESIUM ET A L'ALUMINIUM  
POUR LA FABRICATION D'UN  
CATALYSEUR**  
[72] JEREMIC, DUSAN, CA  
[72] KELLY, Mark, CA  
[72] KER, Victoria, CA  
[72] RUSSELL, Charles, CA  
[71] NOVA CHEMICALS  
CORPORATION, CA  
[22] 1999-04-06  
[43] 1999-11-12  
[30] US (09/076,560) 1998-05-12

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[21] **2,267,993**  
[13] A1  
[51] **Int.Cl. 6G01F 1/68 6G01F 1/69**  
[25] EN  
[54] **FLOW RATE SENSOR**  
[54] **SONDE DE MESURE DE DEBIT**  
[72] CAUDILL, Eric B., US  
[72] KHADKIKAR, Prasad S., US  
[71] THERM-O-DISC, INCORPORATED,  
US  
[22] 1999-04-07  
[43] 1999-11-12  
[30] US (09/076,852) 1998-05-12

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[21] **2,268,350**  
[13] A1  
[51] **Int.Cl. 6A23G 9/22**  
[25] EN  
[54] **PROCESS AND DEVICE FOR  
MOULDING FROZEN  
CONFECTIONERY ARTICLES**  
[54] **METHODE ET DISPOSITIF POUR  
LE MOULAGE DE PRODUITS DE  
CONFISERIE CONGELES**  
[72] CATHENAUT, Philip Igor, FR  
[72] DELANDE, Bruno, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A., CH  
[22] 1999-04-22  
[43] 1999-11-13  
[30] EP (98201562.0) 1998-05-13

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[21] **2,268,389**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/32**  
[25] FR  
[54] **PROCEDE D'AFFICHAGE DE  
SEQUENCES D'IMAGES PAR UN  
EQUIPEMENT MOBILE DE  
RADIOCOMMUNICATION  
COOPERANT AVEC UN MODULE  
D'IDENTIFICATION D'ABONNE**  
[54] **METHOD FOR DISPLAYING  
IMAGES BY A MOBILE  
RADIOCOMMUNICATION UNIT IN  
CONJUNCTION WITH A SUBSCRIBER  
IDENTITY MODULE**  
[72] HUBBE, Pascal, FR  
[72] LELONG-GILBERT, Anne-Gaëlle, FR  
[71] ALCATEL, FR  
[22] 1999-04-20  
[43] 1999-11-07  
[30] FR (98 05 835) 1998-05-07

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[21] **2,268,499**  
[13] A1  
[51] **Int.Cl. 6A23G 9/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
THE MOULDING OF ICED  
CONFECTIONERY ARTICLES**  
[54] **METHODE ET APPAREIL POUR  
LE MOULAGE DE PRODUITS DE  
CONFISERIE GLACES**  
[72] DELANDE, Bruno, FR  
[72] MARJANOVIC, Nicolas, FR  
[72] CATHENAUT, Philip Igor, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ  
S.A., CH  
[22] 1999-04-22  
[43] 1999-11-13  
[30] EP (98201563.8) 1998-05-13

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[21] **2,268,540**  
[13] A1  
[51] **Int.Cl. 6E02F 3/36**  
[25] EN  
[54] **TOOTH ASSEMBLY AND LOCK  
SYSTEM**  
[54] **ASSEMBLAGE DE DENT ET  
SYSTEME DE VERROUILLAGE**  
[72] IANELLO, Garrick J., US  
[72] MOEHNKE, Michael D., US  
[71] COLUMBIA STEEL CASTING CO.,  
INC., US  
[22] 1999-04-12  
[43] 1999-11-07  
[30] US (09/074,631) 1998-05-07

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[21] **2,268,699**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30 6G06F 12/00**  
[25] EN  
[54] **METHOD FOR THE  
ORGANIZATIONAL INDEXING,  
STORAGE, AND RETRIEVAL OF DATA  
ACCORDING TO DATA PATTERN  
SIGNATURES**  
[54] **METHODE D'INDEXATION, DE  
STOCKAGE ET D'EXTRACTION  
ORGANISATIONNELS DE DONNEES  
EN FONCTION DE SIGNATURES A  
MOTIF DE DONNEES**  
[72] DOUTHAT, Dean Z., US  
[72] SAMPSON, Wesley C., US  
[71] SAMPSON, Wesley C., US  
[22] 1999-04-08  
[43] 1999-11-12  
[30] US (08/076,349) 1998-05-12

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[21] **2,269,112**  
[13] A1  
[51] **Int.Cl. 6H02K 26/00 6H02P 7/00**  
[25] EN  
[54] **TORQUE MOTOR AND DRIVE  
CIRCUIT**  
[54] **MOTEUR COUPLE ET CIRCUIT  
D'ENTRAINEMENT**  
[72] TURNER, David, US  
[71] EATON CORPORATION, US  
[22] 1999-04-28  
[43] 1999-11-12  
[30] US (09/076,775) 1998-05-12

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[21] **2,269,148**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6C12P 21/02 6C07K 14/78**  
[25] EN  
[54] **NOVEL METHODS FOR THE PRODUCTION OF GELATIN AND FULL-LENGTH TRIPLE HELICAL COLLAGEN RECOMBINANT CELLS**  
[54] **NOUVELLES METHODES DE FABRICATION DE CELLULES DE GELATINE ET DE CELLULES DE COLLAGENE RECOMBINANTES PLEINE LONGUEUR ET A TROIS HELICES**  
[72] OLSEN, David R., US  
[72] CHISHOLM, George E., IV, US  
[72] HITZEMAN, Ronald A., US  
[71] COHESION TECHNOLOGIES, INC., US  
[22] 1999-04-23  
[43] 1999-11-08  
[30] US (60/084,828) 1998-05-08  
[30] US (09/289,578) 1999-04-09

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[21] **2,269,153**  
[13] A1

[51] **Int.Cl. 6H04L 12/66**  
[25] EN  
[54] **USING A SYSTEMS NETWORK ARCHITECTURE LOGICAL UNIT ACTIVATION REQUEST UNIT AS A DYNAMIC CONFIGURATION DEFINITION IN A GATEWAY**  
[54] **UTILISATION D'UNE RU D'ACTIVATION D'UNITE LOGIQUE POUR ARCHITECTURE SNA EN TANT QUE DEFINITION DE CONFIGURATION DYNAMIQUE DANS UNE PASSERELLE**  
[72] PETERSON, Mitchell Owen, US  
[72] SILVERMAN, Brian Dudley, US  
[71] ATTACHMATE CORPORATION, US  
[22] 1999-04-16  
[43] 1999-11-08  
[30] US (09/075,458) 1998-05-08

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[21] **2,269,270**  
[13] A1

[51] **Int.Cl. 6H04Q 3/545 6H04L 29/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A REMOTE SIGNALING AND CALL PROCESSING IN A TELECOMMUNICATIONS NETWORK**  
[54] **METHODE ET APPAREIL DE TELESIGNALISATION ET DE TRAITEMENT D'APPELS A DISTANCE DANS UN RESEAU DE TELECOMMUNICATION**  
[72] DECALUWE, Craig L., US  
[72] ESLAMBOLCHI, Hossein, US  
[72] GALLAGHER, James J., US  
[72] MARTYN, Gary A., US  
[72] KLINK, Patricia, US  
[72] GREENDYK, Paul, US  
[72] DE TRANA, Nicholas D., US  
[72] LOCKHART, Clayton M., US  
[72] BRUNO, Richard J., US  
[71] AT&T CORP., US  
[22] 1999-04-19  
[43] 1999-11-11  
[30] US (09/075,546) 1998-05-11

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[21] **2,269,317**  
[13] A1

[51] **Int.Cl. 6B29C 44/34**  
[25] EN  
[54] **METHOD OF FILLING ELONGATED CHANNELS WITH POLYMERIC FOAM**  
[54] **METHODE POUR REMPLIR UNE CAVITE ALLONGEE DE MOUSSE POLYMERIQUE**  
[72] COLE, Russell L., US  
[72] ADAMIC, Daniel A., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-04-16  
[43] 1999-11-13  
[30] US (09/078,527) 1998-05-13

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[21] **2,269,341**  
[13] A1

[51] **Int.Cl. 6F23Q 3/00**  
[25] EN  
[54] **GAS APPLIANCE IGNITION APPARATUS**  
[54] **DISPOSITIF D'ALLUMAGE POUR APPAREIL A GAZ**  
[72] BOISVERT, Joseph Allan Dale, CA  
[71] BOISVERT, Joseph Allan Dale, CA  
[22] 1999-04-15  
[43] 1999-11-07

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[21] **2,269,383**  
[13] A1

[51] **Int.Cl. 6H04L 1/20 6H04L 27/01**  
[25] EN  
[54] **DEVICE AND METHOD FOR REMOVING COCHANNEL INTERFERENCE SIGNAL IN MODULATION/DEMODULATION RECEIVER HAVING REFERENCE SIGNAL**  
[54] **DISPOSITIF ET METHODE SERVANT A SUPPRIMER LE SIGNAL D'INTERFERENCE ENTRE VOIES D'UN RECEPTEUR A MODULATION ET DEMODULATION A SIGNAL DE REFERENCE**  
[72] LEE, Myeong-Hwan, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-04-19  
[43] 1999-11-07  
[30] KR (16268/1998) 1998-05-07

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[21] **2,269,512**  
[13] A1

[51] **Int.Cl. 6C08F 220/44**  
[25] EN  
[54] **CONTINUOUS PROCESS FOR PRODUCING RUBBERY POLYMER**  
[54] **PROCESSUS CONTINU POUR LA PRODUCTION DE POLYMERES CAOUTCHOUTEUX**  
[72] NGOC, Hung Dang, FR  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-04-22  
[43] 1999-11-12  
[30] US (09/076,289) 1998-05-12

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[21] **2,269,514**  
[13] A1

[51] **Int.Cl. 6B23B 19/00 6B27C 7/00**  
[25] EN  
[54] **COLLAPSIBLE AND RELATIVELY ROTATABLE DRIVE SHAFT**  
[54] **ARBRES D'ENTRAINEMENT TELESCOPIQUES ROTATIFS**  
[72] GRUBISH, David John, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1999-04-22  
[43] 1999-11-07  
[30] US (09/074,212) 1998-05-07

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**November 7, 1999 - November 13, 1999**

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[21] **2,269,651**  
[13] A1

[51] **Int.Cl. 6H04L 9/32 6H04N 1/387**  
[25] EN  
[54] **TRANSFORM DOMAIN IMAGE WATERMARKING METHOD AND SYSTEM**  
[54] **SYSTEME ET METHODE DE TRANSFORMATION D'IMAGES DE DOMAINE PAR FACONNAGE NUMERIQUE EN FILIGRANE**  
[72] RICHARDSON, Thomas J., US  
[72] BRUCKSTEIN, Alfred M., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-04-22  
[43] 1999-11-12  
[30] US (09/076,284) 1998-05-12

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[21] **2,269,694**  
[13] A1

[51] **Int.Cl. 6B60R 21/02 6B62D 25/00 6F16F 7/12**  
[25] EN  
[54] **IMPACT ENERGY ABSORBING STRUCTURE IN UPPER VEHICLE BODY PORTION AND IMPACT ENERGY ABSORBING MEMBER**  
[54] **STRUCTURE AMORTISSEUSE SE TROUVANT DANS LA PARTIE SUPERIEURE DE LA CARROSSERIE D'UN VEHICULE ET PIECE AMORTISSEUSE**  
[72] TAKAHARA, Isamu, JP  
[72] KATO, Katsumi, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1999-04-22  
[43] 1999-11-08  
[30] JP (HEI 10-126501) 1998-05-08  
[30] JP (HEI 10-150063) 1998-05-29  
[30] JP (HEI 10-247170) 1998-09-01

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[21] **2,269,905**  
[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04L 12/12 6H04N 7/16**  
[25] EN  
[54] **TWO-WAY/BROADCAST MOBILE AND PORTABLE SATELLITE COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE RADIODIFFUSION PAR SATELLITE MOBILE PORTABLE A DEUX VOIES**  
[72] WIEDEMAN, Robert A., US  
[71] LORAL SPACECOM CORP., US  
[22] 1999-04-26  
[43] 1999-11-07  
[30] US (09/074,061) 1998-05-07

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[21] **2,269,922**  
[13] A1

[51] **Int.Cl. 6H04L 12/28**  
[25] EN  
[54] **METHOD OF ESTABLISHING A REDUNDANT MESH NETWORK USING A MINIMUM NUMBER OF LINKS**  
[54] **METHODE D'ETABLISSEMENT D'UN RESEAU MAILLE REDONDANT AYANT UN NOMBRE MINIMAL DE MAILLES**  
[72] SIKORA, John Joseph, US  
[72] KUJOORY, Ali Mohammad, US  
[71] AT&T CORP., US  
[22] 1999-04-26  
[43] 1999-11-12  
[30] US (09/076,444) 1998-05-12

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[21] **2,269,969**  
[13] A1

[51] **Int.Cl. 6B65D 1/02 6B65D 1/42**  
[25] EN  
[54] **HOT-FILL BOTTLE WITH REINFORCED HOOPS**  
[54] **BOUTEILLE DE REMPLISSAGE A CHAUD A BANDES RENFORCEES**  
[72] AHERN, Martin E., CA  
[72] SCHEFFER, Steven M., CA  
[72] CHIU, Boris W. K., CA  
[71] TWINPAK INC., CA  
[22] 1999-04-26  
[43] 1999-11-07  
[30] US (09/092,406) 1998-05-07

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[21] **2,270,011**  
[13] A1

[51] **Int.Cl. 6F21S 1/02**  
[25] EN  
[54] **ARRANGEMENT FOR AND METHOD OF CONCEALINGLY MOUNTING FLANGED DEVICES, ESPECIALLY CEILING LIGHT FIXTURES**  
[54] **DISPOSITION ET METHODE DE MONTAGE CACHE D'UN DISPOSITIF A COLLERETTE, NOTAMMENT UN PLAFONNIER**  
[72] NASSIM, Eli, US  
[71] NASSIM, Eli, US  
[22] 1999-04-22  
[43] 1999-11-13  
[30] US (09/078,215) 1998-05-13  
[30] US (09/287,868) 1999-04-07

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[21] **2,270,256**  
[13] A1

[51] **Int.Cl. 6B29C 47/88 6B29C 47/02**  
[25] EN  
[54] **EXTRUSION WITH VARIABLE NEUTRAL AXIS WIRE CORE**  
[54] **EXTRUSION AVEC NOYAU DE FIL CONDUCTEUR A AXE NEUTRE VARIABLE**  
[72] KEYS, James Frederick, GB  
[71] THE STANDARD PRODUCTS COMPANY, US  
[22] 1999-04-27  
[43] 1999-11-07  
[30] US (074,296) 1998-05-07

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[21] **2,270,262**  
[13] A1

[51] **Int.Cl. 6F04C 18/02 6F04C 2/02**  
[25] EN  
[54] **SCROLL-TYPE COMPRESSOR**  
[54] **COMPRESSEUR MONTE SUR ROULEAU**  
[72] KAWADA, Minoru, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-04-27  
[43] 1999-11-11  
[30] JP (10-127920) 1998-05-11

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[21] **2,270,269**  
[13] A1

[51] **Int.Cl. 6H04N 1/19 6G01N 23/04**  
[25] EN  
[54] **PHOTOCONDUCTOR-PHOTOCATHODE IMAGER**  
[54] **IMAGEUR PHOTOCONDUCTEUR A CATHODE PHOTOSENSIBLE**  
[72] VOGELSONG, Thomas Lee, US  
[72] IODICE, Robert M., US  
[71] INFIMED, INC., US  
[22] 1999-04-27  
[43] 1999-11-07  
[30] US (09/074,103) 1998-05-07

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[21] **2,270,326**  
[13] A1

[51] **Int.Cl. 6G10L 5/00**  
[25] EN  
[54] **A METHOD OF AND A DEVICE FOR SPEECH RECOGNITION EMPLOYING NEURAL NETWORK AND MARKOV MODEL RECOGNITION TECHNIQUES**  
[54] **METHODE ET DISPOSITIF DE RECONNAISSANCE DE LA PAROLE SE SERVANT D'UN RESEAU NEURONAL ET DES TECHNIQUES DE RECONNAISSANCE DU MODELE DE MARKOV**  
[72] FISSORE, Luciano, IT  
[72] RAVERA, Franco, IT  
[72] GEMELLO, Roberto, IT  
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
[22] 1999-04-28  
[43] 1999-11-07  
[30] IT (TO 98 A 000 383) 1998-05-07

[21] **2,270,405**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07H 21/04 6C12Q 1/68**  
[25] EN  
[54] **POLYMORPHISMS ASSOCIATED WITH HYPERTENSION**  
[54] **POLYMORPHISMES ASSOCIES A L'HYPERTENSION**  
[72] CHAKRAVARTI, Aravinda, US  
[72] FAN, Jian Bing, US  
[72] HALUSHKA, Marc Kenneth, US  
[71] UNIVERSITY TECHNOLOGY CORPORATION, INC., US  
[71] AFFYMETRIX, INC., US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (60/084,641) 1998-05-07  
[30] US (09/304,232) 1999-05-03

[21] **2,270,425**  
[13] A1

[51] **Int.Cl. 6C12N 15/55 6C08B 37/06 6A23L 1/06 6A23C 3/08 6C12S 3/12 6A23L 3/3562 6A23L 2/44**  
[25] EN  
[54] **AMINO ACID SEQUENCE**  
[54] **SEQUENCE D'ACIDES AMINES**  
[72] BRUNSTEDT, Janne, DK  
[72] CHRISTENSEN, Tove Martel Ida Else, DK  
[71] DANISCO A/S, DK  
[22] 1999-05-11  
[43] 1999-11-12  
[30] GB (9810159.5) 1998-05-12

[21] **2,270,459**  
[13] A1

[51] **Int.Cl. 6H02K 29/00**  
[25] EN  
[54] **ELECTRONIC SWITCHING ELECTRIC MOTOR**  
[54] **MOTEUR ELECTRIQUE A COMMUTATION ELECTRONIQUE**  
[72] ARPINO, Fabio, IT  
[71] BITRON S.P.A., IT  
[22] 1999-04-30  
[43] 1999-11-07  
[30] IT (TO98U000089) 1998-05-07

[21] **2,270,494**  
[13] A1

[51] **Int.Cl. 6B64F 5/00 6B64C 1/26**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ASSEMBLING AN AIRCRAFT**  
[54] **SYSTEME ET METHODE D'ASSEMBLAGE D'UN AERONEF**  
[72] CUNNINGHAM, Clifton D., US  
[72] HOWARD, James J., US  
[72] SCHRECK, Alan D., US  
[72] MOORE, Eric D., US  
[72] LEENHOUTS, Michael A., US  
[72] MANN, Thomas H., II, US  
[72] KOESTERS, James P., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[22] 1999-04-29  
[43] 1999-11-11  
[30] US (09/081,720) 1998-05-11

[21] **2,270,506**  
[13] A1

[51] **Int.Cl. 6E01C 19/22 6E01C 19/00**  
[25] EN  
[54] **PAVER**  
[54] **PAVEUR**  
[72] HEIMS, Dirk, DE  
[71] ABG ALLGEMEINE BAUMASCHINEN-GESELLSCHAFT MBH, DE  
[22] 1999-04-30  
[43] 1999-11-12  
[30] DE (198 21 091.4) 1998-05-12

[21] **2,270,508**  
[13] A1

[51] **Int.Cl. 6E01C 19/00**  
[25] EN  
[54] **PAVER AND LOADER FOR SAME**  
[54] **PAVEUR ET CHARGEUSE CONNEXE**  
[72] HEIMS, Dirk, DE  
[71] ABG ALLGEMEINE BAUMASCHINEN-GESELLSCHAFT MBH, DE  
[22] 1999-04-30  
[43] 1999-11-12  
[30] DE (198 21 090.6) 1998-05-12

[21] **2,270,572**  
[13] A1

[51] **Int.Cl. 6B65D 65/40 6B65D 30/02 6B32B 7/14 6B65D 33/18 6B65D 65/22**  
[25] EN  
[54] **PACKAGING FOIL WITH INTEGRAL OPENING AND RE-CLOSING SYSTEM**  
[54] **EMBALLAGE EN ALUMINIUM AVEC UNE OUVERTURE INTEGRALE ET UN SYSTEME DE REFERMETURE**  
[72] BEVILACQUA, Markus D., CH  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 1999-04-30  
[43] 1999-11-13  
[30] EP (98810434.5) 1998-05-13

[21] **2,270,607**  
[13] A1

[51] **Int.Cl. 6H04B 7/216 6H04Q 7/34**  
[25] EN  
[54] **A TECHNIQUE FOR TIME ALIGNMENT OF UPLINK CDMA SIGNALS**  
[54] **TECHNIQUE POUR LA SYNCHRONISATION DE LA LIAISON DE SIGNAUX AMRC**  
[72] BAINES, Steven John, GB  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-05-03  
[43] 1999-11-13  
[30] US (09/078,010) 1998-05-13

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**November 7, 1999 - November 13, 1999**

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[21] **2,270,640**  
[13] A1

[51] **Int.Cl. 6B29D 23/20 6B65D 75/40 6B29C 65/78**  
[25] EN  
[54] **PROCESS FOR PRODUCING A MULTI-CHAMBER PACKAGING TUBE**  
[54] **PROCESSUS DE FABRICATION D'UN TUBE D'EMBALLAGE A PLUSIEURS CHAMBRES**  
[72] SCHEIFELE, Fredy, CH  
[71] KMK LIZENCE LTD., MU  
[22] 1999-05-03  
[43] 1999-11-07  
[30] CH (1998 1028/98) 1998-05-07

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[21] **2,270,662**  
[13] A1

[51] **Int.Cl. 6H01L 29/772**  
[25] EN  
[54] **FIELD EFFECT TRANSISTOR, CONTROL METHOD FOR CONTROLLING SUCH A FIELD EFFECT TRANSISTOR AND A FREQUENCY MIXER MEANS INCLUDING SUCH A FIELD EFFECT TRANSISTOR**  
[54] **TRANSISTOR A EFFET DE CHAMP, METHODE DE CONTROLE D'UN TEL TRANSISTOR ET MELANGEUR DE FREQUENCES COMPRENANT UN TEL TRANSISTOR**  
[72] SEVENHANS, Joannes Mathilda Josephus, BE  
[71] ALCATEL, FR  
[22] 1999-04-30  
[43] 1999-11-11  
[30] EP (98401126.2) 1998-05-11

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[21] **2,270,672**  
[13] A1

[51] **Int.Cl. 6F02C 7/22 6F23D 17/00 6F23K 5/18 6F23R 3/36 6F23D 11/38**  
[25] EN  
[54] **GAS TURBINE FUEL SYSTEM COMPRISING FUEL OIL DISTRIBUTION CONTROL SYSTEM, FUEL OIL PURGE SYSTEM, PURGING AIR SUPPLY SYSTEM, AND FUEL NOZZLE WASH SYSTEM**  
[54] **SYSTEME D'ALIMENTATION EN CARBURANT D'UNE TURBINE A GAZ COMPRENANT UN SYSTEME DE REGULATION DE LA DISTRIBUTION DU CARBURANT, UN SYSTEME DE VIDANGE AUTOMATIQUE DU CARBURANT, UN CIRCUIT DE GENERATION D'AIR DE PURGE ET UN SYSTEME DE LAVAGE DU GICLEUR DE CARBURANT**  
[72] NAKAMOTO, Yukimasa, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-05-04  
[43] 1999-11-08  
[30] JP (10-126039) 1998-05-08  
[30] JP (10-126040) 1998-05-08  
[30] JP (10-127347) 1998-05-11  
[30] JP (10-128938) 1998-05-12

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[21] **2,270,674**  
[13] A1

[51] **Int.Cl. 6B29C 47/12**  
[25] EN  
[54] **EXTRUSION DIE SYSTEM WITH REMOVABLE INSERT**  
[54] **EXTRUDEUSE AVEC PLAQUETTE AMOVIBLE**  
[72] COOK, Michael Charles, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-05-04  
[43] 1999-11-08  
[30] US (09/075,510) 1998-05-08

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[21] **2,270,680**  
[13] A1

[51] **Int.Cl. 6A01N 43/56 6A01N 47/18**  
[25] EN  
[54] **PESTICIDAL METHOD AND COMPOSITION**  
[54] **METHODE ET COMPOSITION RELATIVES AUX PESTICIDES**  
[72] LANKFORD, William Timothy, GB  
[72] PARSONS, Richard Gordon, GB  
[71] RHONE-POULENC AGRO, FR  
[22] 1999-05-04  
[43] 1999-11-07  
[30] EP (98 3035627) 1998-05-07  
[30] EP (98 3052374) 1998-07-01

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[21] **2,270,736**  
[13] A1

[51] **Int.Cl. 6B65D 33/24 6A24F 23/02 6B65D 33/18**  
[25] EN  
[54] **WRAP-AROUND RECLOSABLE POUCH**  
[54] **POCHETTE REFERMABLE ENVELOPPANTE**  
[72] GREGORY, Joseph Lee III, US  
[72] KINIGAKIS, Panagiotis, US  
[71] KRAFT FOODS, INC., US  
[22] 1999-04-29  
[43] 1999-11-07  
[30] US (073,977) 1998-05-07

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[21] **2,270,737**  
[13] A1

[51] **Int.Cl. 6B64F 5/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ALIGNING AIRCRAFT COORDINATE SYSTEMS**  
[54] **SYSTEME ET METHODE D'ALIGNEMENT DES SYSTEMES DE COORDONNEES D'UN AERONEF**  
[72] CUNNINGHAM, Clifton D., US  
[72] MOORE, Eric D., US  
[72] LEENHOUTS, Michael A., US  
[72] KOESTERS, James P., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[22] 1999-04-29  
[43] 1999-11-11  
[30] US (09/081,721) 1998-05-11

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,270,738**  
[13] A1

[51] **Int.Cl. 6H04B 10/08**  
[25] EN  
[54] **CIRCUIT FOR MONITORING OPTICAL SIGNALS**  
[54] **CIRCUIT POUR SURVEILLER LES SIGNAUX OPTIQUES**  
[72] COLBOURNE, Paul, CA  
[72] OBHI, Jasvinder, CA  
[71] JDS FITEL INC., CA  
[22] 1999-04-29  
[43] 1999-11-13  
[30] US (09/078,033) 1998-05-13

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[21] **2,270,740**  
[13] A1

[51] **Int.Cl. 6A63B 69/36**  
[25] EN  
[54] **GOLF SWING TRAINING DEVICE**  
[54] **DISPOSITIF D'INSTRUCTION SUR L'ELAN A UTILISER POUR FRAPPER UNE BALLE DE GOLF**  
[72] TORRIANO, Simon, CA  
[71] TORRIANO, Simon, CA  
[22] 1999-04-29  
[43] 1999-11-11  
[30] US (09/075,403) 1998-05-11

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[21] **2,270,759**  
[13] A1

[51] **Int.Cl. 6E21B 33/129**  
[25] EN  
[54] **REMOVABLE BRIDGE PLUG OR PACKER**  
[54] **BOUCHON PROVISoire OU PACKER AMOVIBLE**  
[72] KROLL, Dennis E., US  
[72] McMAHAN, Michael E., US  
[72] YUAN, Yusheng, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1999-05-04  
[43] 1999-11-08  
[30] US (09/075,036) 1998-05-08

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[21] **2,270,774**  
[13] A1

[51] **Int.Cl. 6H04L 5/00 6H04L 27/00**  
[25] EN  
[54] **SYSTEM, APPARATUS AND METHOD FOR MULTI-CARRIER TRANSMISSION**  
[54] **SYSTEME, APPAREIL ET METHODE DE TRANSMISSION A ONDES PORTEUSES MULTIPLES**  
[72] OKAMURA, Yusaku, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-04  
[43] 1999-11-08  
[30] JP (10-126522) 1998-05-08  
[30] JP (11-072768) 1999-03-17

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[21] **2,270,792**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] MISHIMA, Yoshitaka, JP  
[72] SHIMOE, Nariaki, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-05-05  
[43] 1999-11-08  
[30] JP (10-126396) 1998-05-08

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[21] **2,270,794**  
[13] A1

[51] **Int.Cl. 6C07C 31/26 6A23G 3/00 6C07H 3/02 6C07H 3/04 6C07H 15/04 6C07C 29/94**  
[25] FR  
[54] **COMPOSITION EDULCORANTE ET SES UTILISATIONS**  
[54] **SWEETENING COMPOSITION AND USES OF SAME**  
[72] DUFLOT, Pierrick, FR  
[72] FOUACHE, Catherine, FR  
[72] RIBADEAU-DUMAS, Guillaume, FR  
[71] ROQUETTE FRERES, FR  
[22] 1999-05-05  
[43] 1999-11-07  
[30] FR (98 05806) 1998-05-07

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[21] **2,270,796**  
[13] A1

[51] **Int.Cl. 6G01N 29/04**  
[25] FR  
[54] **PROCEDE DE CONTROLE ULTRASONORE EN IMMERSION DE PIECES A GEOMETRIE CYLINDRIQUE**  
[54] **PROCEDURE FOR ULTRASONIC READING OF CYLINDRICAL OBJECTS IN IMMERSION**  
[72] MANGENET, Gérard Yves, FR  
[72] FINK, Alexandre Mathias, FR  
[72] MIETTE, Véronique, FR  
[72] WU, François Jean, FR  
[72] BEFFY, Lionel, FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "Snec, FR  
[22] 1999-05-05  
[43] 1999-11-07  
[30] FR (98.05776) 1998-05-07

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[21] **2,270,798**  
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/32**  
[25] EN  
[54] **BASE STATION APPARATUS AND TRANSMISSION POWER CONTROL METHOD**  
[54] **APPAREIL DE STATION DE BASE ET METHODE POUR REGLER LA PUISSANCE D'EMISSION**  
[72] MIYA, Kazuyuki, JP  
[72] KITADE, Takashi, JP  
[72] HAYASHI, Masaki, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-05-04  
[43] 1999-11-08  
[30] JP (10-126225) 1998-05-08

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**November 7, 1999 - November 13, 1999**

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[21] **2,270,840**  
[13] A1

[51] **Int.Cl. 6C10M 173/02 6C10M 137/10**  
[25] EN  
[54] **AQUEOUS COMPOSITIONS CONTAINING THIOPHOSPHORUS ESTERS OR THEIR SALTS WITH A OXYALKYLENE GROUP AND METHODS OF USING THE SAME**  
[54] **COMPOSITIONS AQUEUSES CONTENANT DES ESTERS DE THIOPHOSPHORE OU DES SELS CONNEXES COMPRENANT UN GROUPE D'OXYALKYLENE, ET METHODES D'UTILISATION DE CELLES-CI**  
[72] MATHUR, Naresh, US  
[72] KONZMAN, Edward J., US  
[71] THE LUBRIZOL CORPORATION, US  
[22] 1999-04-30  
[43] 1999-11-08  
[30] US (09/074,902) 1998-05-08

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[21] **2,270,852**  
[13] A1

[51] **Int.Cl. 6C09D 135/02 6C09D 5/44 6C09D 5/46**  
[25] EN  
[54] **POWDER COATING COMPOSITION COMPRISING UNSATURATED POLYESTERS AND USES THEREOF**  
[54] **COMPOSITION DE POUDRE DE REVETEMENT COMPRENANT DES POLYESTERS NON SATURES ET UTILISATIONS CONNEXES**  
[72] ORTIZ, Carlos E., US  
[72] SAHNI, Atam P., US  
[72] SCHEIBELHOFFER, Anthony S., US  
[72] DRABECK, Gerald W., US  
[72] BRAND, Douglas E., US  
[72] SOBEK, Susan M., US  
[71] FERRO CORPORATION, US  
[22] 1999-05-05  
[43] 1999-11-11  
[30] US (09/075,965) 1998-05-11

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[21] **2,270,860**  
[13] A1

[51] **Int.Cl. 6H01M 2/14**  
[25] EN  
[54] **SEPARATOR FOR FUEL CELL, FUEL CELL INCORPORATING THE SAME, AND METHOD OF PRODUCTION OF THE SAME**  
[54] **SEPARATEUR DE PILE A COMBUSTIBLE, PILE COMPRENANT CE SEPARATEUR ET METHODE DE PRODUCTION DE CELUI-CI**  
[72] YOSHIMURA, Joji, JP  
[72] NONOBE, Yasuhiro, JP  
[72] YAMANE, Keiji, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1999-05-04  
[43] 1999-11-07  
[30] JP (HEI 10-142189) 1998-05-07  
[30] JP (HEI 10-254625) 1998-08-24  
[30] JP (HEI 11-122495) 1999-04-28

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[21] **2,270,849**  
[13] A1

[51] **Int.Cl. 6B27D 1/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR JOINING VENEER PIECES WITH LAP JOINT HAVING SQUARE CUT EDGES AND REDUCED THICKNESS**  
[54] **METHODE ET APPAREIL POUR ASSEMBLER DES FEUILLES DE BOIS (DONT LA DIRECTION DE COUPE DES BORDS EST TRANSVERSALE) UTILISANT UN JOINT DE RECOUVREMENT AVEC EPAISSEUR REDUITE**  
[72] KNOKEY, Eugene R., US  
[71] THE COE MANUFACTURING COMPANY, US  
[22] 1999-05-05  
[43] 1999-11-08  
[30] US (09/075,020) 1998-05-08

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[21] **2,270,858**  
[13] A1

[51] **Int.Cl. 6F16L 55/38 6B08B 9/04**  
[25] EN  
[54] **PIPE CONDUIT VEHICLE**  
[54] **VEHICULE POUR CONDUIT**  
[72] BREMNER, George Franklyn, CA  
[72] GUNTER, Frank, DE  
[72] RICHTER, Thomas, DE  
[72] COMELLO, Corry, CA  
[71] PIPETRONIX GMBH, DE  
[22] 1999-05-05  
[43] 1999-11-07  
[30] DE (198 20 290.3) 1998-05-07

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[21] **2,271,065**  
[13] A1

[51] **Int.Cl. 6B60D 5/00**  
[25] EN  
[54] **BELLOWS OF A CONNECTING CORRIDOR BETWEEN TWO HINGE-LINKED VEHICLES OR VEHICLE PARTS**  
[54] **SOUFFLET D'UN CORRIDOR DE LIAISON ENTRE DEUX VEHICULES OU DEUX PARTIES DE VEHICULE RELIES AU MOYEN DE BIELLES D'ARTICULATION**  
[72] HUBNER, Reinhard, DE  
[71] HUBNER GUMMI- UND KUNSTSTOFF GMBH, DE  
[22] 1999-05-05  
[43] 1999-11-12  
[30] DE (198 21 083.3) 1998-05-12

**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,271,096**  
[13] A1

[51] **Int.Cl. 6C07D 251/24 6C07D 403/00 6C07D 405/00 6C07D 409/00 6C07F 7/10 6G03C 1/34 6C08K 5/3492 6C08K 5/378 6C08K 5/45 6C08K 5/529 6C08K 5/54 6C07F 9/6521**

[25] EN  
[54] **TRISRESORCINYLTRIAZINES**  
[54] **TRISRESORCINYLTRIAZINES**  
[72] BOLLE, Thomas, DE  
[72] HAYOZ, Pascal, CH  
[72] SCHÄFER, Thomas, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1999-05-05  
[43] 1999-11-07  
[30] CH (1036/98) 1998-05-07

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[21] **2,271,115**  
[13] A1

[51] **Int.Cl. 6B21D 53/28**

[25] EN  
[54] **FLOW FORMING METHOD AND DEVICE**  
[54] **DISPOSITIF ET METHODE DE FLUOTOURNAGE**  
[72] KOESTERMEIER, Karl-Heinz, DE  
[71] LEICO GMBH & CO. WERKZEUGMASCHINENBAU, DE  
[22] 1999-05-07  
[43] 1999-11-07  
[30] DE (198 20 470.1) 1998-05-07  
[30] DE (198 30 816.7) 1998-07-09

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[21] **2,271,171**  
[13] A1

[51] **Int.Cl. 6B23Q 3/06 6B25B 11/02**

[25] EN  
[54] **JIG FOR GRINDING SHARP-EDGED TOOLS**  
[54] **SUPPORT POUR AIGUISAGE D'OUTILS TRANCHANTS**  
[72] JANSSON, Torgny, SE  
[71] TORMEK AB, SE  
[22] 1999-05-06  
[43] 1999-11-13  
[30] SE (9801669-4) 1998-05-13

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[21] **2,271,172**  
[13] A1

[51] **Int.Cl. 6G01B 3/56**

[25] EN  
[54] **ANGLE GAUGE FOR GRINDING SHARP-EDGED TOOLS**  
[54] **CALIBRATEUR D'ANGLE POUR AIGUISER DES OUTILS TRANCHANTS**  
[72] JANSSON, Torgny, SE  
[71] TORMEK AB, SE  
[22] 1999-05-06  
[43] 1999-11-13  
[30] SE (9801670-2) 1998-05-13

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[21] **2,271,177**  
[13] A1

[51] **Int.Cl. 6C04B 35/83**

[25] EN  
[54] **A COMPOSITE MATERIAL OF THE CARBON/CARBON TYPE HAVING INCREASED RESISTANCE TO OXIDATION**  
[54] **MATERIAU COMPOSITE AU CARBONE ET DE TYPE CARBONE AYANT UNE RESISTANCE ACCRUE A L'OXYDATION**  
[72] PAILLER, René, FR  
[72] LABRUQUERE, Sandrine, FR  
[72] THEBAULT, Jacques, FR  
[72] GOUJARD, Stéphane, FR  
[71] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION - S.N, FR  
[22] 1999-05-05  
[43] 1999-11-07  
[30] FR (98 05792) 1998-05-07

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[21] **2,271,182**  
[13] A1

[51] **Int.Cl. 6G01M 3/40**

[25] EN  
[54] **METHOD OF NON-DESTRUCTIVE TESTING AN EVACUATED PACKAGE FOR A LEAK**  
[54] **METHODE NON DESTRUCTIVE DE RECHERCHER UNE FUITE DANS UN PAQUET SOUS VIDE**  
[72] RULE, Martin Christopher, GB  
[71] KRAFT FOODS, INC., US  
[22] 1999-05-06  
[43] 1999-11-08  
[30] EP (98303645.0) 1998-05-08

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[21] **2,271,184**  
[13] A1

[51] **Int.Cl. 6G01R 31/26 6H01L 21/66**

[25] EN  
[54] **INTEGRATED CIRCUIT DEVICE INCLUDING SCAN-PATH TESTING FUNCTION**  
[54] **DISPOSITIF DE CIRCUITS INTEGRES, Y COMPRIS UNE FONCTION D'ESSAI DU CHEMIN DE BALAYAGE**  
[72] MATSUZAWA, Hajime, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-06  
[43] 1999-11-08  
[30] JP (125986/1998) 1998-05-08

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[21] **2,271,186**  
[13] A1

[51] **Int.Cl. 6D21H 23/28**

[25] EN  
[54] **DEVICE AND PROCESS FOR APPLICATION OF A MEDIUM ONTO A MATERIAL WEB**  
[54] **DISPOSITIF ET PROCEDE D'APPLICATION D'UNE MATIERE SUR UNE BANDE DE TISSU**  
[72] EGELHOF, Dieter, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 1999-05-05  
[43] 1999-11-08  
[30] DE (198 20 585.6) 1998-05-08

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[21] **2,271,191**  
[13] A1

[51] **Int.Cl. 6H04M 19/00**

[25] EN  
[54] **POWER FEED CIRCUIT PROVIDING BOTH ON-HOOK AND OFF-HOOK POWER FOR TELEPHONE SUBSCRIBER LOOP**  
[54] **CIRCUIT D'ALIMENTATION EN ENERGIE FOURNISSANT DE L'ENERGIE TANT AUX APPAREILS TELEPHONIQUE ACCROCHES QU' AUX APPAREILS TELEPHONIQUE DECROCHES DES LIGNES D'ABONNES**  
[72] ORTEL, William C. G., US  
[71] BELL ATLANTIC CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-08  
[30] US (09/075,094) 1998-05-08

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**Canadian Laid-Open Applications**  
**November 7, 1999 - November 13, 1999**

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[21] **2,271,225**  
[13] A1

[51] **Int.Cl. 6B66B 9/04**  
[25] EN  
[54] **HYDRAULIC ELEVATOR**  
[54] **ASCENSEUR HYDRAULIQUE**  
[72] ROSSMAN, Eileen W., US  
[72] CONREY, Scott C., US  
[72] ORNDORFF, Karl B., US  
[71] INVENTIO AG, CH  
[22] 1999-05-07  
[43] 1999-11-08  
[30] EP (98108381.9) 1998-05-08

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[21] **2,271,231**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **ELECTRICAL SWITCHING**  
**APPARATUS WITH IMPROVED**  
**CONTACT ARM CARRIER**  
**ARRANGEMENT**  
[54] **APPAREIL DE COMMUTATION**  
**ELECTRIQUE AVEC DISPOSITION**  
**AMELIOREE DU BRAS DE CONTACT**  
[72] GIBSON, Perry Robert, US  
[72] RAKUS, Paul Richard, US  
[72] MAYHOOD, Keith Lynn, US  
[72] SISSON, Glen Charles, US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,075) 1998-05-07

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[21] **2,271,239**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **ELECTRICAL SWITCHING**  
**APPARATUS WITH CONTACT FINGER**  
**GUIDE**  
[54] **APPAREIL DE COMMUTATION**  
**ELECTRIQUE AVEC GUIDE DE LAME**  
**DE CONNECTEUR**  
[72] RAKUS, Paul Richard, US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,135) 1998-05-07

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[21] **2,271,240**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **ELECTRICAL SWITCHING**  
**APPARATUS WITH MODULAR**  
**OPERATING MECHANISM FOR**  
**MOUNTING AND CONTROLLING**  
**LARGE COMPRESSION CLOSE**  
**SPRING**  
[54] **APPAREIL DE COMMUTATION**  
**ELECTRIQUE AVEC MECANISME DE**  
**FONCTIONNEMENT MODULAIRE**  
**POUR FIXER ET CONTROLER UN**  
**LARGE RESSORT DE FERMETURE A**  
**COMPRESSION**  
[72] WELLNER, Edward Louis, US  
[72] DORAN, Raymond Clyde, US  
[72] WEHRLI, Hank Anthony III, US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,240) 1998-05-07

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[21] **2,271,245**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **MOVING POSITION DETECTOR**  
[54] **DETECTEUR DE POSITION EN**  
**MOUVEMENT**  
[72] TODA, Izumi, JP  
[71] MULTIDESIGN LIMITED, JP  
[71] ELECOM CO., LTD., JP  
[22] 1999-05-07  
[43] 1999-11-09  
[30] JP (10-164100) 1998-05-09  
[30] JP (11-105975) 1999-04-14

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[21] **2,271,246**  
[13] A1

[51] **Int.Cl. 6H01H 3/02 6H02H 3/02**  
[25] EN  
[54] **DISENGAGEABLE CHARGING**  
**MECHANISM FOR SPRING POWERED**  
**ELECTRICAL SWITCHING**  
**APPARATUS**  
[54] **MECANISME DE CHARGEMENT**  
**DEGAGEABLE POUR APPAREIL DE**  
**COMMUTATION ELECTRIQUE A**  
**RESSORT**  
[72] ULERICH, Philip Lloyd, US  
[72] BROCKLEBANK, William, US  
[72] WEHRLI, Hank Anthony III, US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,052) 1998-05-07

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[21] **2,271,247**  
[13] A1

[51] **Int.Cl. 6H01H 9/38**  
[25] EN  
[54] **ELECTRICAL SWITCHING**  
**APPARATUS HAVING ARC RUNNER**  
**INTEGRAL WITH STATIONARY**  
**ARCING CONTACT**  
[54] **APPAREIL DE COMMUTATION**  
**ELECTRIQUE AYANT UNE SPIRE**  
**CONDUCTRICE SOLIDAIRE D'UN**  
**CONTACT D'ARC FIXE**  
[72] JONES, William J., US  
[72] SISSON, Glen Charles, US  
[72] RAKUS, Paul Richard, US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,234) 1998-05-07

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[21] **2,271,250**  
[13] A1

[51] **Int.Cl. 6H01J 29/48**  
[25] EN  
[54] **ELECTRON GUN**  
**ARRANGEMENTS**  
[54] **SYSTEMES DE CANON**  
**ELECTRONIQUE**  
[72] THWAITES, Alfred Christopher, GB  
[72] CARR, David Ward, GB  
[72] COX, Peter Robert John, GB  
[72] BARDELL, Steven, GB  
[71] EEV LIMITED, GB  
[22] 1999-05-07  
[43] 1999-11-09  
[30] GB (9809821.3) 1998-05-09

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[21] **2,271,253**  
[13] A1

[51] **Int.Cl. 6H01J 29/48**  
[25] EN  
[54] **ELECTRON GUN ASSEMBLY**  
[54] **ASSEMBLAGE DE CANON**  
**ELECTRONIQUE**  
[72] THWAITES, Alfred Christopher, GB  
[72] BARDELL, Steven, GB  
[71] EEV LIMITED, GB  
[22] 1999-05-07  
[43] 1999-11-09  
[30] GB (9809819.7) 1998-05-09

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,271,257**  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6C03C 25/02**  
[25] EN  
[54] **METHOD FOR COATING AN OPTICAL FIBER**  
[54] **METHODE DE REVETEMENT D'UNE FIBRE OPTIQUE**  
[72] SHANKOFF, Theodore A., US  
[71] TYCO SUBMARINE SYSTEMS LTD., US  
[22] 1999-05-07  
[43] 1999-11-12  
[30] US (09/075,830) 1998-05-12

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[21] **2,271,263**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/40**  
[25] FR  
[54] **UTILISATION DE L'ACIDE CINNAMIQUE OU D'AU MOINS L'UN DE SES DERIVES DANS UNE COMPOSITION DESTINEE A FAVORISER LA DESQUAMATION DE LA PEAU, ET COMPOSITION LE COMPRENANT**  
[54] **USE OF CINNAMIC ACID OR AT LEAST ONE OF ITS DERIVATIVES IN A COMPOSITION FOR SKIN EXFOLIATION, AND SAID COMPOSITION**  
[72] LIVIERO, Christel, FR  
[72] BRETON, Lionel, FR  
[71] L'OREAL, FR  
[22] 1999-05-06  
[43] 1999-11-12  
[30] FR (98 05 967) 1998-05-12

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[21] **2,271,264**  
[13] A1

[51] **Int.Cl. 6A45C 3/00 6G09B 1/02 6A45C 11/34**  
[25] EN  
[54] **STUDY AID DEVICE**  
[54] **DISPOSITIF D'AIDE A L'ETUDE**  
[72] ZEGARRA, Diane, US  
[71] ZEGARRA, Diane, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (073,991) 1998-05-07

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[21] **2,271,265**  
[13] A1

[51] **Int.Cl. 6H01H 13/02 6H01H 13/04**  
[25] EN  
[54] **APPARATUS FOR RESTRICTING OPERATION OF PUSH BUTTONS ON ELECTRICAL SWITCHING APPARATUS**  
[54] **APPAREIL POUR RESTREINDRE L'UTILISATION DES BOUTONS POUSSOIRS SUR UN APPAREIL DE COMMUTATION ELECTRIQUE**  
[72] PHILLIPS, Norman Joseph, US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,232) 1998-05-07

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[21] **2,271,267**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61K 9/127 6A61K 31/505 6A61K 31/70**  
[25] EN  
[54] **OVEREXPRESSING HUMAN METHENYLTETRAHYDROFOLATE SYNTHETASE TO SENSITIZE CANCER CELLS TO 5-FLUOROURACIL CYTOTOXICITY**  
[54] **SYNTHETASE SUREXPRIMANT LA METHENYLTETRAHYDROFOLATE HUMAINE POUR SENSIBILISER LES CELLULES CANCEREUSES A LA CITOTOXICITE 5-FLUOROURACIL**  
[72] JOLIVET, Jacques, CA  
[71] JOLIVET, Jacques, CA  
[71] CHARRON, Guy, CA  
[22] 1999-05-13  
[43] 1999-11-13  
[30] CA (2,235,094) 1998-05-13

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[21] **2,271,270**  
[13] A1

[51] **Int.Cl. 6H01H 9/00 6H01H 9/26**  
[25] EN  
[54] **HIGH CURRENT ELECTRICAL SWITCHING APPARATUS WITH POLES INTERLEAVED AND MODULES JOINED BY INTERFERENCE FIT OF JOINING BLOCK IN UNDERCUT GROOVES IN MOLDED CASINGS**  
[54] **APPAREIL DE COMMUTATION ELECTRIQUE HAUTE TENSION DOTE DE POLES IMBRIQUES ET DE MODULES JOINTS PAR AJUSTEMENT AVEC SERRAGE DES BLOCS DE JOINTURES DANS LES RAINURES SOUS-JACENTES DES BOITIERS MOULES**  
[72] ROTH, Frank, US  
[72] PHILLIPS, Norman J., US  
[72] JONES, William J., US  
[72] ULERICH, Phillip L., US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,284) 1998-05-07

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[21] **2,271,277**  
[13] A1

[51] **Int.Cl. 6H04L 7/00 6H04L 12/20**  
[25] EN  
[54] **DESYNCHRONIZER FOR A SYNCHRONOUS DIGITAL COMMUNICATIONS SYSTEM**  
[54] **DESYNCHRONISATEUR POUR SYSTEME DE TRANSMISSION SYNCHONE NUMERIQUE**  
[72] WOLF, Michael, DE  
[71] ALCATEL, FR  
[22] 1999-05-06  
[43] 1999-11-08  
[30] DE (198 20 572.4) 1998-05-08

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[21] **2,271,280**  
[13] A1

[51] **Int.Cl. 6B60P 7/04 6B61D 39/00**  
[25] FR  
[54] **ARMATURE DE BACHE A ARCEAUX DE DEBACHAGE**  
[54] **TARPAULIN SUPPORT WITH UNDRRESSING BOW**  
[72] DETHARE, Jean-Jacques, FR  
[71] EDSCHA MAFCA COMPONENTS S.A.S., FR  
[22] 1999-05-06  
[43] 1999-11-07  
[30] FR (98 05801) 1998-05-07

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**Canadian Laid-Open Applications**  
**November 7, 1999 - November 13, 1999**

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[21] **2,271,286**  
[13] A1

[51] **Int.Cl. 6C09K 7/02**  
[25] EN  
[54] **INVERT EMULSION WELL DRILLING AND SERVICING FLUIDS**  
[54] **FORAGE DE PUITTS PAR EMULSION INVERSE ET LIQUIDES NECESSAIRES**  
[72] CASHION, James P., US  
[72] DOBSON, James W., Jr., US  
[72] DUNCAN, William Max, US  
[71] TEXAS UNITED CHEMICAL COMPANY, LLC., US  
[22] 1999-05-06  
[43] 1999-11-11  
[30] US (09/076,061) 1998-05-11

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[21] **2,271,287**  
[13] A1

[51] **Int.Cl. 6H01H 3/02 6H01H 9/16**  
[25] EN  
[54] **SNAP ACTING CHARGE/ DISCHARGE AND OPEN/CLOSED INDICATORS DISPLAYING STATES OF ELECTRICAL SWITCHING APPARATUS**  
[54] **INDICATEURS RAPIDES CHARGE/DECHARGE ET OUVERT/ FERME AFFICHANT LES ETATS DE L'APPAREIL DE COMMUTATION ELECTRIQUE**  
[72] WEHRLI, Hank Anthony III, US  
[72] DORAN, Raymond Clyde, US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,076) 1998-05-07

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[21] **2,271,293**  
[13] A1

[51] **Int.Cl. 6D21C 9/04**  
[25] EN  
[54] **PLATE DIFFUSER FOR TREATING COMMINUTED CELLULOSIC FIBROUS MATERIAL**  
[54] **DIFFUSEUR DE PLAQUE POUR TRAITER UNE MATIERE FIBREUSE CELLULOSIQUE BROYEE**  
[72] PROUGH, James R., US  
[71] AHLSTROM MACHINERY INC., US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (60/084,666) 1998-05-07

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[21] **2,271,296**  
[13] A1

[51] **Int.Cl. 6H01H 13/50 6H01H 13/68**  
[25] EN  
[54] **ELECTRICAL SWITCHING APPARATUS WITH PUSH BUTTONS FOR A MODULAR OPERATING MECHANISM ACCESSIBLE THROUGH A COVER PLATE**  
[54] **APPAREIL DE COMMUTATION ELECTRIQUE AVEC BOUTONS POUSSOIRS POUR UN MECANISME DE FONCTIONNEMENT MODULAIRE ACCESSIBLE A PARTIR D'UNE PLAQUE DE RECOUVREMENT**  
[72] ULERICH, Phillip Lloyd, US  
[72] PHILLIPS, Norman Joseph, US  
[72] STEWART, Suzanne Maric, US  
[72] RAKUS, Paul Richard, US  
[72] WEHRLI, Hank Anthony III, US  
[72] DORAN, Raymond Clyde, US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,233) 1998-05-07

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[21] **2,271,303**  
[13] A1

[51] **Int.Cl. 6B60Q 1/00 6B60R 16/02 6B60D 1/62**  
[25] EN  
[54] **TAIL LIGHT ADAPTER BETWEEN A TOWING VEHICLE AND TRAILER**  
[54] **ADAPTEUR DE FEU ARRIERE ENTRE UN VEHICULE REMORQUEUR ET UNE REMORQUE**  
[72] BRYANT, Richard C., US  
[72] JOHNSON, Richard, US  
[71] MASCOTECH, INC., US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (60/084,593) 1998-05-07

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[21] **2,271,314**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **INTERLOCK FOR ELECTRICAL SWITCHING APPARATUS WITH STORED ENERGY CLOSING**  
[54] **DISPOSITIF DE VERROUILLAGE POUR APPAREIL DE COMMUTATION ELECTRIQUE AVEC FERMETURE A ACCUMULATION D'ENERGIE**  
[72] ULERICH, Phillip Lloyd, US  
[72] DORAN, Raymond Clyde, US  
[72] WEHRLI, Hank Anthony III, US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,104) 1998-05-07

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[21] **2,271,319**  
[13] A1

[51] **Int.Cl. 6C07H 3/04**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE MALTULOSE MONOHYDRATE CRISTALLISE**  
[54] **PREPARATION PROCESS FOR CRYSTALLIZED MALTULOSE MONOHYDRATE**  
[72] FOUACHE, Catherine, FR  
[72] CHOQUE, Jean-Christophe, FR  
[71] ROQUETTE FRERES, FR  
[22] 1999-05-06  
[43] 1999-11-12  
[30] FR (FR 98/05951) 1998-05-12

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[21] **2,271,321**  
[13] A1

[51] **Int.Cl. 6A43B 5/16**  
[25] FR  
[54] **CHAUSSURE DE SPORT A OSSATURE INTERNE RIGIDE**  
[54] **SPORTS SHOE FEATURING RIGID INTERNAL STRUCTURE**  
[72] CABANIS, Louis, FR  
[72] DE MARCHI, Jean-Louis, FR  
[72] BONAVENTURE, Laurent, FR  
[71] SALOMON S.A., FR  
[22] 1999-05-07  
[43] 1999-11-12  
[30] FR (98.06136) 1998-05-12

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,271,326**  
[13] A1

[51] **Int.Cl. 6C07K 16/18 6A61K 48/00 6C12N 5/10 6C12N 15/12 6A61K 39/395 6G01N 33/566 6C12Q 1/68**  
[25] EN  
[54] **DTF-A GENE, DIAGNOSTIC AND THERAPEUTIC USES THEREOF**  
[54] **GENE DTF-A, METHODE DE DIAGNOSTIC ET UTILISATIONS THERAPEUTIQUES CONNEXES**  
[72] JOLICOEUR, Paul, CA  
[72] BALSALOBRE, Aurelio, FR  
[71] INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL, CA  
[22] 1999-05-10  
[43] 1999-11-11  
[30] US (09/075,215) 1998-05-11

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[21] **2,271,331**  
[13] A1

[51] **Int.Cl. 6B62D 1/16**  
[25] EN  
[54] **VEHICLE STEERING SHAFT WITH A LOCALIZED FORMED LOCK SLOT**  
[54] **COLONNE DE DIRECTION DE VEHICULE AVEC UN ENCASTREMENT VERROUILLE LOCALISE**  
[72] CALABRESE, Paul, US  
[72] HITCHCOCK, Arthur, US  
[71] THE TORRINGTON COMPANY, US  
[22] 1999-05-06  
[43] 1999-11-08  
[30] US (09/074,740) 1998-05-08

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[21] **2,271,336**  
[13] A1

[51] **Int.Cl. 6H01H 9/16**  
[25] EN  
[54] **ELECTRICAL SWITCHING APPARATUS WITH OPERATING CONDITION INDICATORS MOUNTED IN FACE PLATE**  
[54] **APPAREIL DE COMMUTATION ELECTRIQUE AVEC INDICATEURS D'ETAT DE FONCTIONNEMENT FIXES DANS LA PLAQUE FRONTALE**  
[72] IRELAND, Walter B., US  
[72] ULERICH, Phillip L., US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,046) 1998-05-07

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[21] **2,271,327**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **ACTUATOR ASSEMBLY WITH CALIBRATION MEANS AND ELECTRICAL POWER SWITCH APPARATUS INCORPORATING THE ACTUATOR ASSEMBLY WITH CALIBRATION MEANS**  
[54] **DISPOSITIF DE COMMANDE AVEC MECANISME D'ETALONNAGE ET COMMUTATEUR ELECTRIQUE COMPRENANT CE DISPOSITIF**  
[72] WAFER, John A., US  
[72] ULERICH, Phillip L., US  
[71] EATON CORPORATION, US  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (09/074,098) 1998-05-07

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[21] **2,271,333**  
[13] A1

[51] **Int.Cl. 6C07C 229/16 6A62D 1/00 6C08G 73/04 6C07C 237/12 6C07C 309/14 6C07F 9/38 6D21H 17/56**  
[25] EN  
[54] **POLY-PERFLUOROALKYL SUBSTITUTED POLYAMINES AS GREASE PROOFING AGENTS FOR PAPER AND FOAM STABILIZERS IN AQUEOUS FIRE-FIGHTING FOAMS**  
[54] **POLYAMINES DE POLY(PERFLUOALKYLE) SUBSTITUEES UTILISEES COMME AGENTS ANTIGRAISSES DE STABILISSEURS DE PAPIER ET DE MOUSSE DANS DES MOUSSES AQUEUSES EXTINGTRICES**  
[72] DEISENROTH, Ted, US  
[72] HANIFF, Marlon, US  
[72] JENNINGS, John, US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1999-05-06  
[43] 1999-11-08  
[30] US (60/084815) 1998-05-08

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[21] **2,271,338**  
[13] A1

[51] **Int.Cl. 6G06F 15/17 6G06F 11/30**  
[25] EN  
[54] **PROCESSOR SYSTEM, AND METHOD FOR TESTING A PROCESSOR SYSTEM**  
[54] **PROCESSEUR ET METHODE DE MISE A L'ESSAI DE CELUI-CI**  
[72] PFIRSCH, Thierry, FR  
[71] ALCATEL, FR  
[22] 1999-05-06  
[43] 1999-11-11  
[30] EP (98 440 092.9) 1998-05-11

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[21] **2,271,328**  
[13] A1

[51] **Int.Cl. 6B60K 15/035 6B60K 15/05 6B67D 5/60**  
[25] EN  
[54] **FUEL REFILLING ASSEMBLY**  
[54] **ENSEMBLE DE REMPLISSAGE EN COMBUSTIBLE**  
[72] GERICKE, Michael, CA  
[71] TESMA INTERNATIONAL INC., CA  
[22] 1999-05-07  
[43] 1999-11-07  
[30] US (60/0084,670) 1998-05-07

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[21] **2,271,335**  
[13] A1

[51] **Int.Cl. 6B66D 1/08**  
[25] EN  
[54] **WINCH DEVICE**  
[54] **TREUIL**  
[72] McVAUGH, Arthur K., US  
[71] McVAUGH, Arthur K., US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,642) 1998-05-07

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[21] **2,271,350**  
[13] A1

[51] **Int.Cl. 6B01J 8/06**  
[25] EN  
[54] **REACTOR TUBE LOADING DEVICE**  
[54] **DISPOSITIF DE CHARGEMENT D'UN TUBE DE REACTEUR**  
[72] THEW, Karl Barry, GB  
[72] HARPER, Jamie Stewart, GB  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 1999-05-10  
[43] 1999-11-12  
[30] EP (98303681.5) 1998-05-12

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November 7, 1999 - November 13, 1999**

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[21] **2,271,355**  
[13] A1

[51] **Int.Cl. 6A23L 1/39 6A21D 13/00**  
[25] EN  
[54] **HYDRATABLE GRANULAR FOOD PRODUCTS AND METHODS FOR THEIR PRODUCTION**  
[54] **PRODUITS ALIMENTAIRES GRANULAIRES HYDRATABLES ET METHODE DE FABRICATION DE CEUX-CI**  
[72] HEFNAWY, M. Magdy, US  
[71] BESTFOODS, US  
[22] 1999-05-07  
[43] 1999-11-08  
[30] US (09/074,714) 1998-05-08  
[30] US (09/200,274) 1998-11-24

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[21] **2,271,357**  
[13] A1

[51] **Int.Cl. 6B65G 57/02 6B65G 57/11 6B65H 31/18 6B65H 31/30 6B65G 47/57**  
[25] EN  
[54] **STACKER**  
[54] **EMPILEUSE**  
[72] BERNDL, Ernst H., DE  
[71] SKINETTA PAC-SYSTEME KIENER GMBH & CO., DE  
[22] 1999-05-07  
[43] 1999-11-09  
[30] DE (198 20 805.7) 1998-05-09

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[21] **2,271,359**  
[13] A1

[51] **Int.Cl. 6C10L 3/10**  
[25] EN  
[54] **ACID GAS FRACTIONATION**  
[54] **FRACTIONNEMENT DE GAZ ACIDE**  
[72] STERNER, Anthony J., CA  
[71] KVAERNER PROCESS SYSTEMS, INC., CA  
[22] 1999-05-07  
[43] 1999-11-08  
[30] US (09/075,488) 1998-05-08

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[21] **2,271,360**  
[13] A1

[51] **Int.Cl. 6A21D 13/00**  
[25] EN  
[54] **MICROWAVABLE PASTA IN A BOWL**  
[54] **PATES ALIMENTAIRES RECHAUFFABLE AU FOUR MICRO-ONDES**  
[72] MEINERS, Mary Deborah, US  
[72] TECEDOR, Silverio Luiz, US  
[72] RUBBRIGHT, Harry A., US  
[72] OH, Nam H., US  
[72] BEALL, Nelson J., US  
[72] GAETA, Stephen A., US  
[72] MEYERS, Edward J., US  
[72] HEFNAWY, M. Magdy, US  
[72] SCHRYER, Richard F., US  
[71] BESTFOODS, US  
[22] 1999-05-07  
[43] 1999-11-08  
[30] US (09/074,714) 1998-05-08  
[30] US (09/084,140) 1998-05-26  
[30] US (09/165,080) 1998-10-02  
[30] US (09/200,274) 1998-11-24  
[30] US (09/215,012) 1998-12-17

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[21] **2,271,362**  
[13] A1

[51] **Int.Cl. 6H04L 29/02 6H04N 7/173**  
[25] EN  
[54] **MULTIPLE-ACCESS COMMUNICATION SYSTEM CAPABLE OF MEASURING AND GUARANTEEING A SERVICE QUALITY SUPPLIED FOR EACH SERVICE PERMITTED TO SUBSCRIBER STATIONS**  
[54] **SYSTEME DE COMMUNICATION A ACCES MULTIPLE CONFIGURE DE FACON A POUVOIR MESURER ET GARANTIR UN SERVICE DE QUALITE POUR CHAQUE SERVICE QU'UNE STATION HORS-RESEAU PEUT OFFRIR**  
[72] MATSUNAGA, Yasuhiko, JP  
[72] MOMONA, Morihisa, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-07  
[43] 1999-11-08  
[30] JP (126159/1998) 1998-05-08

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[21] **2,271,366**  
[13] A1

[51] **Int.Cl. 6C07D 251/20**  
[25] EN  
[54] **METHOD FOR PRODUCING POTASSIUM OXONATE**  
[54] **METHODE DE FABRICATION D'OXONATE DE POTASSIUM**  
[72] IGI, Masami, JP  
[72] SUGI, Mitsuyo, JP  
[71] SUMIKA FINE CHEMICALS CO., LTD., JP  
[71] TAIHO PHARMACEUTICAL CO., LTD., JP  
[22] 1999-05-07  
[43] 1999-11-11  
[30] JP (10-127487) 1998-05-11

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[21] **2,271,372**  
[13] A1

[51] **Int.Cl. 6D21H 27/02 6D21H 17/07**  
[25] EN  
[54] **PRINTED, SOFT, BULKY SINGLE-PLY ABSORBENT PAPER HAVING A SERPENTINE CONFIGURATION AND LOW SIDEDNESS AND METHODS FOR ITS MANUFACTURE**  
[54] **PAPIER ABSORBANT MONOPLI, BOUFFANT, DOUX, IMPRIME ET PEU DEGROSSI AYANT UNE CONFIGURATION EN SERPENTIN, ET METHODES DE FABRICATION DE CELUI-CI**  
[72] HEATH, Michael S., US  
[72] DWIGGINS, John H., US  
[72] HARPER, Frank D., US  
[72] ORIARAN, T. Philips, US  
[72] SIEGEL, Mark S., US  
[71] FORT JAMES CORPORATION, US  
[22] 1999-05-10  
[43] 1999-11-11  
[30] US (09/075,689) 1998-05-11

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[21] **2,271,376**  
[13] A1

[51] **Int.Cl. 6B65H 75/40**  
[25] EN  
[54] **CONSTRUCTION LINE HOLDER**  
[54] **SUPPORT DE LIGNE DE CONSTRUCTION**  
[72] CAMPANA, Vincent, US  
[71] CAMPANA, Vincent, US  
[22] 1999-05-10  
[43] 1999-11-12  
[30] US (09/076,035) 1998-05-12

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**7 novembre 1999 - 13 novembre 1999**

[21] **2,271,392**  
[13] A1

[51] **Int.Cl. 6G06F 1/16 6G06F 3/023**  
[25] EN  
[54] **AN IMPROVED OPAQUE, ONE-SIZE-FITS-ALL COMPUTER KEYBOARD COVER WHICH COVERS ONLY THE THREE OR FOUR ALPHA-NUMERIC ROWS**  
[54] **HOUSSE OPAQUE AMELIOREE UNITAILLE POUR CLAVIER D'ORDINATEUR, QUI NE COUVRE QUE LES TROIS OU QUATRE RANGEES ALPHA-NUMERIQUES**  
[72] NICHOL, Claudia D., US  
[72] BRAZIER, Sandra B., US  
[71] NICHOL, Claudia D., US  
[71] BRAZIER, Sandra B., US  
[22] 1999-05-07  
[43] 1999-11-08  
[30] US (09/075,471) 1998-05-08

[21] **2,271,393**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **PROCESS, SOFTWARE MODULE, INTERFACE, TERMINAL DEVICE, AND SERVER FOR THE CONTROL OF THE FORWARDING OF PACKETS FROM COMPLETED PACKET SEQUENCES OF PACKET-TRANSMITTED NETWORKS**  
[54] **PROCEDE, MODULE LOGICIEL, INTERFACE, TERMINAL ET SERVEUR POUR CONTROLER L'ACHEMINEMENT DE SEQUENCES DE PAQUETS COMPLETEES PROVENANT DE RESEAU A COMMUTATION PAR PAQUETS**  
[72] SCHMITZ, Bernhard, DE  
[71] ALCATEL, FR  
[22] 1999-05-07  
[43] 1999-11-08  
[30] DE (198 20 525.2) 1998-05-08

[21] **2,271,396**  
[13] A1

[51] **Int.Cl. 6C07D 317/68 6C07F 5/02 6C07F 7/18 6C07C 67/297 6C07C 62/30 6C07C 303/30 6C07C 67/327 6C07C 51/377 6C07C 309/63 6C07C 69/757**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SHIKIMIC ACID AND ITS DERIVATIVES**  
[54] **PROCEDE POUR LA PREPARATION D'ACIDE SHIKIMIQUE ET DE SES DERIVES**  
[72] MAIR, Hans-Jürgen, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-05-07  
[43] 1999-11-13  
[30] EP (98108655.6) 1998-05-13

[21] **2,271,398**  
[13] A1

[51] **Int.Cl. 6C09D 135/02 6C09D 5/44 6C09D 5/46**  
[25] EN  
[54] **UNSATURATED POLYESTER POWDER COATINGS WITH IMPROVED SURFACE CURE**  
[54] **POUDRE DE REVETEMENT POLYESTER NON SATURE AVEC DURCISSEMENT AMELIORE DE LA SURFACE**  
[72] NICHOLL, Edward G., US  
[72] RADCLIFFE, Paul H., US  
[72] KOZLOWSKI, Joseph J., US  
[72] MUTHIAH, Jenö, US  
[72] SHAH, Navin B., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-05-07  
[43] 1999-11-11  
[30] US (09/075,978) 1998-05-11

[21] **2,271,405**  
[13] A1

[51] **Int.Cl. 6F16H 21/14 6F16H 21/34 6F16H 21/48 6F16H 21/50**  
[25] EN  
[54] **A MOTION TRANSFER MECHANISM**  
[54] **MECANISME DE TRANSFERT DE MOUVEMENT**  
[72] BAJIC, Milan, ZA  
[71] METAL BOX SOUTH AFRICA LIMITED, ZA  
[22] 1999-05-10  
[43] 1999-11-08  
[30] ZA (98/3914) 1998-05-08

[21] **2,271,406**  
[13] A1

[51] **Int.Cl. 6A61F 5/00**  
[25] EN  
[54] **ORTHESES**  
[54] **ORTHESE**  
[72] SETTNER, Meinald, DE  
[72] MUNCH, Thomas, DE  
[71] SETTNER, Meinald, DE  
[71] MUNCH, Thomas, DE  
[22] 1999-05-10  
[43] 1999-11-08  
[30] DE (298 08 341.8) 1998-05-08

[21] **2,271,408**  
[13] A1

[51] **Int.Cl. 6B41J 2/17 6B41J 2/175**  
[25] EN  
[54] **LIQUID CONTAINER, METHOD OF MANUFACTURING THE CONTAINER, PACKAGE OF THE CONTAINER, INK JET HEAD CARTRIDGE IN WHICH THE CONTAINER AND A RECORDING HEAD ARE MADE INTEGRAL WITH EACH OTHER, AND LIQUID DISCHARGE RECORDING APPARATUS**  
[54] **RECIPIENT, METHODE DE FABRICATION ET EMBALLAGE DUDIT RECIPIENT, CARTOUCHE A JET D'ENCRE DANS LAQUELLE LE RECIPIENT ET UNE TETE D'ENREGISTREMENT FONT PARTIE INTEGRANTE L'UNE DE L'AUTRE ET APPAREIL D'ENREGISTREMENT A DECHARGE LIQUIDE**  
[72] SHIMIZU, Eiichiro, JP  
[72] HATTORI, Shozo, JP  
[72] YAMAMOTO, Hajime, JP  
[72] HINAMI, Jun, JP  
[72] IWANAGA, Shuzo, JP  
[72] INOUE, Chiyoshi, JP  
[72] UDAGAWA, Kenta, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1999-05-10  
[43] 1999-11-11  
[30] JP (10-127376) 1998-05-11  
[30] JP (11-119634) 1999-04-27

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**November 7, 1999 - November 13, 1999**

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[21] **2,271,410**  
[13] A1

[51] **Int.Cl. 6G10L 9/08**  
[25] EN  
[54] **SPEECH CODING APPARATUS AND SPEECH DECODING APPARATUS**  
[54] **APPAREIL DE CODAGE DE LA PAROLE ET APPAREIL DE DECODAGE DE LA PAROLE**  
[72] OZAWA, Kazunori, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-10  
[43] 1999-11-11  
[30] JP (145087/1998) 1998-05-11

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[21] **2,271,417**  
[13] A1

[51] **Int.Cl. 6C09C 1/02 6C09D 11/02 6C01F 11/18 6D21H 19/38**  
[25] EN  
[54] **POROUS COATING PIGMENT AND A METHOD FOR ITS PRODUCTION**  
[54] **PIGMENT DE COUCHE POREUX ET METHODE DE FABRICATION DE CELUI-CI**  
[72] SILENIUS, Petri, FI  
[71] METSÄ-SERLA OYJ, FI  
[22] 1999-05-07  
[43] 1999-11-11  
[30] FI (981045) 1998-05-11

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[21] **2,271,422**  
[13] A1

[51] **Int.Cl. 6B26B 13/06**  
[25] EN  
[54] **TRIMMING DEVICE FOR BEARDS**  
[54] **DISPOSITIF POUR TAILLER LA BARBE**  
[72] HORVATH, Joseph Paul, US  
[71] HORVATH, Joseph Paul, US  
[22] 1999-05-07  
[43] 1999-11-11  
[30] US (09/075,996) 1998-05-11

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[21] **2,271,424**  
[13] A1

[51] **Int.Cl. 6F28C 1/00 6F28C 1/02**  
[25] EN  
[54] **IMPROVED COOLING TOWER CONSTRUCTION**  
[54] **TOUR DE REFROIDISSEMENT AMELIOREE**  
[72] DAVIS, John Albert, CA  
[71] DAVIS, John Albert, CA  
[22] 1999-05-07  
[43] 1999-11-11  
[30] US (60/084,978) 1998-05-11

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[21] **2,271,428**  
[13] A1

[51] **Int.Cl. 6B41M 5/26**  
[25] EN  
[54] **THERMO-TRANSFER RIBBON**  
[54] **RUBAN DE THERMO-IMPRESSION**  
[72] KRAUTER, Heinrich, GB  
[71] PELIKAN PRODUKTIONS AG, CH  
[22] 1999-05-07  
[43] 1999-11-08  
[30] DE (198 20 779.4) 1998-05-08

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[21] **2,271,430**  
[13] A1

[51] **Int.Cl. 6B41M 5/26**  
[25] EN  
[54] **THERMO-TRANSFER RIBBON**  
[54] **RUBAN DE THERMO-IMPRESSION**  
[72] KRAUTER, Heinrich, GB  
[71] PELIKAN PRODUKTIONS AG, CH  
[22] 1999-05-07  
[43] 1999-11-08  
[30] DE (198 20 769.7) 1998-05-08

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[21] **2,271,433**  
[13] A1

[51] **Int.Cl. 6G09F 7/18 6A47F 5/00**  
[25] EN  
[54] **LABEL HOLDER FOR ATTACHMENT TO DIFFERENT SHELF CHANNELS**  
[54] **PORTE-ETIQUETTE POUVANT TRE FIXE A DIFFERENTS MONTANTS DE CONSOLE**  
[72] BRINKMAN, Michael, US  
[72] BRANDON, Harvey, US  
[71] FEMC LTD., US  
[22] 1999-05-10  
[43] 1999-11-11  
[30] US (09/075,522) 1998-05-11

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[21] **2,271,434**  
[13] A1

[51] **Int.Cl. 6B41M 5/26**  
[25] EN  
[54] **THERMO-TRANSFER RIBBON**  
[54] **RUBAN DE THERMO-IMPRESSION**  
[72] KRAUTER, Heinrich, GB  
[71] PELIKAN PRODUKTIONS AG, CH  
[22] 1999-05-07  
[43] 1999-11-08  
[30] DE (198 20 778.6) 1998-05-08

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[21] **2,271,436**  
[13] A1

[51] **Int.Cl. 6B01D 53/56 6D21C 11/06**  
[25] EN  
[54] **METHOD OF RECOVERING NITROGEN OXIDES FROM RECOVERY BOILER FLUE GASES**  
[54] **METHODE DE RECUPERATION DES OXYDES D'AZOTE SE TROUVANT DANS LES GAZ DE COMBUSTION D'UNE CHAUDIERE DE RECUPERATION**  
[72] SAVIHARJU, Kari, FI  
[72] VAKKILAINEN, Esa, FI  
[72] KILPINEN, Pia, FI  
[72] KIISKILÄ, Erkki, FI  
[71] AHLSTROM MACHINERY OY, FI  
[22] 1999-05-10  
[43] 1999-11-11  
[30] FI (981046) 1998-05-11

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[21] **2,271,441**  
[13] A1

[51] **Int.Cl. 6H02H 3/06**  
[25] EN  
[54] **ELECTRICAL SWITCHING APPARATUS EMPLOYING A CIRCUIT FOR SELECTIVELY ENABLING AND DISABLING A CLOSE ACTUATOR MECHANISM**  
[54] **APPAREIL DE COMMUTATION ELECTRIQUE SE SERVANT D'UN CIRCUIT POUR ACTIVER ET DESACTIVER UN MECANISME D'ACTIONNEMENT DE BLOCAGE**  
[72] MATSKO, Joseph J., US  
[72] YANNIELLO, Robert, US  
[71] EATON CORPORATION, US  
[22] 1999-05-10  
[43] 1999-11-11  
[30] US (09/075,961) 1998-05-11

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

[21] **2,271,443**  
[13] A1

[51] **Int.Cl. 6H02H 3/02**  
[25] EN  
[54] **ELECTRICAL SWITCHING DEVICE OR TRIP UNIT ACQUIRING PREDETERMINED SETTINGS FROM ANOTHER ELECTRICAL SWITCHING DEVICE OR TRIP UNIT**  
[54] **APPAREIL DE COMMUTATION ELECTRIQUE OU UNITE DE DECLENCHEMENT POUVANT SE PROCURER DES PARAMETRES PREDEFINIS D'UN AUTRE APPAREIL DE COMMUTATION ELECTRIQUE OU D'UNE AUTRE UNITE DE DECLENCHEMENT**  
[72] MATSKO, Joseph J., US  
[72] SHVACH, Randal P., US  
[71] EATON CORPORATION, US  
[22] 1999-05-10  
[43] 1999-11-11  
[30] US (09/075,799) 1998-05-11

[21] **2,271,445**  
[13] A1

[51] **Int.Cl. 6G01R 29/00**  
[25] EN  
[54] **MEASUREMENT PROCEDURE FOR AURALLY CORRECT QUALITY ASSESSMENT OF AUDIO SIGNALS**  
[54] **PROCEDURE DE MESURE POUR CORRIGER AUDITIVEMENT L'ESTIMATION DE LA QUALITE DE SIGNAUX AUDIO**  
[72] THIEDE, Thilo, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[22] 1999-05-12  
[43] 1999-11-13  
[30] DE (198 21 273.9) 1998-05-13

[21] **2,271,446**  
[13] A1

[51] **Int.Cl. 6H05B 41/26**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR OPERATING ELECTRICAL LAMPS**  
[54] **CIRCUIT POUR OPERER UNE LAMPE ELECTRIQUE**  
[72] KIERMEIER, Theodor, DE  
[72] FRANCK, Felix, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-05-12  
[43] 1999-11-13  
[30] DE (198 21 351.4) 1998-05-13

[21] **2,271,454**  
[13] A1

[51] **Int.Cl. 6A61B 17/68**  
[25] EN  
[54] **MEANS FOR INTERCONNECTING TWO SPACED ELONGATED RODS OF A HUMAN SPINE IMPLANT**  
[54] **MOYENS D'INTERCONNECTER DEUX TIGES ALLONGEES ESPACEES D'UN IMPLANT DE COLONNE VERTEBRALE HUMAINE**  
[72] STOLTENBERG, Ingo, DE  
[72] ROBIONECK, Bernd, DE  
[71] HOWMEDICA GMBH, DE  
[22] 1999-05-12  
[43] 1999-11-13  
[30] DE (298 08 593.3) 1998-05-13

[21] **2,271,456**  
[13] A1

[51] **Int.Cl. 6A01G 9/12 6A01G 17/14**  
[25] EN  
[54] **METHOD OF HOLDING A PLANT TO A STAKE AND A KIT THEREFORE**  
[54] **METHODE DE MAINTENIR UNE PLANTE A UN TUTEUR ET LE NECESSAIRE CONCU A CET EFFET**  
[72] WOTTON, Michael C., US  
[71] SUN HILL INDUSTRIES, INC., US  
[22] 1999-05-12  
[43] 1999-11-13  
[30] US (09/078,044) 1998-05-13

[21] **2,271,493**  
[13] A1

[51] **Int.Cl. 6B63B 7/08 6B63B 29/00 6B63H 16/06**  
[25] EN  
[54] **INFLATABLE WATERCRAFT**  
[54] **VEHICULE MARIN GONFLABLE**  
[72] INKS, David A., US  
[72] STUTZ, William H., Jr., US  
[72] CORYELL, Dale O., US  
[71] INKS, David A., US  
[71] STUTZ, William H., Jr., US  
[71] CORYELL, Dale O., US  
[22] 1999-05-11  
[43] 1999-11-11  
[30] US (60/085,028) 1998-05-11  
[30] US (09/233,644) 1999-01-19

[21] **2,271,495**  
[13] A1

[51] **Int.Cl. 6A63F 9/06 6G09B 21/00 6A63F 3/00**  
[25] EN  
[54] **BRaille GAME BOARD**  
[54] **PLANCHETTE DE JEU EN BRaille**  
[72] BOURBEAU, Rosaire, CA  
[71] BOURBEAU, Rosaire, CA  
[22] 1999-05-10  
[43] 1999-11-08  
[30] US (60/084,785) 1998-05-08

[21] **2,271,497**  
[13] A1

[51] **Int.Cl. 6H04N 5/765**  
[25] EN  
[54] **VIDEO RECORDING DEVICE**  
[54] **DISPOSITIF D'ENREGISTREMENT VIDEO**  
[72] OTANA, Hiroshi, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 1999-05-11  
[43] 1999-11-13  
[30] JP (10-129914) 1998-05-13  
[30] JP (10-252868) 1998-09-07

[21] **2,271,498**  
[13] A1

[51] **Int.Cl. 6B25J 13/00 6H02J 1/00 6G05B 11/01**  
[25] EN  
[54] **LEGGED MOBILE ROBOT**  
[54] **ROBOT MOBILE MUNI DE MEMBRES INFERIEURS**  
[72] OGAWA, Naohide, JP  
[72] OZAWA, Nobuaki, JP  
[72] TAKENAKA, Toru, JP  
[72] OGAWA, Kenichi, JP  
[72] OKADA, Yasushi, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-05-11  
[43] 1999-11-11  
[30] JP (127163/10) 1998-05-11  
[30] JP (176346/10) 1998-06-23  
[30] JP (176347/10) 1998-06-23  
[30] JP (271410/10) 1998-09-25

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**November 7, 1999 - November 13, 1999**

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[21] **2,271,499**  
[13] A1

[51] **Int.Cl. 6F23Q 3/00**  
[25] EN  
[54] **ELECTRIC GAS-LIGHTER**  
[54] **BRIQUET A GAZ ELECTRIQUE**  
[72] BIANCHI, Raoul, IT  
[71] MILLER EUROPE S.P.A., IT  
[22] 1999-05-11  
[43] 1999-11-12  
[30] IT (TO98A 000397) 1998-05-12

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[21] **2,271,500**  
[13] A1

[51] **Int.Cl. 6F23Q 3/00**  
[25] EN  
[54] **ELECTRIC GAS-LIGHTER**  
[54] **BRIQUET A GAZ ELECTRIQUE**  
[72] ALEARDI, Massimo, IT  
[71] MILLER EUROPE S.P.A., IT  
[22] 1999-05-11  
[43] 1999-11-12  
[30] IT (TO98A 000398) 1998-05-12

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[21] **2,271,501**  
[13] A1

[51] **Int.Cl. 6B67C 11/00**  
[25] EN  
[54] **COLLAPSIBLE FUNNEL**  
[54] **ENTONNOIR PLIABLE**  
[72] TREMBLAY, Christian, CA  
[71] TREMBLAY, Christian, CA  
[22] 1999-05-12  
[43] 1999-11-13  
[30] US (09/078,038) 1998-05-13

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[21] **2,271,510**  
[13] A1

[51] **Int.Cl. 6C07D 207/08 6C07D 207/12 6A61K 7/13**  
[25] EN  
[54] **OXIDATIVE HAIR DYE COMPOSITIONS AND METHODS CONTAINING 1-(4-AMINOPHENYL)-2-PYRROLIDINEMETHANOLS**  
[54] **COLORANTS CAPILAIRES OXYDATIFS ET METHODES CONTENANT 1-(4-AMINOPHENYL)-2-PYRROLIDINEMETHANOLS**  
[72] LIM, Mu-III, US  
[72] POPP, Margaret, US  
[72] PAN, Yuh-Guo, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1999-05-12  
[43] 1999-11-13  
[30] US (09/078,264) 1998-05-13

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[21] **2,271,515**  
[13] A1

[51] **Int.Cl. 6G01N 1/22**  
[25] EN  
[54] **EXHAUST GAS SAMPLING APPARATUS**  
[54] **APPAREIL D'ECHANTILLONNAGE DE GAZ D'ECHAPPEMENT**  
[72] SHIBATA, Atsushi, JP  
[72] MATSUYAMA, Mamoru, JP  
[72] SASAKI, Kyosuke, JP  
[72] HANASHIRO, Noriyuki, JP  
[72] YANAGLHARA, Shigeru, JP  
[72] OBARA, Keisuke, JP  
[72] YAMAWAKI, Shuta, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[71] KABUSHIKIKASHIHA TSUKASA SOKKEN, JP  
[22] 1999-05-12  
[43] 1999-11-12  
[30] JP (10-129138) 1998-05-12  
[30] JP (10-129148) 1998-05-12  
[30] JP (10-173747) 1998-06-22  
[30] JP (10-199039) 1998-07-14  
[30] JP (10-199040) 1998-07-14  
[30] JP (10-261230) 1998-09-16

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[21] **2,271,518**  
[13] A1

[51] **Int.Cl. 6C07C 49/603 6C07C 45/67**  
[25] EN  
[54] **IMPROVED PROCESS FOR THE PREPARATION OF 3,5,5-TRIMETHYLCYCLOHEXA-3-EN-1-ONE (.BETA.-ISOPHORONE) BY ISOMERISATION OF 3,5,5-TRIMETHYLCYCLOHEXA-2-EN-1-ONE (.ALPHA.-ISOPHORONE) (II)**  
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE 3,5,5-TRIMETHYLCYCLOHEXA-3-EN-1-ONE (.BETA.-ISOPHORONE) PAR ISOMERATION DE 3,5,5-TRIMETHYLCYCLOHEXA-2-EN-1-ONE (.ALPHA.-ISOPHORONE) (II)**  
[72] KRILL, Steffen, DE  
[72] HAHN, Rainer, DE  
[72] SCHMITT, Hermann, DE  
[72] HUTHMACHER, Klaus, DE  
[72] HASSELBACH, Hans-Joachim, DE  
[72] KRETZ, Stephan, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-05-12  
[43] 1999-11-13  
[30] DE (198 21 379.4) 1998-05-13

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[21] **2,271,519**  
[13] A1

[51] **Int.Cl. 6C07D 239/06**  
[25] EN  
[54] **PROCESS FOR THE SEPARATION OF TETRAHYDROPYRIMIDINE DERIVATIVES**  
[54] **PROCEDE POUR LA SEPARATION DE DERIVES DE TETRAHYDROPYRIMIDINE**  
[72] TREFFENFELDT, Wiltrud, DE  
[72] KARAU, Andreas, DE  
[72] PREUSS, Andrea, DE  
[72] STOCKHAMMER, Stefan, SK  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-05-12  
[43] 1999-11-13  
[30] DE (198 21 378.6) 1998-05-13

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[21] **2,271,520**  
[13] A1

[51] **Int.Cl. 6A47K 3/12**  
[25] EN  
[54] **SHOWER STALL SEAT FOR DISABLED AND ELDERLY PERSONS**  
[54] **SIEGE DE CABINE DE DOUCHE POUR HANDICAPES ET PERSONNES AGEES**  
[72] GINDER, Karl, US  
[71] GINDER, Karl, US  
[22] 1999-05-12  
[43] 1999-11-13  
[30] US (60/085,246) 1998-05-13

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[21] **2,271,521**  
[13] A1

[51] **Int.Cl. 6B02C 18/18**  
[25] EN  
[54] **CUTTING SHAFT WITH CUTTING TOOLS FOR A SHREDDING/CRUSHING MACHINE**  
[54] **ARBRE DE COUPE DOTE D'OUTILS COUPANTS POUR DECHIQUETEUR-BROYEUR**  
[72] PÄPER, Bernd, CH  
[71] HOLZ-, METALL-, ABFALL-, RECYCLINGTECHNIK GMBH, DE  
[22] 1999-05-12  
[43] 1999-11-12  
[30] DE (198 21 206.2) 1998-05-12  
[30] DE (198 21 204.6) 1998-05-12

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**Demandes canadiennes mises à la disponibilité du public**  
**7 novembre 1999 - 13 novembre 1999**

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[21] **2,271,522**  
[13] A1

[51] **Int.Cl. 6E02F 3/58 6E02F 9/14**  
[25] EN  
[54] **DRAGLINE RIGGING**  
[54] **GREEMENT D'EXCAVATEUR A BENNE**  
[72] MEYERS, Thomas Anthony, AU  
[71] MEYERS, Thomas Anthony, AU  
[22] 1999-05-12  
[43] 1999-11-13  
[30] AU (PP3474) 1998-05-13

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[21] **2,271,526**  
[13] A1

[51] **Int.Cl. 6F16K 24/00 6F16K 15/02 6F16K 17/26**  
[25] EN  
[54] **VACUUM BREAKER WITH BUOYANT FLOAT CUP**  
[54] **RENIFLARD MUNI D'UNE CUVETTE FLOTTANTE**  
[72] KERSTEN, Steven Allen, US  
[72] CENTNER, Robert Joseph, US  
[71] WATERSAVER FAUCET CO., US  
[22] 1999-05-12  
[43] 1999-11-12  
[30] US (09/076,527) 1998-05-12

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[21] **2,271,529**  
[13] A1

[51] **Int.Cl. 6C09D 5/08**  
[25] EN  
[54] **A METHOD FOR REHABILITATIVE AND/OR PROTECTIVE CORROSION-INHIBITION OF REINFORCING STEEL EMBEDDED IN A HARDENED CONCRETE STRUCTURE BY MEANS OF SURFACE-APPLIED CORROSION-INHIBITING COMPOSITIONS**  
[54] **METHODE POUR REHABILITER ET/OU PROTEGER L'INHIBITION CORROSIVE D'ACIER RENFORCE ENCASTRE DANS UNE STRUCTURE EN BETON DURCIS AU MOYEN DE COMPOSITIONS APPLIQUE EN SURFACE POUR INHIBANT LA CORROSION**  
[72] MARAZZANI, Beat, CH  
[72] MÄDER, Urs, CH  
[72] BURGE, Theodor A., CH  
[71] SIKA AG, VORM. KASPAR WINKLER & CO., CH  
[22] 1999-05-12  
[43] 1999-11-13  
[30] EP (98108660.6) 1998-05-13

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[21] **2,271,531**  
[13] A1

[51] **Int.Cl. 6E21B 43/26 6E21B 43/17**  
[25] EN  
[54] **METHODS OF STIMULATING AND PRODUCING MULTIPLE STRATIFIED RESERVOIRS**  
[54] **METHODES DE STIMULATION ET DE FABRICATION DE PLUSIEURS RESERVOIRS STRATIFIES**  
[72] GRAHAM, Stephen A., VE  
[72] STEGEMEIER, David S., US  
[72] BROWN, Raymond L., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 1999-05-12  
[43] 1999-11-12  
[30] US (09/076,428) 1998-05-12

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[21] **2,271,553**  
[13] A1

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **LEVEL-FLATTENING CIRCUIT FOR WDM OPTICAL SIGNALS**  
[54] **CIRCUIT PROVOQUANT L'APLATISSEMENT DE NIVEAUX POUR SIGNAUX OPTIQUES MRL**  
[72] NISHINO, Masaru, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-10  
[43] 1999-11-11  
[30] JP (10-142046) 1998-05-11

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[21] **2,271,554**  
[13] A1

[51] **Int.Cl. 6G01R 29/027**  
[25] EN  
[54] **CIRCUITRY AND METHOD FOR DUTY MEASUREMENT**  
[54] **CIRCUITS ET METHODE DE MESURE DES FONCTIONS**  
[72] BABA, Mitsuo, JP  
[71] NEC CORPORATION, JP  
[22] 1999-05-10  
[43] 1999-11-11  
[30] JP (127963/1998) 1998-05-11

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[21] **2,271,557**  
[13] A1

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **CLOSE PROP AND LATCH ASSEMBLY FOR STORED ENERGY OPERATING MECHANISM OF ELECTRICAL SWITCHING APPARATUS**  
[54] **SUPPORT ET LOQUET DE FERMETURE POUR LE MECANISME DE FONCTIONNEMENT A ACCUMULATION D'ENERGIE D'UN APPAREIL DE COMMUTATION ELECTRIQUE**  
[72] WEHRLI, Hank Anthony III, US  
[72] DORAN, Raymond Clyde, US  
[71] EATON CORPORATION, US  
[22] 1999-05-06  
[43] 1999-11-07  
[30] US (09/074,133) 1998-05-07

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[21] **2,271,561**  
[13] A1

[51] **Int.Cl. 6E05D 7/00 6E05D 11/08**  
[25] EN  
[54] **ADJUSTABLE WINDOW HINGE**  
[54] **PAUMELLE AJUSTABLE**  
[72] CARRIER, Germain, CA  
[72] BISSON, Gaetan, CA  
[71] CARRIER, Germain, CA  
[71] BISSON, Gaetan, CA  
[22] 1999-05-12  
[43] 1999-11-12  
[30] US (60/085,063) 1998-05-12

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[21] **2,271,589**  
[13] A1

[51] **Int.Cl. 6F16G 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING AN OBJECT TO A DEVICE**  
[54] **METHODE ET APPAREIL DE RACCORDEMENT D'UN OBJET A UN DISPOSITIF**  
[72] IVANDIC, Ivan, CA  
[72] IVANDIC, Vladimir, CA  
[71] UNIT ELECTRICAL ENGINEERING LTD., CA  
[22] 1999-05-13  
[43] 1999-11-07

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[21] **2,271,592**  
[13] A1

[51] **Int.Cl. 6A01K 89/0155 6A01K 89/033**  
[25] EN  
[54] **BAIT CAST CONTROL FISHING REEL**  
[54] **MOULINET DE PECHE A CONTROLE DE LANCER D'APPAT**  
[72] JACOBS, Stephen J., US  
[72] CHAPMAN, John W., US  
[72] KREUSER, Christopher F., US  
[71] JOHNSON WORLDWIDE ASSOCIATES, INC., US  
[22] 1999-05-13  
[43] 1999-11-13  
[30] US (09/076,970) 1998-05-13

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[21] **2,271,599**  
[13] A1

[51] **Int.Cl. 6E04H 12/00 6F16B 7/00 6F21V 21/00 6E04H 12/24**  
[25] EN  
[54] **SPACER BETWEEN POLE AND CROSS-ARM**  
[54] **INTERCALAIRE ENTRE LE BATON ET LA TIGE A SECTION**  
[72] GORDIN, Myron K., US  
[72] BOYLE, Timothy J., US  
[71] MUSCO CORPORATION, US  
[22] 1999-05-13  
[43] 1999-11-13  
[30] US (09/078,366) 1998-05-13

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[21] **2,271,615**  
[13] A1

[51] **Int.Cl. 6D21C 9/04**  
[25] EN  
[54] **PLATE DIFFUSER FOR TREATING COMMINUTED CELLULOSIC FIBROUS MATERIAL**  
[54] **DIFFUSEUR DE PLAQUE POUR TRAITER UNE MATIERE FIBREUSE CELLULOSIQUE BROYEE**  
[72] PROUGH, James R., US  
[71] AHLSTROM MACHINERY INC., US  
[22] 1999-05-13  
[43] 1999-11-07  
[30] US (60/084,666) 1998-05-07

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[21] **2,271,633**  
[13] A1

[51] **Int.Cl. 6A47J 36/34 6A47J 36/06**  
[25] EN  
[54] **CONTAINER LID STAND**  
[54] **SUPPORT DE COUVERCLES DE CONTENANT**  
[72] WANG, Holman, CA  
[71] WANG, Holman, CA  
[22] 1999-05-11  
[43] 1999-11-11  
[30] CA (2,237,477) 1998-05-11

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[21] **2,271,813**  
[13] A1

[51] **Int.Cl. 6H04L 12/04 6H04Q 3/52**  
[25] EN  
[54] **INTEGRATED TELECOMMUNICATIONS LINE SYSTEM AND CROSS-CONNECT**  
[54] **SYSTEME INTEGRE DE LIGNES DE TELECOMMUNICATION ET REPARTITEUR**  
[72] BETTS, Malcolm Charles, CA  
[72] PURSE, Christopher Michael, GB  
[72] MARTIN, David, CA  
[72] SOLHEIM, Alan, CA  
[72] DIPERNA, Dino, CA  
[72] NICHOLSON, David John, GB  
[72] TATAR, Mohammed Ismael, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-05-11  
[43] 1999-11-12  
[30] GB (9809990.6) 1998-05-12

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[21] **2,271,818**  
[13] A1

[51] **Int.Cl. 6B01J 37/12 6B01J 19/08**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF PULVERULENT HETEROGENEOUS SUBSTANCES**  
[54] **PROCESSUS DE FABRICATION DE SUBSTANCES HETEROGENES PULVERULENTES**  
[72] DOMESLE, Rainer, DE  
[72] FOERSTER, Martin, DE  
[72] GUTSCH, Andreas, DE  
[72] STOHR, Oliver, DE  
[72] KIESSLING, Ralph, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-05-11  
[43] 1999-11-12  
[30] DE (198 21 144.9) 1998-05-12

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[21] **2,271,820**  
[13] A1

[51] **Int.Cl. 6A01N 43/40 6A01N 37/38 6A01N 43/54 6A01N 43/647 6A01N 43/72**  
[25] EN  
[54] **FUNGICIDAL MIXTURES**  
[54] **MELANGES FONGICIDES**  
[72] SIEVERDING, Ewald Gerhard, DE  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 1999-05-11  
[43] 1999-11-13  
[30] US (09/078,029) 1998-05-13

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[21] **2,271,831**  
[13] A1

[51] **Int.Cl. 6C07D 231/56 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 405/14 6A61K 31/41 6A61K 31/415 6A61K 31/435 6A61K 31/495 6A61K 31/535**  
[25] EN  
[54] **NEW 1,5- AND 3-0-SUBSTITUTED 1H-INDAZOLES HAVING ANTI-ASTHMATIC, ANTI-ALLERGIC, ANTI-INFLAMMATORY, IMMUNOMODULATING AND NEUROPROTECTIVE ACTION, PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **NOUVEAUX 1H-INDAZOLES-1,5 ET -3,0 SUBSTITUES AYANT DES PROPRIETES ANTI-ASTHMATIQUES, ANTI-ALLERGIQUES, ANTI-INFLAMMATOIRES, IMMUNOMODULATRICES ET NEUROPROTECTRICES, AINSI QU'UN PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**  
[72] POPPE, Hildegard, DE  
[72] SCHINDLER, Rudolf, DE  
[72] BRUNE, Kay, DE  
[72] HOFGEN, Norbert, DE  
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE  
[22] 1999-05-11  
[43] 1999-11-11  
[30] DE (198 21 001.7) 1998-05-11

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[21] **2,271,834**  
[13] A1

[51] **Int.Cl. 6G03F 7/023**  
[25] EN  
[54] **IR- AND UV-RADIATION-SENSITIVE COMPOSITION AND LITHOGRAPHIC PLATE**  
[54] **COMPOSITION SENSIBLE AUX RAYONS INFRAROUGES ET ULTRAVIOLETS ET PLAQUE OFFSET**  
[72] PEVERI, Paolo, IT  
[72] TETTAMANTI, Andrea, IT  
[72] BOLLI, Angelo, IT  
[71] LASTRA S.P.A., IT  
[22] 1999-05-11  
[43] 1999-11-12  
[30] IT (MI98A0001023) 1998-05-12

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[21] **2,271,873**  
[13] A1

[51] **Int.Cl. 6D06P 5/00**  
[25] EN  
[54] **METHOD OF TREATING NATURAL OR SYNTHETIC POLYAMIDE FIBRE MATERIALS**  
[54] **METHODE DE TRAITER LES TISSUS EN FIBRE POLYAMIDE NATUREL OU SYNTHETIQUE**  
[72] OUZIEL, Philippe, FR  
[72] ADAM, Jean-Marie, FR  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1999-05-11  
[43] 1999-11-13  
[30] EP (98810433.7) 1998-05-13

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[21] **2,271,905**  
[13] A1

[51] **Int.Cl. 6H04N 5/262 6G06F 19/00**  
[25] EN  
[54] **DIGITAL SIGNAL PROCESSING APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE SIGNAUX NUMERIQUES**  
[72] NAKAMURA, Nobuo, JP  
[72] ABE, Takao, JP  
[72] NAKAMATSU, Akira, JP  
[71] SONY CORPORATION, JP  
[22] 1999-05-11  
[43] 1999-11-13  
[30] JP (P10-130885) 1998-05-13

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[21] **2,271,837**  
[13] A1

[51] **Int.Cl. 6C07D 231/56 6C07D 401/06 6C07D 403/06 6C07D 405/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 403/14 6A61K 31/41 6A61K 31/415 6A61K 31/435 6A61K 31/495 6A61K 31/535**  
[25] EN  
[54] **NEW 1,2,5,-TRISUBSTITUTED 1,2,-DIHYDROINDAZOL-3-ONES HAVING ANTI-ASTHMATIC, ANTI-ALLERGIC, ANTI-INFLAMMATORY, IMMUNOMODULATING AND NEUROPROTECTIVE ACTION, PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **NOUVEAUX DIHYDROINDAZOL-3-ONES-1,2 TRISUBSTITUES-1,2,5 AYANT DES PROPRIETES ANTI-ASTHMATIQUES, ANTI-ALLERGIQUES, ANTI-INFLAMMATOIRES, IMMUNOMODULATRICES ET NEUROPROTECTRICES, AINSI QU'UN PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**  
[72] HOFGEN, Norbert, DE  
[72] POPPE, Hildegard, DE  
[72] SCHINDLER, Rudolf, DE  
[72] BRUNE, Kay, DE  
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE  
[22] 1999-05-11  
[43] 1999-11-11  
[30] DE (198 21 003.5) 1998-05-11

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[21] **2,271,896**  
[13] A1

[51] **Int.Cl. 6H01H 83/04**  
[25] EN  
[54] **CIRCUIT INTERRUPTER WITH TEST ACTUATOR FOR GROUND FAULT AND ARC FAULT TEST MECHANISMS**  
[54] **INTERRUPTEUR DE CIRCUIT DOTE D'UN DISPOSITIF DE COMMANDE POUR MECANISMES DE DETECTION DES DEFAUTS A LA TERRE ET A L'ARC**  
[72] ELMS, Robert T., US  
[72] KIMBLIN, Clive W., US  
[71] EATON CORPORATION, US  
[22] 1999-05-11  
[43] 1999-11-12  
[30] US (09/076,394) 1998-05-12

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[21] **2,272,009**  
[13] A1

[51] **Int.Cl. 6B02C 18/18**  
[25] EN  
[54] **ARRANGEMENT OF SEATS FOR KNIVES ON A CUTTING SHAFT IN A SHREDDING MACHINE**  
[54] **DISPOSITION D'APPUI DE LAME SUR L'ARBRE COUPEUR D'UN DECHIQUETEUR**  
[72] PÄPER, Bernd, CH  
[71] HOLZ-, METALL-, ABFALL-, RECYCLINGTECHNIK GMBH, DE  
[22] 1999-05-12  
[43] 1999-11-12  
[30] DE (198 21 205.4) 1998-05-12  
[30] DE (198 21 207.0) 1998-05-12

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[21] **2,271,900**  
[13] A1

[51] **Int.Cl. 6D21C 3/22**  
[25] EN  
[54] **IMPROVED CHEMICAL PULPING PROCESS**  
[54] **PROCESSUS AMELIORE DE FABRICATION DE PATES CHIMIQUES**  
[72] ELMS, Russell Allen, US  
[72] FEY, Kenneth Christopher, US  
[72] HILL, Randal Myron, US  
[72] HABERMEHL, James, US  
[72] BUROW, Richard Frederick, US  
[72] GOUDIE, Kathleen Ann, US  
[71] DOW CORNING CORPORATION, US  
[22] 1999-05-11  
[43] 1999-11-12  
[30] US (09/076,413) 1998-05-12

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[21] **2,272,022**  
[13] A1

[51] **Int.Cl. 6H02K 26/00 6H02K 33/18**  
[25] EN  
[54] **TORQUE AMPLIFICATION FOR ICE BREAKING IN AN ELECTRIC TORQUE MOTOR**  
[54] **AMPLIFICATION DE COUPLE SERVANT A DELOGER LA GLACE DANS UN MOTEUR COUPLE ELECTRIQUE**  
[72] TURNER, David, US  
[71] EATON CORPORATION, US  
[22] 1999-05-11  
[43] 1999-11-12  
[30] US (09/076,352) 1998-05-12

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[21] **2,272,773**

[13] A1

[51] **Int.Cl. 6E21B 7/00**

[25] EN

[54] **METHOD OF DRILLING  
BOREHOLES IN AREAS WITH  
RESTRICTED ACCESS**

[54] **METHODE DE FORAGE DE  
TROUS DE SONDE DANS DES ZONES A  
ACCES REGLEMENTE**

[72] ROBERTS, Randall Scott, CA

[71] ROBERTS, Randall Scott, CA

[22] 1999-05-20

[43] 1999-11-07

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[21] **2,274,782**

[13] A1

[51] **Int.Cl. 6G05D 16/20 6F04B 49/06**

[25] EN

[54] **AUTOMATIC VARIABLE  
DEMAND CONTROL SYSTEM FOR  
REGULATING THE WATER SUPPLY  
IN A HIGH RISE BUILDING**

[54] **SYSTEME AUTOMATIQUE DE  
CONTROLE A DEMANDE VARIABLE  
POUR REGULARISER**

**L'APPROVISIONNEMENT EN EAU  
POUR LES TOURS D'HABITATIONS**

[72] VAN JUREC, Vasil, CA

[72] MOTORA, Eugen, CA

[72] O'KEEFE, Larry, CA

[71] VAN JUREC, Vasil, CA

[71] MOTORA, Eugen, CA

[71] O'KEEFE, Larry, CA

[22] 1999-06-16

[43] 1999-11-07

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[21] **2,283,703**  
[13] A1

[51] **Int.Cl. 6F16H 37/00**  
[25] EN  
[54] **MULTISPEED POWERSHIFT TRANSMISSION**  
[54] **BOITE DE VITESSES AUTOMATIQUE**  
[72] HORSCH, JOACHIM, US  
[71] HORSCH, JOACHIM, US  
[85] 1999-09-15  
[86] 1999-01-16 (PCT/US99/00906)  
[87] 1999-07-22 (WO99/36285)  
[30] US (60/071,656) 1998-01-16  
[30] US (60/075,180) 1998-02-19

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[21] **2,283,874**  
[13] A1

[51] **Int.Cl. 6B65D 81/32 6B65D 51/28**  
[25] EN  
[54] **DISCHARGE CAP WITH RELEASABLE TABLET BASKET**  
[54] **BOUCHON DISTRIBUTEUR DOTE D'UN PETIT PANIER AMOVIBLE CONTENANT UN COMPRIME**  
[72] COORY, FREDRICK MICHAEL, NZ  
[71] COORY, FREDRICK MICHAEL, NZ  
[85] 1999-09-10  
[86] 1998-03-12 (PCT/NZ98/00034)  
[87] 1998-09-17 (WO98/40289)  
[30] NZ (314396) 1997-03-12

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[21] **2,283,932**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C07K 14/435 6G01N 33/53 6A61K 31/70**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DIAGNOSING/TREATING DISEASE BASED ON BETA-CATENIN/ TRANSCRIPTION FACTOR INTERACTIONS**  
[54] **COMPOSITIONS ET PROCEDES DE DIAGNOSTIC/TRAITEMENT D'UNE MALADIE PRESENTANT DES INTERACTIONS ENTRE DES FACTEURS DE TRANSCRIPTION ET LA BETA-CATENINE**

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[72] POLAKIS, PAUL, US  
[72] RUBINFELD, BONNEE, US  
[71] ONYX PHARMACEUTICALS, INC., US  
[85] 1999-09-10  
[86] 1998-03-18 (PCT/US98/05416)  
[87] 1998-10-01 (WO98/42296)  
[30] US (60/041,685) 1997-03-24

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[21] **2,283,997**  
[13] A1

[51] **Int.Cl. 6A61F 13/02 6A61F 7/02**  
[25] EN  
[54] **FLEXIBLE NON-CONTACT WOUND TREATMENT DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT DE BLESSURES SANS CONTACT ET FLEXIBLE**  
[72] LELAND, KEITH J., US  
[72] ARNOLD, RANDALL C., US  
[72] HAMLIN, GREGORY P., US  
[72] AUGUSTINE, SCOTT D., US  
[72] STAPF, DONALD E., US  
[71] AUGUSTINE MEDICAL, INC., US  
[85] 1999-09-10  
[86] 1998-01-14 (PCT/US98/00345)  
[87] 1998-10-22 (WO98/46179)  
[30] US (08/838,618) 1997-04-11

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[21] **2,284,042**  
[13] A1

[51] **Int.Cl. 6A47K 13/00 6E03D 11/00**  
[25] EN  
[54] **TOILET WITH A SEAT AREA AND BOWL**  
[54] **W.-C. COMPORTANT UNE ZONE DE SIEGE PROLONGEE**  
[72] GERLOFF, RALF GUNTER, DE  
[71] GERLOFF, RALF GUNTER, DE  
[85] 1999-09-17  
[86] 1998-01-10 (PCT/DE98/00076)  
[87] 1998-08-27 (WO98/36674)  
[30] DE (197 06 254.7) 1997-02-18

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[21] **2,284,050**  
[13] A1

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **CHEWING GUM AND GUM BASES HAVING REDUCED ADHESION TO ENVIRONMENTAL SURFACES**  
[54] **GOMME A MACHER ET BASES DE GOMME AYANT UNE ADHERENCE REDUITE AUX SURFACES AMBIANTES**  
[72] BUNCZEK, MICHAEL T., US  
[72] URNEZIS, PHILIP, US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 1999-09-17  
[86] 1998-12-17 (PCT/US98/26764)  
[87] 1999-07-01 (WO99/31994)  
[30] US (08/998,138) 1997-12-23

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[21] **2,284,051**  
[13] A1

[51] **Int.Cl. 6A61K 31/415 6A61K 9/16 6A61K 9/20**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION OF A N-PIPERIDINO-3-PYRAZOLECARBOXAMIDE DERIVATIVE, ITS SALTS AND THEIR SOLVATES**  
[54] **COMPOSITION PHARMACEUTIQUE POUR ADMINISTRATION ORALE D'UN DERIVE DU N-PIPERIDINO-3-PYRAZOLECARBOXAMIDE, DE SES SELS ET DE LEURS SOLVATES**  
[72] CONDAMINE, CHRISTIAN, FR  
[72] ABRAMOVICI, BERNARD, FR  
[72] GROMENIL, JEAN-CLAUDE, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-09-17  
[86] 1998-03-27 (PCT/FR98/00631)  
[87] 1998-10-08 (WO98/43636)  
[30] FR (97/03835) 1997-03-28

[21] **2,284,052**  
[13] A1

[51] **Int.Cl. 6C01B 7/19 6C07C 17/20 6C07C 17/38**  
[25] EN  
[54] **HYDROGEN FLUORIDE RECOVERY PROCESS**  
[54] **PROCEDE DE RECUPERATION DU FLUORURE D'HYDROGENE**  
[72] SHIELDS, CHARLES JOHN, GB  
[72] LOW, ROBERT ELLIOTT, GB  
[72] EWING, PAUL NICHOLAS, GB  
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[85] 1999-09-13  
[86] 1998-04-06 (PCT/GB98/01016)  
[87] 1998-10-15 (WO98/45209)  
[30] GB (9707176.5) 1997-04-09

[21] **2,284,053**  
[13] A1

[51] **Int.Cl. 6D21F 5/04**  
[25] EN  
[54] **METHOD FOR CONTROL OF THE CURL OF PAPER IN THE DRYER SECTION OF A PAPER MACHINE AND PAPER OR BOARD MACHINE**  
[54] **PROCEDE POUR EMPECHER LE GONDOLAGE DU PAPIER DANS LA SECHERIE D'UNE MACHINE A PAPIER ET D'UNE MACHINE A PAPIER OU A CARTON**  
[72] JUPPI, KARI, FI  
[72] IJÄS, VESA, FI  
[72] AHONEN, PASI, FI  
[72] KÄLLIONIEMI, JAAKKO, FI  
[71] VALMET CORPORATION, FI  
[85] 1999-09-17  
[86] 1998-03-23 (PCT/FI98/00253)  
[87] 1998-10-08 (WO98/44191)  
[30] FI (971301) 1997-03-27

[21] **2,284,054**  
[13] A1

[51] **Int.Cl. 6C08F 8/28 6A61L 15/00**  
[25] EN  
[54] **PRINTABLE SWELLING PASTE AND ITS USE**  
[54] **PATES GONFLANTES IMPRIMABLES ET LEUR UTILISATION**  
[72] HOUBEN, JOCHEN, DE  
[72] MERTENS, RICHARD, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[85] 1999-09-17  
[86] 1998-04-17 (PCT/EP98/02286)  
[87] 1998-10-29 (WO98/47932)  
[30] DE (19717395.0) 1997-04-24

[21] **2,284,055**  
[13] A1

[51] **Int.Cl. 6C09D 151/06 6C09D 123/04**  
[25] EN  
[54] **MOISTURE RESISTANT COATED METAL SUBSTRATES**  
[54] **SUBSTRATS METALLIQUES ENROBES ET RESISTANT A L'HUMIDITE**  
[72] WONG, CHUN SING, CA  
[71] DUPONT CANADA INC., CA  
[85] 1999-09-13  
[86] 1998-04-28 (PCT/CA98/00407)  
[87] 1998-11-05 (WO98/49245)  
[30] US (60/044,364) 1997-04-29  
[30] US (60/046,333) 1997-05-07

[21] **2,284,056**  
[13] A1

[51] **Int.Cl. 6A22C 17/00 6A22C 25/18 6A22B 5/20**  
[25] EN  
[54] **IMPROVED LOIN KNIFE ASSEMBLY FOR AUTOMATIC LOIN PULLER APPARATUS**  
[54] **ENSEMBLE COUTEAU DE DECOUPE DE LONGE PERFECTIONNE POUR APPAREIL D'EXTRACTION AUTOMATIQUE DE LA LONGE**  
[72] CHAPPELL, DAVID L., US  
[72] ANDRE, SCOTT E., US  
[72] BOODY, LAWRENCE D., US  
[71] ACRALOC CORPORATION, US  
[85] 1999-09-13  
[86] 1998-05-27 (PCT/US98/10731)  
[87] 1998-12-03 (WO98/53695)  
[30] US (08/864,097) 1997-05-28  
[30] US (08/946,159) 1997-10-07  
[30] US (09/046,455) 1998-03-23

[21] **2,284,057**  
[13] A1

[51] **Int.Cl. 6G02F 1/167 6H02J 17/00 6G09F 9/37 6G01R 13/40**  
[25] EN  
[54] **PRINTABLE ELECTRONIC DISPLAY**  
[54] **DISPOSITIF D'AFFICHAGE ELECTRONIQUE IMPRIMABLE**  
[72] COMISKEY, BARRETT, US  
[72] JACOBSON, JOSEPH M., US  
[72] TURNER, CHRISTOPHER, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 1999-09-17  
[86] 1998-03-06 (PCT/US98/04842)  
[87] 1998-09-24 (WO98/41898)  
[30] US (08/820,057) 1997-03-18

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[21] **2,284,058**  
[13] A1

[51] **Int.Cl. 6A61K 9/00**  
[25] EN  
[54] **DIFFUSIONAL IMPLANTABLE DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION PAR DIFFUSION, IMPLANTABLE**  
[72] ROORDA, WOUTER E., US  
[72] DIONNE, KEITH E., US  
[72] BROWN, JAMES E., US  
[72] TZANNIS, STELIOS T., US  
[72] PRESTRELSKI, STEVEN J., US  
[72] DAVIS, CRAIG R., US  
[72] WRIGHT, JEREMY C., US  
[71] ALZA CORPORATION, US  
[85] 1999-09-17  
[86] 1998-03-17 (PCT/US98/05138)  
[87] 1998-10-08 (WO98/43611)  
[30] US (60/042,196) 1997-03-31

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[21] **2,284,062**  
[13] A1

[51] **Int.Cl. 6A61K 38/19 6A61K 38/36**  
[25] EN  
[54] **TRANSMUCOSAL INDUCTION OF TOLERANCE TO PARENTERALLY ADMINISTERED NON-AUTOLOGOUS POLYPEPTIDES**  
[54] **INDUCTION, PAR LA VOIE DES MUQUEUSES, DE TOLERANCE A DES POLYPEPTIDES NON-AUTOLOGUES ADMINISTRES DE MANIERE PARENTERALE**  
[72] MCGUINNESS, CHARLOTTE M., US  
[72] RUDNIC, EDWARD M., US  
[72] BURNSIDE, BETH A., US  
[71] SHIRE LABORATORIES, INC., US  
[85] 1999-09-17  
[86] 1998-03-19 (PCT/US98/05496)  
[87] 1998-09-24 (WO98/41228)  
[30] US (60/039,633) 1997-03-19

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[21] **2,284,064**  
[13] A1

[51] **Int.Cl. 6G06F 3/06**  
[25] EN  
[54] **AN APPARATUS AND METHOD FOR AUTOMATIC CONFIGURATION OF A RAID CONTROLLER**  
[54] **DISPOSITIF ET PROCEDE SERVANT A EFFECTUER LA CONFIGURATION AUTOMATIQUE D'UNE UNITE DE COMMANDE DE RAID**  
[72] KAILASH., US  
[72] SURUGGUCHI, KRISHNAKUMAR RAO, US  
[71] MYLEX CORPORATION, US  
[85] 1999-09-17  
[86] 1999-01-20 (PCT/US99/01282)  
[87] 1999-07-29 (WO99/38067)  
[30] US (09/009,945) 1998-01-21

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[21] **2,284,059**  
[13] A1

[51] **Int.Cl. 6F16C 3/14 6B65B 1/04**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SERVICE OF AN AUTOMOTIVE AUTOMATIC TRANSMISSION**  
[54] **APPAREIL ET PROCEDE D'ENTRETIEN D'UNE TRANSMISSION AUTOMATIQUE D'AUTOMOBILE**  
[72] DIXON, PATRICK LEWIS, US  
[72] ROUNDS, TODD MICHAEL, US  
[72] CAMACHO, MICHAEL JOSEPH, US  
[71] WYNN OIL COMPANY, US  
[85] 1999-09-13  
[86] 1998-03-09 (PCT/US98/04554)  
[87] 1998-09-17 (WO98/40636)  
[30] US (08/816,486) 1997-03-13

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[21] **2,284,063**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G06F 9/46**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SELECTION AND RETRIEVAL OF DIVERSE TYPES OPF VIDEO DATA ON A COMPUTER NETWORK**  
[54] **SYSTEME ET PROCEDE DE SELECTION ET D'EXTRACTION DE DIVERS TYPES DE DONNEES VIDEO DANS UN RESEAU D'ORDINATEURS**  
[72] BROWNELL, LONNIE J., US  
[72] COLBY, KENNETH W., US  
[72] WEATHERSBY, GUY P., US  
[72] KENNER, BRIAN, US  
[71] INTERVU, INC., US  
[85] 1999-09-13  
[86] 1998-03-13 (PCT/US98/04976)  
[87] 1998-09-17 (WO98/40831)  
[30] US (60/039,086) 1997-03-14

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[21] **2,284,065**  
[13] A1

[51] **Int.Cl. 6H02M 7/521 6H02M 1/12 6H05K 7/20 6H02M 7/515 6H02M 7/5387**  
[25] EN  
[54] **HIGH POWER INVERTER POLE EMPLOYING SERIES CONNECTED DEVICES CONFIGURED FOR REDUCED STRAY LOOP INDUCTANCE**  
[54] **POLE D'ONDULEUR HAUTE PUISSANCE FAISANT APPEL A DES DISPOSITIFS CONNECTES EN SERIE ET CONFIGURES POUR UNE INDUCTANCE DE BOUCLE PARASITE REDUITE**  
[72] STACEY, ERIC JOHN, US  
[72] BETTENCOURT, GEORGE STUDLEY, US  
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US  
[85] 1999-09-17  
[86] 1998-03-19 (PCT/US98/05425)  
[87] 1998-09-24 (WO98/42066)  
[30] US (08/822,372) 1997-03-20

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[21] **2,284,060**  
[13] A1

[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **DRY POWDER INHALER**  
[54] **INHALATEUR DE POUDRE SECHE**  
[72] GREENSPAN, BERNARD, US  
[72] CHEN, JEFFREY, US  
[72] EISELE, ROBERT, US  
[72] DAVIES, KAREN, US  
[71] DURA PHARMACEUTICALS, INC., US  
[85] 1999-09-17  
[86] 1998-03-16 (PCT/US98/05133)  
[87] 1998-09-24 (WO98/41265)  
[30] US (08/821,753) 1997-03-20

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<p style="text-align: right;">[21] <b>2,284,068</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 15/00 6G09F 19/14</b> [25] EN [54] <b>DISPLAY BILLBOARD AND METHOD</b> [54] <b>PANNEAU PUBLICITAIRE ET PROCEDE CORRESPONDANT</b> [72] SCOTT HUNTER, TIMOTHY, HU [72] FROST, PETER, HU [71] BUD.3DPC LIMITED, CY [85] 1999-09-17 [86] 1997-10-29 (PCT/GB97/02816) [87] 1998-09-24 (WO98/41969) [30] HU (U 97 00072) 1997-03-17</p>	<p style="text-align: right;">[21] <b>2,284,089</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/68 6A01H 4/00 6C12N 5/04 6G01N 33/50</b> [25] EN [54] <b>METHOD FOR DETERMINING MATURITY IN CONIFER SOMATIC EMBRYOS</b> [54] <b>PROCEDE POUR INDUIRE ET DETERMINER LA MATURITE D'EMBRYONS SOMATIQUES DE CONIFERES</b> [72] GUPTA, PRAMOD K., US [72] KOESTER, MARTHA K., US [72] BLACKMAN, SHEILA A., US [72] CARPENTER, CAROLYN V., US [71] WEYERHAEUSER COMPANY, US [85] 1999-09-13 [86] 1998-04-21 (PCT/US98/08314) [87] 1998-10-29 (WO98/48279) [30] US (60/044,114) 1997-04-21 [30] US (60/068,688) 1997-12-24 [30] US (09/064,887) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,284,092</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47J 31/08 6A47J 31/44</b> [25] EN [54] <b>FILTERING DEVICE, FILTER ELEMENT FOR PREPARING BREWED BEVERAGES, AND PROCESS FOR PRODUCING THE FILTER ELEMENT</b> [54] <b>DISPOSITIF DE FILTRAGE, ELEMENT DE FILTRAGE UTILE POUR PREPARER DES INFUSIONS, ET PROCEDE DE FABRICATION DE L'ELEMENT DE FILTRAGE</b> [72] FRIEDRICH, DIETER, DE [72] ZIESCH, CHRISTIAN, DE [72] TREBITZ, BERND, DE [72] GLIEMROTH, FRANK, DE [72] STUCHER, REINHARD, DE [72] EMMERICH, HORST, DE [72] KLEEMANN, CHRISTOF, DE [72] BIELFELDT, UWE, DE [71] BRAUN GMBH, DE [85] 1999-09-13 [86] 1998-02-16 (PCT/EP98/00864) [87] 1998-09-17 (WO98/39997) [30] EP (97104260.1) 1997-03-13</p>
<p style="text-align: right;">[21] <b>2,284,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01N 7/18 6B21K 29/00</b> [25] EN [54] <b>STAMP-FORMED MUFFLER HAVING A UNITARY INNER CARTRIDGE</b> [54] <b>SILENCIEUX FORME PAR ESTAMPAGE AVEC CARTOUCHE INTERNE UNITAIRE</b> [72] HEROLD, ANDREW J., US [71] ARVIN INDUSTRIES, INC., US [85] 1999-09-17 [86] 1997-03-24 (PCT/US97/04955) [87] 1998-10-01 (WO98/42965)</p>		

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<p style="text-align: center;">[21] <b>2,284,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 45/00 6A61K 31/70</b> [25] EN [54] <b>DRUGS CONTAINING ENZYME INHIBITORS AS THE ACTIVE INGREDIENT</b> [54] <b>MEDICAMENTS CONTENANT DES INHIBITEURS D'ENZYMES EN TANT QUE PRINCIPE ACTIF</b> [72] OSADA, HIROSHI, JP [72] DAN, TAKASHI, JP [72] KAMATANI, NAOYUKI, JP [71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP [85] 1999-09-13 [86] 1998-03-11 (PCT/JP98/00997) [87] 1998-09-17 (WO98/40101) [30] JP (9/59065) 1997-03-13</p>	<p style="text-align: center;">[21] <b>2,284,096</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 59/00</b> [25] EN [54] <b>ANTI-MICROBIAL COATINGS HAVING INDICATOR PROPERTIES AND WOUND DRESSINGS</b> [54] <b>REVETEMENTS ANTIMICROBIENS AGISSANT EN TANT QU'INDICATEURS ET SPARADRAPS</b> [72] BURRELL, ROBERT EDWARD, CA [72] PRECHT, RODERICK JOHN, CA [71] WESTAIM TECHNOLOGIES INC., CA [85] 1999-09-13 [86] 1998-02-17 (PCT/CA98/00102) [87] 1998-09-24 (WO98/41095) [30] US (08/818,869) 1997-03-17</p>	<p style="text-align: center;">[21] <b>2,284,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/00</b> [25] EN [54] <b>SOLVENT FOR BIOPOLYMER SYNTHESIS, SOLVENT MICRODROPLETS AND METHODS OF USE</b> [54] <b>SOLVANT DESTINE A LA SYNTHESE DE BIOPOLYMERES, MICROGOUTTELETTES DE SOLVANT ET PROCEDES D'UTILISATION</b> [72] BLANCHARD, ALAN P., US [71] UNIVERSITY OF WASHINGTON, US [85] 1999-09-17 [86] 1998-03-20 (PCT/US98/05483) [87] 1998-09-24 (WO98/41531) [30] US (08/821,156) 1997-03-20 [30] US (09/008,120) 1998-01-16</p>
<p style="text-align: center;">[21] <b>2,284,095</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/17 6C12N 1/21 6C07K 14/46 6C07K 14/49 6C07K 14/495 6C07K 14/52 6C12N 15/54 6C12N 15/57 6C12N 15/62 6C07K 14/705 6C07K 14/755 6C07K 14/815</b> [25] EN [54] <b>BI- OR MULTIFUNCTIONAL MOLECULES BASED ON A DENDROASPIN SCAFFOLD</b> [54] <b>MOLECULES BIFONCTIONNELLES OU MULTIFONCTIONNELLES ARTICULEES AUTOUR D'UN ECHAFFAUDAGE DE LA DENDROASPINE</b> [72] SCULLY, MICHAEL FINBARR, GB [72] KAKKAR, VIJAY VIR, GB [72] LU, XINJIE, GB [72] AUTHI, KALWANT SINGH, GB [71] TRIGEN LIMITED, GB [85] 1999-09-17 [86] 1998-03-20 (PCT/GB98/00848) [87] 1998-10-01 (WO98/42834) [30] GB (97 05787.1) 1997-03-20</p>	<p style="text-align: center;">[21] <b>2,284,098</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 27/00 6A61L 31/00</b> [25] EN [54] <b>OSTEOGENIC DEVICES AND METHODS OF USE THEREOF FOR REPAIR OF BONE</b> [54] <b>DISPOSITIFS OSTEOGENIQUES ET METHODE POUR LES UTILISER AFIN DE REPARER L'OS</b> [72] RUEGER, DAVID C., US [72] TUCKER, MARJORIE M., US [72] CHANG, AN-CHENG, US [71] STRYKER CORPORATION, US [85] 1999-09-17 [86] 1998-03-20 (PCT/US98/06043) [87] 1998-09-24 (WO98/41246) [30] US (08/822,186) 1997-03-20</p>	<p style="text-align: center;">[21] <b>2,284,460</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/48 6C08G 65/26</b> [25] EN [54] <b>NEW POLYOLS AND THEIR USE IN POLYURETHANE PREPARATION</b> [54] <b>NOUVEAUX POLYOLS ET LEUR UTILISATION DANS LA PREPARATION DE POLYURETHANE</b> [72] RAMAEL, DIRK RENE LEONIE, BE [72] PARFONDRY, ALAIN, BE [72] CHAFFANJON, PIERRE GILBERT HENRI JEAN, BE [71] HUNTSMAN ICI CHEMICALS LLC, US [85] 1999-07-07 [86] 1998-01-12 (PCT/EP98/00128) [87] 1998-08-06 (WO98/33833) [30] EP (97101408.9) 1997-01-30</p>
	<p style="text-align: center;">[21] <b>2,284,099</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/37</b> [25] EN [54] <b>DETECTION OF ENDOMETRIAL CANCER</b> [54] <b>DETECTION DU CANCER DE L'UTERUS</b> [72] QUINN, MICHAEL A., AU [72] SALAMONSEN, LOIS A., AU [72] LOPATA, ALEXANDER, AU [71] PRINCE HENRY'S INSTITUTE OF MEDICAL RESEARCH, AU [71] THE UNIVERSITY OF MELBOURNE, AU [85] 1999-09-20 [86] 1998-03-20 (PCT/AU98/00189) [87] 1998-10-01 (WO98/42865) [30] AU (PO 5736) 1997-03-20</p>	



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[21] **2,284,461**  
[13] A1  
[51] **Int.Cl. 6C08G 18/10 6C08G 18/48 6C08G 18/76**  
[25] EN  
[54] **NEW ISOCYANATE-TERMINATED PREPOLYMERS**  
[54] **NOUVEAUX PREPOLYMERES A TERMINAISONS ISOCYANATE**  
[72] CHAFFANJON, PIERRE GILBERT HENRI JEAN, BE  
[72] KOTAJI, SHPRESA, BE  
[72] HUYGENS, ERIC, BE  
[72] STROOBANTS, PETER FRANS EUGEEN MARIA, BE  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 1999-10-12  
[86] 1998-01-12 (PCT/EP98/00127)  
[87] 1998-08-13 (WO98/34972)  
[30] EP (97102067.2) 1997-02-10

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[21] **2,284,462**  
[13] A1  
[51] **Int.Cl. 6C08G 18/10 6C08G 18/48 6C08G 18/76**  
[25] EN  
[54] **ISOCYANATE COMPOSITIONS FOR LOW DENSITY POLYURETHANE FOAM**  
[54] **COMPOSITIONS D'ISOCYANATE UTILES POUR PREPARER DES MOUSSES POLYURETHANIQUES DE FAIBLE DENSITE**  
[72] SINGH, SACHCHIDA NAND, US  
[72] HOLLOWAY, JAMES, US  
[72] CARTMELL, MICHAEL JOHN, US  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 1999-07-14  
[86] 1998-02-09 (PCT/EP98/00715)  
[87] 1998-08-13 (WO98/34973)  
[30] US (60/040,292) 1997-02-11

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[21] **2,284,463**  
[13] A1  
[51] **Int.Cl. 6C07H 21/00**  
[25] EN  
[54] **A REVERSIBLE STOICHIOMETRIC PROCESS FOR CONJUGATING BIOMOLECULES**  
[54] **PROCEDE STOECHIOMETRIQUE REVERSIBLE SERVANT A LA CONJUGAISON DE BIOMOLECULES**  
[72] RUPPERT, ANDREAS, DE  
[72] KOSTER, HUBERT, US  
[71] KOSTER, HUBERT, US  
[85] 1999-08-03  
[86] 1998-02-04 (PCT/US98/02007)  
[87] 1998-08-06 (WO98/33808)  
[30] US (60/037,165) 1997-02-04

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[21] **2,284,464**  
[13] A1  
[51] **Int.Cl. 6B65D 88/34**  
[25] EN  
[54] **ASSEMBLY FOR SUPPORTING THE FLOATING ROOFS OF TANKS FOR STORING LIQUIDS**  
[54] **ENSEMBLE SUPPORT POUR TOITS FLOTTANTS DE RESERVOIRS DE STOCKAGE DE LIQUIDES**  
[72] VELLOSO PRADEL, LUIS ADOLFO, BR  
[72] WITTER, ALDYR (DECEASED), BR  
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR  
[85] 1999-08-17  
[86] 1998-02-17 (PCT/BR98/00007)  
[87] 1998-09-03 (WO98/38116)  
[30] BR (PI 9701072-3) 1997-02-25

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[21] **2,284,468**  
[13] A1  
[51] **Int.Cl. 6C07C 233/12 6C07C 233/16 6A61K 31/165 6C07D 333/24 6C07C 233/30 6C07D 333/36 6A61K 31/38 6A61K 31/395 6C07C 233/40 6C07C 233/51 6C07D 213/56**  
[25] EN  
[54] **ANTI-INFLAMMATORY COMPOUNDS**  
[54] **COMPOSES ANTI-INFLAMMATOIRES**  
[72] PAN, KEVIN, US  
[72] SCOTT, MALCOLM K., US  
[72] SANFILIPPO, PAULINE J., US  
[72] FITZPATRICK, LOUIS J., III, US  
[72] MESCHINO, JOSEPH, US  
[72] CARDOVA, RICHARD F., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL CORPORATION, US  
[85] 1999-08-26  
[86] 1998-12-29 (PCT/US98/27712)  
[87] 1999-07-08 (WO99/33786)  
[30] US (60/068,928) 1997-12-29  
[30] US (09/221,254) 1998-12-28

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[21] **2,284,470**  
[13] A1  
[51] **Int.Cl. 6C07D 401/12 6A61K 31/44**  
[25] EN  
[54] **NEW CRYSTALLINE FORM OF OMEPRAZOLE**  
[54] **NOUVELLE FORME CRISTALLINE D'OMEPRAZOLE**  
[72] SUNDÉN, GUNNEL, SE  
[72] YMÉN, INGVAR, SE  
[72] NORELAND, DAVID, SE  
[72] LOVQVIST, KARIN, SE  
[71] ASTRA AKTIEBOLAG, SE  
[85] 1999-09-21  
[86] 1998-11-10 (PCT/SE98/02028)  
[87] 1999-02-25 (WO99/08500)

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,284,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 63/00 6A61K 39/00 6A61K 45/05</b> [25] EN [54] <b>FIBROCYTE-BASED CELLULAR THERAPY FORMULATIONS</b> [54] <b>FORMULATIONS FIBROBLASTIQUES POUR THERAPIE CELLULAIRE</b> [72] BUCALA, RICHARD J., US [72] RICE, GLENN C., US [71] THE PICOWER INSTITUTE FOR MEDICAL RESEARCH, US [85] 1999-09-21 [86] 1998-03-27 (PCT/US98/06094) [87] 1998-10-08 (WO98/43482) [30] US (08/828,415) 1997-03-28</p>	<p style="text-align: right;">[21] <b>2,284,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 6/18 6F01K 23/10 6F02C 7/18</b> [25] EN [54] <b>COMBINED CYCLE ELECTRIC POWER PLANT</b> [54] <b>CENTRALE ELECTRIQUE A CYCLE COMBINE</b> [72] HIRAMOTO, KOJI, JP [72] FUKUIZUMI, YASUSHI, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-09-21 [86] 1998-01-23 (PCT/JP98/00261) [87] 1999-07-29 (WO99/37901)</p>	<p style="text-align: right;">[21] <b>2,284,479</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01M 15/00 6G01N 1/24</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SEPARATING A PARTIAL FLOW FROM A FLOW OF GASES</b> [54] <b>PROCEDE ET DISPOSITIF DE SEPARATION D'UN FLUX PARTIEL A PARTIR D'UN ECOULEMENT DE GAZ</b> [72] VAN DIJK, SYBREN, NL [71] VAN DIJK TECHNICS WORLDWIDE N.V., NL [85] 1999-09-21 [86] 1998-03-18 (PCT/NL98/00155) [87] 1998-10-01 (WO98/43061) [30] NL (1005605) 1997-03-21 [30] NL (1007885) 1997-12-23</p>
<p style="text-align: right;">[21] <b>2,284,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/02 6C08J 9/28</b> [25] EN [54] <b>POLYISOCYANATE BASED XEROGELS</b> [54] <b>XEROGELS A BASE DE POLYISOCYANATE</b> [72] BIESMANS, GUY LEON JEAN GHISLAIN, BE [72] KINNAES, ELS, BE [72] MERTENS, ANDY, BE [71] HUNTSMAN ICI CHEMICALS LLC, US [85] 1999-09-17 [86] 1998-03-02 (PCT/EP98/01150) [87] 1998-10-08 (WO98/44013) [30] EP (97105360.8) 1997-04-01</p>	<p style="text-align: right;">[21] <b>2,284,477</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/78 6C07C 49/603</b> [25] EN [54] <b>PROCESS FOR MAKING ISOPHORONE WITH IMPROVED COLOR AND COLOR STABILITY</b> [54] <b>PROCEDE DE FABRICATION D'ISOPHORONE PRESENTANT UNE QUALITE ET UNE STABILITE DE COULEUR AMELIOREES</b> [72] SCHULZ, ALAIN A., BE [72] KELKAR, CHANDRASHEKAR P., US [71] ARISTECH CHEMICAL CORPORATION, US [85] 1999-09-21 [86] 1998-11-18 (PCT/US98/24584) [87] 1999-06-10 (WO99/28283) [30] US (08/984,117) 1997-12-03</p>	<p style="text-align: right;">[21] <b>2,284,480</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 11/065 6F16K 31/143</b> [25] EN [54] <b>IMPROVED VALVE CONSTRUCTION</b> [54] <b>DISTRIBUTEUR DE CONSTRUCTION AMELIOREEE OFFRANT DES MEILLEURES CARACTERISTIQUES D'ECOULEMENT/PRESSION</b> [72] WIGMORE, RICHARD, GB [71] MEAD FLUID DYNAMICS, INC., US [85] 1999-09-02 [86] 1998-02-05 (PCT/US98/02036) [87] 1998-09-11 (WO98/39586) [30] US (08/813,696) 1997-03-07</p>
<p style="text-align: right;">[21] <b>2,284,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 9/28 6C08G 18/02</b> [25] EN [54] <b>POLYISOCYANATE BASED AEROGELS</b> [54] <b>AEROGELS A BASE DE POLYISOCYANATE</b> [72] BIESMANS, GUY LEON JEAN GHISLAIN, BE [71] HUNTSMAN ICI CHEMICALS LLC, US [85] 1999-09-17 [86] 1998-03-02 (PCT/EP98/01151) [87] 1998-10-08 (WO98/44028) [30] EP (97105359.0) 1997-04-01</p>	<p style="text-align: right;">[21] <b>2,284,478</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01C 13/04 6E04F 15/10 6A63C 19/12 6E01C 5/20</b> [25] EN [54] <b>JOINT ARRANGEMENT</b> [54] <b>SYSTEME DE JOINT</b> [72] VALTANEN, JARKKO, FI [71] VARIFORM OY., FI [85] 1999-09-21 [86] 1998-04-08 (PCT/FI98/00307) [87] 1998-10-22 (WO98/46830) [30] FI (971594) 1997-04-16</p>	<p style="text-align: right;">[21] <b>2,284,481</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/566 6G01N 33/544 6G01N 33/551 6G01N 33/552</b> [25] EN [54] <b>METHOD OF PRODUCING A SUBTRACTION LIBRARY</b> [54] <b>PROCEDE DE REALISATION D'ECHANTILLOTHEQUE SOUSTRACTIVE</b> [72] KAYNE, PAUL S., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 1999-09-21 [86] 1998-03-24 (PCT/US98/05644) [87] 1998-10-01 (WO98/43088) [30] US (60/041,688) 1997-03-24</p>

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<p style="text-align: right;">[21] <b>2,284,482</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/43 6A61K 39/00</b> [25] EN [54] <b>TREATMENT OF CARDIOMYOPATHY</b> [54] <b>TRAITEMENT DE LA CARDIOMYOPATHIE</b> [72] MCMICHAEL, JOHN, US [71] MILKHAUS LABORATORY, INC., US [85] 1999-09-03 [86] 1998-03-02 (PCT/US98/04153) [87] 1998-09-11 (WO98/39023) [30] US (08/810,725) 1997-03-04</p>	<p style="text-align: right;">[21] <b>2,284,485</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b> [25] EN [54] <b>INHALATION DEVICE</b> [54] <b>DISPOSITIF D'INHALATION</b> [72] VIRTANEN, RISTO, FI [71] ASTRA AKTIEBOLAG, SE [85] 1999-09-08 [86] 1998-03-13 (PCT/SE98/00461) [87] 1998-09-24 (WO98/41260) [30] SE (9700943-5) 1997-03-14</p>	<p style="text-align: right;">[21] <b>2,284,489</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01H 5/00 6C12N 5/14 6C12N 15/29 6C07K 14/415 6C12N 15/82</b> [25] EN [54] <b>PLANT GENES FOR SENSITIVITY TO ETHYLENE AND PATHOGENS</b> [54] <b>GENES VEGETAUX ASSOCIES A LA SENSIBILITE A L'ETHYLENE ET AUX AGENTS PATHOGENES</b> [72] ALONSO, JOSE, US [72] ECKER, JOSEPH, US [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US [85] 1999-09-08 [86] 1998-03-18 (PCT/US98/05253) [87] 1998-09-24 (WO98/41083) [30] US (08/819,288) 1997-03-18</p>
<p style="text-align: right;">[21] <b>2,284,483</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70</b> [25] EN [54] <b>MIXTURES OF AT LEAST TWO REVERSE TRANSCRIPTASE INHIBITORS AND HYDROXYCARBAMIDE, IN PARTICULAR FOR INHIBITING RETROVIRAL SPREAD</b> [54] <b>MELANGES FORMES D'AU MOINS DEUX INHIBITEURS DE TRANSCRIPTASE INVERSE ET D'HYDROXYCARBAMIDE, DESTINES EN PARTICULIER A INHIBER UNE PROPAGATION DE RETROVIRUS</b> [72] VILA, JORGE, FR [71] COMPAGNIE DE DEVELOPPEMENT AGUETTANT, FR [85] 1999-09-17 [86] 1997-03-20 (PCT/IB97/00275) [87] 1998-10-01 (WO98/42349)</p>	<p style="text-align: right;">[21] <b>2,284,486</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 25/20 6G01N 7/16</b> [25] EN [54] <b>MICROMACHINED INFERENTIAL OPTO-THERMAL GAS SENSOR</b> [54] <b>DETECTEUR DE GAZ OPTOTHERMIQUE INFERENTIEL MICRO-USINE</b> [72] WOOD, R. ANDREW, US [71] HONEYWELL INC., US [85] 1999-09-08 [86] 1998-04-28 (PCT/US98/08502) [87] 1998-11-05 (WO98/49539) [30] US (08/846,724) 1997-04-30</p>	<p style="text-align: right;">[21] <b>2,284,490</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01K 23/10 6F02C 7/18</b> [25] EN [54] <b>COMBINED CYCLE POWER PLANT</b> [54] <b>CENTRALE A CYCLE COMBINE</b> [72] YAMAMOTO, HIROYUKI, JP [72] KIMURA, HIDEO, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-09-21 [86] 1998-01-23 (PCT/JP98/00259) [87] 1999-07-29 (WO99/37890)</p>
<p style="text-align: right;">[21] <b>2,284,484</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G10L 3/00</b> [25] EN [54] <b>RECOGNITION SYSTEM</b> [54] <b>SYSTEME DE RECONNAISSANCE</b> [72] PONTING, KEITH MICHAEL, GB [72] TOMLINSON, MICHAEL JOHN, GB [72] SERIES, ROBERT WILLIAM, GB [71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT, GB [85] 1999-09-08 [86] 1998-02-24 (PCT/GB98/00593) [87] 1998-10-01 (WO98/43237) [30] GB (9706174.1) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,284,487</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01K 23/10 6F02C 7/18</b> [25] EN [54] <b>COMBINED CYCLE POWER PLANT</b> [54] <b>CENTRALE ELECTRIQUE A CYCLE MIXTE</b> [72] YAMAMOTO, HIROYUKI, JP [72] TAKAOKA, KAZUHIKO, JP [72] GOTO, SADAICHI, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-09-21 [86] 1998-01-23 (PCT/JP98/00262) [87] 1999-07-29 (WO99/37891)</p>	<p style="text-align: right;">[21] <b>2,284,491</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 6/18 6F01K 23/10 6F02C 7/18</b> [25] EN [54] <b>COMBINED CYCLE ELECTRIC POWER PLANT</b> [54] <b>FIL FRISE COMPOSITE</b> [72] YASURAOKA, JUN, JP [72] MUYAMA, AKIMASA, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-09-21 [86] 1998-01-23 (PCT/JP98/00260) [87] 1999-07-29 (WO99/37900)</p>

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[21] **2,284,492**  
[13] A1

[51] **Int.Cl. 6A01N 43/12 6C10M 173/00**  
[25] EN  
[54] **FUNGICIDAL BENZOTHIOPHENE-2-CARBOXAMIDE-S,S-DIOXIDES FOR COOLING LUBRICANTS**  
[54] **BENZOTHIOPHENE-2-CARBOXAMIDE-S,S-DIOXYDES FUNGICIDES POUR REFRIGERANTS LUBRIFIANTS**  
[72] KUNISCH, FRANZ, DE  
[72] WACHTLER, PETER, DE  
[72] KUGLER, MARTIN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-09-08  
[86] 1998-02-26 (PCT/EP98/01094)  
[87] 1998-09-17 (WO98/39968)  
[30] DE (197 09 875.4) 1997-03-11

[21] **2,284,493**  
[13] A1

[51] **Int.Cl. 6F02C 6/18 6F01K 23/10 6F02C 7/18**  
[25] EN  
[54] **COMBINED CYCLE ELECTRIC POWER PLANT**  
[54] **CENTRALE ELECTRIQUE A CYCLE MIXTE**  
[72] YASURAOKA, JUN, JP  
[72] YAMAMOTO, HIROYUKI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-09-21  
[86] 1998-01-23 (PCT/JP98/00263)  
[87] 1999-07-29 (WO99/37902)

[21] **2,284,494**  
[13] A1

[51] **Int.Cl. 6F01K 23/10 6F02C 7/18**  
[25] EN  
[54] **COMBINED CYCLE POWER PLANT**  
[54] **CENTRALE A CYCLE COMBINE**  
[72] FUKUIZUMI, YASUSHI, JP  
[72] KIMURA, HIDEO, JP  
[72] WAKAZONO, OSAMU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-09-21  
[86] 1998-01-23 (PCT/JP98/00258)  
[87] 1999-07-29 (WO99/37889)

[21] **2,284,495**  
[13] A1

[51] **Int.Cl. 6A47J 31/40**  
[25] EN  
[54] **AUTOMATIC COFFEE MAKER DE CAFE**  
[54] **DISTRIBUTEUR AUTOMATIQUE DE CAFE**  
[72] PUDDU, RAFFAELE, CH  
[72] MERKER, FRITZ, CH  
[72] KARG, ANTON, CH  
[71] EGRO AG, CH  
[85] 1999-09-10  
[86] 1997-03-13 (PCT/CH97/00105)  
[87] 1998-09-17 (WO98/39998)

[21] **2,284,496**  
[13] A1

[51] **Int.Cl. 6B60Q 1/14**  
[25] EN  
[54] **CONTROL SYSTEM TO AUTOMATICALLY DIM VEHICLE HEAD LAMPS**  
[54] **SYSTEME DE COMMANDE CONCU POUR DIMINUER AUTOMATIQUEMENT L'INTENSITE LUMINEUSE DES PHARES DE VEHICULES**  
[72] STAM, JOSEPH SCOTT, US  
[72] BECHTEL, JON HAROLD, US  
[72] ROBERTS, JOHN KING, US  
[71] GENTEX CORPORATION, US  
[85] 1999-09-21  
[86] 1998-03-26 (PCT/US98/05962)  
[87] 1998-10-08 (WO98/43850)  
[30] US (831,232) 1997-04-02

[21] **2,284,499**  
[13] A1

[51] **Int.Cl. 6B42D 15/08 6B42D 5/02 6B65D 27/34 6B65D 27/38**  
[25] EN  
[54] **ENVELOPE**  
[54] **ENVELOPPE**  
[72] SCHEGGETMAN, WIM, AU  
[71] VALDANASON CONSULTANTS PTY. LTD., AU  
[85] 1999-09-10  
[86] 1998-03-04 (PCT/AU98/00137)  
[87] 1998-09-17 (WO98/40226)  
[30] AU (PO 5542) 1997-03-10

[21] **2,284,500**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C12Q 1/68**  
[25] EN  
[54] **METHODS TO SCREEN FOR TRANSCRIPTION FACTOR-COACTIVATOR INTERACTIONS**  
[54] **PROCEDES PERMETTANT DE RECHERCHER PAR CRIBLAGE DES INTERACTIONS ENTRE COACTIVATEUR ET FACTEUR DE TRANSCRIPTION**  
[72] KUSHNER, PETER J., US  
[72] WEBB, PAUL, US  
[72] UHT, ROSALIE M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-09-21  
[86] 1998-04-02 (PCT/US98/06307)  
[87] 1998-10-15 (WO98/45423)  
[30] US (60/043,059) 1997-04-04

[21] **2,284,501**  
[13] A1

[51] **Int.Cl. 6C07D 501/38 6C07D 295/20 6A61K 31/545**  
[25] EN  
[54] **ANTIBACTERIAL SUBSTITUTED 7-ACYLAMINO -3-(METHYLHYDRAZONO) METHYL-CEPHALOSPORINS AND INTERMEDIATES**  
[54] **CEPHALOSPORINES ANTIBACTERIENNES DE 7-ACYLAMINO -3-METHYLHYDRAZONOMETHYLE SUBSTITUE ET INTERMEDIAIRES**  
[72] WIESER, JOSEF, AT  
[72] SCHRANZ, MICHAEL, AT  
[72] HILDEBRANDT, JOHANNES, AT  
[72] LUDESCHER, JOHANNES, AT  
[72] ASCHER, GERD, AT  
[71] BIOCHEMIE GESELLSCHAFT MBH, AT  
[85] 1999-09-21  
[86] 1998-04-01 (PCT/EP98/01890)  
[87] 1998-10-08 (WO98/43981)  
[30] AT (A 546/97) 1997-04-01  
[30] AT (A 547/97) 1997-04-01  
[30] AT (A 548/97) 1997-04-01

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,284,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 47/34</b> [25] EN [54] <b>STOPPER/PUSHER FOR HANDLING PAPER ROLLS</b> [54] <b>DISPOSITIF BUTOIR/POUSSOIR POUR MANIPULER LES ROULEAUX DE PAPIERS</b> [72] HILLO, MAURI, FI [71] VALMET CORPORATION, FI [85] 1999-09-10 [86] 1998-03-11 (PCT/FI98/00215) [87] 1998-09-24 (WO98/41461) [30] FI (971109) 1997-03-14</p>	<p style="text-align: right;">[21] <b>2,284,506</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/46 6C07B 53/00 6C07F 15/00 6C07C 35/28 6C07F 9/6553</b> [25] EN [54] <b>CHIRAL PHOSPHORUS-BASED LIGANDS</b> [54] <b>LIGANDS A BASE DE PHOSPHORE CHIRAL</b> [72] ROBERTS, STANLEY MICHAEL, GB [72] BERENS, ULRICH, GB [72] PALMER, CHRISTOPHER, GB [71] CHIROTECH TECHNOLOGY LIMITED, GB [85] 1999-09-21 [86] 1998-05-29 (PCT/GB98/01573) [87] 1998-12-03 (WO98/54193) [30] GB (9711201.5) 1997-05-30 [30] GB (9711670.1) 1997-06-05 [30] GB (9803022.4) 1998-02-12</p>	<p style="text-align: right;">[21] <b>2,284,513</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47J 42/50 6A47J 42/16 6A47J 42/18</b> [25] EN [54] <b>DEVICE FOR PREPARING COFFEE POWDER</b> [54] <b>DISPOSITIF POUR PRODUIRE DE LA POUDDRE DE CAFE</b> [72] KARG, ANTON, CH [72] PUDDU, RAFFAELE, CH [71] EGRO AG, CH [85] 1999-09-10 [86] 1997-03-13 (PCT/CH97/00106) [87] 1998-09-17 (WO98/40000)</p>
<p style="text-align: right;">[21] <b>2,284,503</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 13/16</b> [25] EN [54] <b>ENCAPSULATION PROCESS AND ENCAPSULATED PRODUCTS</b> [54] <b>PROCEDE D'ENCAPSULATION ET PRODUITS ENCAPSULES</b> [72] SENGUPTA, ASHOK, US [72] NIELSEN, KENT E., US [72] LI, KAI, US [72] BARINSHTEYN, GALINA, US [71] THE MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-09-21 [86] 1998-03-06 (PCT/US98/04461) [87] 1998-10-15 (WO98/45036) [30] US (08/834,937) 1997-04-07</p>	<p style="text-align: right;">[21] <b>2,284,508</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41F 35/00</b> [25] EN [54] <b>A METHOD AND A PUMPING UNIT FOR SUPPLYING PRINTING INK AND CLEANING LIQUID TO A PRINTING UNIT</b> [54] <b>PROCEDE ET UNITE DE POMPAGE DESTINES A FOURNIR DE L'ENCRE D'IMPRESSION ET DU LIQUIDE DE NETTOYAGE A UNE IMPRIMANTE</b> [72] LEIMAND, HENRIK, DK [71] TRESU A/S, DK [85] 1999-09-10 [86] 1998-03-24 (PCT/DK98/00115) [87] 1998-10-01 (WO98/42511) [30] DK (0335/97) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,514</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/00 6C07H 19/00 6C07H 21/04 6G01N 33/53</b> [25] EN [54] <b>DNA MOLECULE ENCODING FOR CELLULAR UPTAKE OF MYCOBACTERIUM TUBERCULOSIS AND USES THEREOF</b> [54] <b>MOLECULE D'ADN CODANT L'ABSORPTION CELLULAIRE DE MYCOBACTERIUM TUBERCULOSIS ET UTILISATION DE CETTE DERNIERE</b> [72] RILEY, LEE W., US [71] CORNELL RESEARCH FOUNDATION, INC., US [85] 1999-09-10 [86] 1998-03-09 (PCT/US98/04653) [87] 1998-09-17 (WO98/40098) [30] US (60/040,097) 1997-03-10 [30] US (08/907,229) 1997-08-06</p>
<p style="text-align: right;">[21] <b>2,284,505</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 1/38</b> [25] EN [54] <b>MICROSTRIP ARRAY ANTENNA</b> [54] <b>ANTENNE RESEAU A MICRORUBANS</b> [72] LEE, SAE CHOON, US [71] SOUTHERN METHODIST UNIVERSITY, US [85] 1999-09-10 [86] 1997-07-29 (PCT/US97/13308) [87] 1998-09-17 (WO98/40928) [30] US (08/816,357) 1997-03-13</p>	<p style="text-align: right;">[21] <b>2,284,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62C 35/00 6A62C 13/70</b> [25] EN [54] <b>FIRE EXTINGUISHER</b> [54] <b>EXTINCTEUR</b> [72] RIAD, NADER, EG [72] PELZEL, WOLFGANG, DE [71] BAVARIA EGYPT (S.A.E.), EG [85] 1999-09-10 [86] 1998-03-10 (PCT/DE98/00725) [87] 1998-09-17 (WO98/40125) [30] DE (197 10 300.6) 1997-03-13</p>	

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<p>[51] <b>Int.Cl. 6C10G 70/04</b> [25] EN [54] <b>OLEFIN PURIFICATION BY ADSORPTION OF ACETYLENICS AND REGENERATION OF ADSORBENT</b> [54] <b>PURIFICATION D'OLEFINES PAR ABSORPTION D'IMPURETES ACETYLENIQUES ET REGENERATION D'ADSORBANT</b> [72] KAMINSKY, MARK P., US [72] PEI, SHIYOU, US [72] WILSAK, RICHARD A., US [72] WHITTAKER, ROBERT C., US [71] BP AMOCO CORPORATION, US [85] 1999-09-10 [86] 1998-02-26 (PCT/US98/03860) [87] 1998-09-17 (WO98/40450) [30] US (60/040,383) 1997-03-10 [30] US (60/046,339) 1997-05-13 [30] US (09/022,651) 1998-02-12</p>	<p>[51] <b>Int.Cl. 6B29C 47/50</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MOLDING OF POLYESTER ARTICLES DIRECTLY FROM A MELT</b> [54] <b>APPAREIL ET PROCEDE DE MOULAGE D'ARTICLES EN POLYESTER DIRECTEMENT A PARTIR D'UNE MATIERE FONDUE</b> [72] CARROLL, MAX LAMAR JR., US [72] SHELBY, MARCUS DAVID, US [72] EKART, MICHAEL PAUL, US [72] OLSEN, ERIC GRAY, US [72] TREECE, LANNEY CALVIN, US [71] EASTMAN CHEMICAL COMPANY, US [85] 1999-09-10 [86] 1998-03-19 (PCT/US98/05403) [87] 1998-09-24 (WO98/41381) [30] US (60/041,056) 1997-03-20 [30] US (08/957,576) 1997-10-24</p>	<p>[51] <b>Int.Cl. 6A61F 7/00</b> [25] EN [54] <b>IMPROVED APPARATUS AND METHOD FOR THE CORE BODY WARMING OF MAMMALS EXPERIENCING HYPOTHERMIA</b> [54] <b>APPAREIL ET PROCEDE AMELIORES POUR LE RECHAUFFEMENT PROFOND DU CORPS DE MAMMIFERES SOUFFRANT D'HYPOTHERMIE</b> [72] GRAHN, DENNIS A., US [72] CHANDLER, W. JEFFREY, US [72] KANE, JOHN R., US [71] AQUARIUS MEDICAL CORPORATION, US [85] 1999-09-10 [86] 1998-03-10 (PCT/US98/04648) [87] 1998-09-17 (WO98/40039) [30] US (08/813,277) 1997-03-10</p>
[21] <b>2,284,516</b> [13] A1	[21] <b>2,284,518</b> [13] A1	[21] <b>2,284,520</b> [13] A1
<p>[51] <b>Int.Cl. 6E21B 17/07</b> [25] EN [54] <b>ROTARY AND LONGITUDINAL SHOCK ABSORBER FOR DRILLING</b> [54] <b>AMORTISSEUR DE FORAGE ROTATIF ET LONGITUDINAL</b> [72] ANDERSON, EDWIN A., US [71] ANDERSON, EDWIN A., US [85] 1999-09-10 [86] 1998-03-11 (PCT/US98/04750) [87] 1998-09-17 (WO98/40599) [30] US (60/040,963) 1997-03-12</p>	<p>[51] <b>Int.Cl. 6C12N 15/13 6C12N 5/20 6C07K 16/28 6A61K 39/395 6G01N 33/577 6G01N 33/68</b> [25] EN [54] <b>ANTI-ALPHABETA3 HUMANIZED MONOCLONAL ANTIBODIES</b> [54] <b>ANTICORPS MONOCLONAUX HUMANISES ANTI-ALPHABETA3</b> [72] JONAK, ZDENKA L., US [72] JOHANSON, KYUNG O., US [72] TAYLOR, ALEXANDER H., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 1999-09-10 [86] 1998-03-12 (PCT/US98/04987) [87] 1998-09-17 (WO98/40488) [30] US (60/039,609) 1997-03-12</p>	<p>[51] <b>Int.Cl. 6D21C 9/16</b> [25] EN [54] <b>BLEACHING AND DELIGNIFYING CELLULOSE USING CAROATE/CARO'S ACID AND PRODUCTION OF SAME</b> [54] <b>BLANCHIMENT ET DELIGNIFICATION DE CELLULOSE PAR CAROATES/ACIDE DE CARO ET PRODUCTION DE CES DERNIERS</b> [72] SEBB, WERNER, DE [72] GUTEWORT, SVEN, DE [72] DORN, MAXIMILIAN, DE [72] GNANN, MICHAEL, DE [71] PEROXID-CHEMIE GMBH &amp; CO. KG, DE [85] 1999-09-20 [86] 1998-03-19 (PCT/EP98/01622) [87] 1998-10-01 (WO98/42911) [30] DE (197 11 929.8) 1997-03-21 [30] DE (198 03 001.0) 1998-01-27</p>

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[21] **2,284,521**  
[13] A1  
[51] **Int.Cl. 6C07C 41/54 6C07C 43/303**  
[25] EN  
[54] **METHOD FOR PRODUCING ACETALS**  
[54] **PROCEDE DE PRODUCTION D'ACETALS**  
[72] KANAND, JURGEN, DE  
[72] PACIELLO, ROCCO, DE  
[72] ROPER, MICHAEL, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-09-13  
[86] 1998-03-06 (PCT/EP98/01326)  
[87] 1998-09-24 (WO98/41493)  
[30] DE (19710993.4) 1997-03-17

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[21] **2,284,522**  
[13] A1  
[51] **Int.Cl. 6A47L 9/06**  
[25] EN  
[54] **CONTINUOUS WEB CLEANER**  
[54] **NETTOYEUR DE BANDES CONTINUES DE PAPIER**  
[72] DEROSA, RICHARD D., US  
[71] DEROSA, RICHARD D., US  
[85] 1999-09-13  
[86] 1998-03-13 (PCT/US98/05076)  
[87] 1998-09-17 (WO98/40003)  
[30] US (08/816,871) 1997-03-13

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[21] **2,284,523**  
[13] A1  
[51] **Int.Cl. 6B29C 41/06 6B29C 41/52**  
[25] EN  
[54] **ROTATIONAL MOLDING APPARATUS USING INFRARED THERMOMETRY FEEDBACK**  
[54] **APPAREIL DE MOULAGE ROTATIF UTILISANT UN RETOUR DE THERMOMETRIE A INFRAROUGE**  
[72] NUGENT, PAUL J., US  
[71] REMCON PLASTICS, INC., US  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/US98/05423)  
[87] 1998-10-01 (WO98/42487)  
[30] US (60/039,382) 1997-03-21

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[21] **2,284,525**  
[13] A1  
[51] **Int.Cl. 6C07D 307/20 6C07D 315/00 6C07D 309/38 6C07D 311/76 6C07D 307/88**  
[25] EN  
[54] **INHIBITORS OF CHOLESTEROL ESTERASE**  
[54] **INHIBITEURS DE LA CHOLESTEROL ESTERASE**  
[72] DECK, LORRAINE, US  
[72] VANDER JAGT, DAVID L., US  
[71] THE UNIVERSITY OF NEW MEXICO, US  
[85] 1999-09-13  
[86] 1998-04-15 (PCT/US98/07263)  
[87] 1998-10-22 (WO98/46585)  
[30] US (60/041,988) 1997-04-16

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[21] **2,284,526**  
[13] A1  
[51] **Int.Cl. 6A47J 31/08**  
[25] EN  
[54] **FILTERING DEVICE, FILTERING ELEMENT AND METHOD FOR PRODUCING SAID FILTERING ELEMENT FOR MAKING BOILED BEVERAGES**  
[54] **DISPOSITIF FILTRANT, ELEMENT FILTRANT ET PROCEDE DE FABRICATION DE L'ELEMENT FILTRANT SERVANT A LA PREPARATION DE BOISSONS INFUSEES**  
[72] GLIEMROTH, FRANK, DE  
[72] EMMERICH, HORST, DE  
[72] FRIEDRICH, DIETER, DE  
[72] STUCHER, REINHARD, DE  
[72] KLEEMANN, CHRISTOF, DE  
[72] FRANKE, HELMUT, DE  
[72] ZIESCH, CHRISTIAN, DE  
[72] BIELFELDT, UWE, DE  
[72] TREBITZ, BERND, DE  
[71] BRAUN GMBH, DE  
[85] 1999-09-14  
[86] 1997-03-14 (PCT/EP97/01294)  
[87] 1998-09-24 (WO98/41131)

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[13] A1  
[51] **Int.Cl. 6B60R 16/02**  
[25] EN  
[54] **VEHICLE WIRELESS SWITCHING SYSTEM**  
[54] **SYSTEME DE COMMUTATION SANS FIL POUR VEHICULE**  
[72] RODDY, TIMOTHY S., US  
[72] KULCZYCKI, JEFFREY L., US  
[72] DOWD, JAMES D., US  
[71] LEAR AUTOMOTIVE DEARBORN, INC., US  
[85] 1999-09-14  
[86] 1998-02-27 (PCT/US98/03837)  
[87] 1998-10-08 (WO98/44470)  
[30] US (825,322) 1997-03-28

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[21] **2,284,529**  
[13] A1  
[51] **Int.Cl. 6G09B 3/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR EVALUATING RATERS OF SCORING CONSTRUCTED RESPONSES TO TEST QUESTIONS**  
[54] **SYSTEME ET PROCEDE D'EVALUATION DE NOTEURS NOTANT DES REPNSES CONSTRUITES A DES QUESTIONS TESTS**  
[72] ROMANO, FRANK J., US  
[72] FARNUM, MARISA D., US  
[72] GRANT, MARK, US  
[71] EDUCATIONAL TESTING SERVICE, US  
[85] 1999-09-14  
[86] 1998-03-20 (PCT/US98/05803)  
[87] 1998-10-01 (WO98/43222)  
[30] US (60/044,319) 1997-03-21  
[30] US (60/061,781) 1997-10-10

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<p style="text-align: right;">[21] <b>2,284,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TRACKING CLIENT INTERACTION WITH A NETWORK RESOURCE AND CREATING CLIENT PROFILES AND RESOURCE DATABASE</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT LE SUIVI DE L'INTERACTION ENTRE UN SYSTEME CLIENT ET UNE RESSOURCE RESEAU ET LA CREATION DE PROFILS CLIENTS ET D'UNE BASE DE DONNEES DE RESSOURCES</b> [72] JAIN, VIDYUT, US [72] DAVIS, OWEN, US [71] THE THINKING MEDIA CORPORATION, US [85] 1999-09-20 [86] 1998-03-20 (PCT/US98/05491) [87] 1998-10-01 (WO98/43380) [30] US (08/821,534) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,532</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/403 6G01N 27/49</b> [25] EN [54] <b>IMPROVED ELECTROCHEMICAL CELL</b> [54] <b>CELLULE ELECTROCHIMIQUE PERFECTIONNEE</b> [72] MAXWELL, IAN ANDREW, AU [72] HODGES, ALASTAIR McINDOE, AU [72] BECK, THOMAS WILLIAM, AU [71] USF FILTRATION AND SEPARATIONS GROUP INC., US [85] 1999-09-20 [86] 1998-03-25 (PCT/AU98/00200) [87] 1998-10-01 (WO98/43074) [30] AU (PO5857) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,284,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41F 19/06</b> [25] EN [54] <b>HOT FOIL PRINTING MACHINE</b> [54] <b>PRESSE D'IMPRESSION A CHAUD</b> [72] SMITH, STEVEN, GB [71] ARTFOIL GRAPHIC MACHINERY LIMITED, GB [85] 1999-09-20 [86] 1999-01-19 (PCT/GB99/00039) [87] 1999-07-29 (WO99/37483) [30] GB (9801136.4) 1998-01-21</p>
<p style="text-align: right;">[21] <b>2,284,531</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/653</b> [25] EN [54] <b>MICROBICIDAL COMBINATIONS OF PROPICONAZOLE WITH DODECYLAMINE OR A DODECYLAMINE SALT</b> [54] <b>COMBINAISONS MICROBICIDES DE PROPICONAZOLE ET DE DODECYLAMINE OU D'UN SEL DE DODECYLAMINE</b> [72] JAQUESS, PERCY A., US [72] OPPONG, DAVID, US [72] DEL CORRAL, L. FERNANDO, US [72] ELLIS, SHELDON M., US [71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US [85] 1999-09-20 [86] 1998-03-02 (PCT/US98/03975) [87] 1998-10-01 (WO98/42190) [30] US (08/821,912) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/05</b> [25] EN [54] <b>INTRABODY MEASUREMENT</b> [54] <b>MESURE INTRACORPORELLE</b> [72] MAIER, FENSTER, IL [72] BEN-HAIM, SHLOMO, IL [71] BIOSENSE, INC., US [85] 1999-09-20 [86] 1998-01-22 (PCT/IL98/00032) [87] 1999-07-29 (WO99/37208)</p>	<p style="text-align: right;">[21] <b>2,284,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 61/12</b> [25] EN [54] <b>CONDUCTIVE POLYMERS AND PROCESSES FOR THEIR PREPARATION</b> [54] <b>POLYMERES CONDUCTEURS ET PROCEDES DE PREPARATION ASSOCIES</b> [72] DAVIS, REGINALD, GB [72] BUDD, DARREN, GB [72] FOOT, PETER JONATHAN SAMUEL, GB [71] BAXENDEN CHEMICALS LIMITED, GB [85] 1999-09-20 [86] 1997-03-18 (PCT/GB97/00742) [87] 1998-09-24 (WO98/41555)</p>
<p style="text-align: right;">[21] <b>2,284,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01T 7/00 6G01T 1/167</b> [25] EN [54] <b>A PROCEDURE TO MEASURE THE RADIOACTIVITY OF RADIOACTIVE MATERIAL ENCLOSED IN A CONTAINER</b> [54] <b>PROCEDURE POUR MESURER LA RADIOACTIVITE D'UN MATERIAU RADIOACTIF ENFERME DANS UN CONTENEUR</b> [72] TERRANI, MARIO, IT [72] SANDRELLI, GIANCARLO, IT [72] BORIOLI, ENRICO, IT [72] CESANA, ALESSANDRA, IT [71] ENEL S.P.A., IT [85] 1999-09-20 [86] 1998-03-06 (PCT/EP98/01318) [87] 1998-10-01 (WO98/43115) [30] IT (MI97A000659) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 9/05</b> [25] EN [54] <b>DEVICE FOR FIXING ELECTRICAL LINES</b> [54] <b>DISPOSITIF POUR LA FIXATION DE LIGNES ELECTRIQUES</b> [72] FEKETITSCH, HERBERT, DE [71] JACOB GMBH ELEKTROTECHNISCHE FABRIK, DE [85] 1999-09-20 [86] 1998-04-07 (PCT/DE98/00983) [87] 1998-10-22 (WO98/47203) [30] DE (197 15 070.5) 1997-04-11</p>	



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[21] **2,284,538**  
[13] A1

[51] **Int.Cl. 6G02F 1/15 6C09K 9/02 6B60R 1/08**  
[25] EN  
[54] **AN IMPROVED ELECTROCHROMIC MEDIUM CAPABLE OF PRODUCING A PRE-SELECTED COLOR**  
[54] **MILIEU ELECTROCHROMIQUE PERFECTIONNEE CAPABLE DE PRODUIRE UNE COULEUR PRESELECTIONNEE**  
[72] BAUMANN, KELVIN L., US  
[72] BYKER, HARLAN J., US  
[72] GUARR, THOMAS F., US  
[72] SIEGRIST, KATHY E., US  
[72] THEISTE, DAVID A., US  
[72] WINKLE, DERICK D., US  
[71] GENTEX CORPORATION, US  
[85] 1999-09-20  
[86] 1998-03-26 (PCT/US98/05997)  
[87] 1998-10-08 (WO98/44384)  
[30] US (832,596) 1997-04-02

[21] **2,284,539**  
[13] A1

[51] **Int.Cl. 6G02F 1/157 6C09K 9/02 6B60R 1/04**  
[25] EN  
[54] **AN ELECTROCHROMIC MIRROR WITH TWO THIN GLASS ELEMENTS AND A GELLED ELECTROCHROMIC MEDIUM**  
[54] **RETROVISEUR ELECTROCHROMIQUE COMPORTANT DEUX ELEMENTS EN VERRE MINCE ET UN SUPPORT ELECTROCHROMIQUE GELIFIE**  
[72] ASH, KEVIN L., US  
[72] TONAR, WILLIAM L., US  
[72] BAUER, FREDERICK T., US  
[71] GENTEX CORPORATION, US  
[85] 1999-09-20  
[86] 1998-03-26 (PCT/US98/05940)  
[87] 1998-10-08 (WO98/44386)  
[30] US (834,783) 1997-04-02

[21] **2,284,540**  
[13] A1

[51] **Int.Cl. 6F01L 1/18 6B21D 19/00 6B21D 53/84**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A ROCKER ARM**  
[54] **PROCEDE SERVANT A FABRIQUER UN CULBUTEUR**  
[72] SMITH, WALLACE E., US  
[72] CUTSHALL, MARK L., US  
[71] E & E MANUFACTURING COMPANY, INC., US  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/US98/05633)  
[87] 1998-09-24 (WO98/41740)  
[30] US (60/041,426) 1997-03-20  
[30] US (040,838) 1998-03-18

[21] **2,284,541**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A61K 39/10 6A61K 39/106 6A61K 39/108**  
[25] EN  
[54] **DETOXIFIED MUTANTS OF BACTERIAL ADP-RIBOSYLATING TOXINS AS PARENTERAL ADJUVANTS**  
[54] **MUTANTS DETOXIQUES DE TOXINES BACTERIENNES RIBOLYSANT DE L'ADP UTILISES COMME ADJUVANTS PARENTERAUX**  
[72] BARCHFELD, GAIL, US  
[72] DEL GIUDICE, GIUSEPPE, IT  
[72] RAPPUOLI, RINO, IT  
[71] CHIRON CORPORATION, US  
[85] 1999-09-20  
[86] 1998-03-19 (PCT/US98/05454)  
[87] 1998-10-01 (WO98/42375)  
[30] US (60/041,227) 1997-03-21  
[30] US (09/044,696) 1998-03-18

[21] **2,284,542**  
[13] A1

[51] **Int.Cl. 6G02F 1/153**  
[25] EN  
[54] **ELECTROCHROMIC REARVIEW MIRROR INCORPORATING A THIRD SURFACE METAL REFLECTOR**  
[54] **MIROIR ELECTROCHROMIQUE DE RETROVISEE INCORPORANT UN REFLECTEUR METALLIQUE SUR SA TROISIEME SURFACE**  
[72] FORGETTE, JEFFREY A., US  
[72] BYKER, HARLAN J., US  
[72] BAUER, FREDERICK T., US  
[72] TONAR, WILLIAM L., US  
[71] GENTEX CORPORATION, US  
[85] 1999-09-20  
[86] 1998-03-26 (PCT/US98/05989)  
[87] 1998-10-08 (WO98/44385)  
[30] US (832,587) 1997-04-02

[21] **2,284,543**  
[13] A1

[51] **Int.Cl. 6A01N 33/12 6A01N 37/34 6A01N 43/40**  
[25] EN  
[54] **BIOCIDAL COMPOSITION AND USE**  
[54] **BIOCIDE ET SES UTILISATIONS**  
[72] CASH, HOWARD A., US  
[72] PATERSON, DONALD J., US  
[71] BETZDEARBORN INC., US  
[85] 1999-09-20  
[86] 1998-02-05 (PCT/US98/02127)  
[87] 1998-09-24 (WO98/41088)  
[30] US (08/821,746) 1997-03-20

[21] **2,284,544**  
[13] A1

[51] **Int.Cl. 6B29C 33/38**  
[25] EN  
[54] **METHOD FOR MODIFYING PAPERMAKING SLUDGE AND PRODUCTS MADE THEREFROM**  
[54] **PROCEDE DE MODIFICATION DES BOUES DE PAPETERIE ET PRODUITS AINSI OBTENUS**  
[72] HOLLENBERG, DAVID HENRY, US  
[72] TANNER, JAMES JAY, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-09-21  
[86] 1998-03-27 (PCT/US98/06172)  
[87] 1998-10-15 (WO98/45102)  
[30] US (08/841,960) 1997-04-08  
[30] US (08/906,249) 1997-08-05

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,284,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10M 137/04 6C10M 173/02</b> [25] EN [54] <b>METAL FORMING LUBRICANT WITH DIFFERENTIAL SOLID LUBRICANTS</b> [54] <b>LUBRIFIANT POUR FORMAGE DES METAUX A BASE DE LUBRIFIANTS SOLIDES SPECIFIQUES</b> [72] STORK, DAVID J., US [71] STORK, DAVID J., US [85] 1999-09-21 [86] 1998-03-26 (PCT/US98/05882) [87] 1998-10-01 (WO98/42809) [30] US (08/824,320) 1997-03-26</p>	<p style="text-align: center;">[21] <b>2,284,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/17</b> [25] EN [54] <b>THE USE OF PROTEINS EXTRACTABLE FROM ANIMAL ORGANS FOR THE PREPARATION OF MEDICAMENTS FOR THE TREATMENT OF PATHOLOGICAL CONDITIONS CHARACTERIZED BY HYPERPRODUCTION OF TUMOR NECROSIS FACTOR (TNF)</b> [54] <b>UTILISATION DE PROTEINES EXTRAITES D'ORGANES D'ANIMAUX POUR LA PREPARATION DE MEDICAMENTS POUR TRAITER LES PATHOLOGIES CARACTERISEES PAR UNE HYPERPRODUCTION DE FACTEUR DE NECROSE DES TUMEURS (TNF)</b> [72] MERONI, PIER LUIGI, IT [72] BARTORELLI, ALBERTO, IT [72] PANERAI, ALBERTO, IT [71] ZETESIS S.P.A., IT [85] 1999-09-23 [86] 1998-03-16 (PCT/EP98/01516) [87] 1998-10-01 (WO98/42366) [30] IT (MI97A000694) 1997-03-25</p>	<p style="text-align: center;">[21] <b>2,284,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/00</b> [25] EN [54] <b>87 HUMAN SECRETED PROTEINS</b> [54] <b>87 PROTEINES HUMAINES SECRETEES</b> [72] FERRIE, ANN M., US [72] GREENE, JOHN M., US [72] YOUNG, PAUL, US [72] SHI, YANGGU, US [72] NI, JIAN, US [72] FLORENCE, KIMBERLEY A., US [72] HU, JING-SHAN, US [72] OLSEN, HENRIK S., US [72] LAFLEUR, DAVID W., US [72] EBNER, REINHARD, US [72] DUAN, ROXANNE D., US [72] RUBEN, STEVEN M., US [72] ROSEN, CRAIG A., US [72] MOORE, PAUL A., US [72] BREWER, LAURIE A., US [71] HUMAN GENOME SCIENCES, INC., US [85] 1999-09-21 [86] 1998-03-19 (PCT/US98/05311) [87] 1998-10-01 (WO98/42738) [30] US (60/041,281) 1997-03-21 [30] US (60/041,276) 1997-03-21 [30] US (60/042,344) 1997-03-21 [30] US (60/041,277) 1997-03-21 [30] US (60/048,355) 1997-05-30 [30] US (60/048,096) 1997-05-30 [30] US (60/048,351) 1997-05-30 [30] US (60/048,154) 1997-05-30 [30] US (60/048,160) 1997-05-30 [30] US (60/048,069) 1997-05-30 [30] US (60/048,131) 1997-05-30 [30] US (60/048,186) 1997-05-30 [30] US (60/048,095) 1997-05-30 [30] US (60/048,187) 1997-05-30 [30] US (60/048,099) 1997-05-30 [30] US (60/050,937) 1997-05-30 [30] US (60/048,352) 1997-05-30 [30] US (60/048,135) 1997-05-30 [30] US (60/048,188) 1997-05-30 [30] US (60/048,094) 1997-05-30 [30] US (60/048,350) 1997-05-30 [30] US (60/054,804) 1997-08-05 [30] US (60/056,370) 1997-08-19 [30] US (60/060,862) 1997-10-02</p>
<p style="text-align: center;">[21] <b>2,284,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 53/70 6B01D 53/72</b> [25] EN [54] <b>PROCESS FOR THE REMOVAL OF CONTAMINANTS FROM A GAS, USING A GAS CLEANING AGENT</b> [54] <b>PROCEDE D'ENLEVEMENT DE CONTAMINANTS A PARTIR D'UN GAZ, AU MOYEN D'UN AGENT DE NETTOYAGE DE GAZ</b> [72] DE VRIES, CORNELIS, NL [71] GEMEENTE AMSTERDAM GEMEENTELIJKE DIENST AFVALVERMERKING, NL [85] 1999-09-20 [86] 1998-03-17 (PCT/NL98/00153) [87] 1998-09-24 (WO98/41310) [30] NL (1005578) 1997-03-20</p>	<p style="text-align: center;">[21] <b>2,284,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 29/02</b> [25] EN [54] <b>AN APPARATUS FOR TREATMENT OF THE FEMALE PELVIC FLOOR</b> [54] <b>DISPOSITIF SERVANT A TRAITER LA STRUCTURE PERINEALE CHEZ LA FEMME</b> [72] CHRISTENSEN, JANE NOGLEBAEK, DK [71] CHRISTENSEN, JANE NOGLEBAEK, DK [85] 1999-09-21 [86] 1998-03-26 (PCT/DK98/00127) [87] 1998-10-01 (WO98/42400) [30] DK (0356/97) 1997-03-26</p>	
<p style="text-align: center;">[21] <b>2,284,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 5/107 6A61K 38/07</b> [25] EN [54] <b>MU-OPIATE RECEPTOR PEPTIDES</b> [54] <b>PEPTIDES RECEPTEURS DU MU-OPIATE</b> [72] HACKLER, LASZLO, US [72] ZADINA, JAMES E., US [72] KASTIN, ABBA J., US [71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US [85] 1999-09-24 [86] 1998-03-24 (PCT/US98/05719) [87] 1998-10-01 (WO98/42732) [30] US (08/824,109) 1997-03-25</p>		

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<p style="text-align: right;">[21] <b>2,284,551</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/55</b> [25] EN [54] <b>NEW THERAPEUTIC COMBINATIONS OF MIRTAZAPINE AND ANTIPSYCHOTIC AGENTS, FOR THE TREATMENT OR PROPHYLAXIS OF PSYCHOTIC DISORDERS</b> [54] <b>NOUVELLES COMBINAISONS THERAPEUTIQUES DE MIRTAZAPINE ET D'AGENTS ANTI-PSYCHOTIQUES POUR LE TRAITEMENT OU LA PROPHYLAXIE DE MALADIES PSYCHOTIQUES</b> [72] BROEKKAMP, CHRISTOPHORUS LOUIS EDUARD, NL [72] BERENDSEN, HERMANUS HENRICUS GERARDUS, NL [72] PINDER, ROGER MARTIN, NL [71] AKZO NOBEL N.V., NL [85] 1999-09-20 [86] 1998-03-25 (PCT/EP98/01920) [87] 1998-10-08 (WO98/43646) [30] EP (97200881.7) 1997-03-27 [30] EP (97202785.8) 1997-09-11</p>	<p style="text-align: right;">[21] <b>2,284,553</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/02 6A61B 5/16</b> [25] EN [54] <b>METHOD FOR DIAGNOSING PSYCHIATRIC DISORDERS</b> [54] <b>METHODE DE DIAGNOSTIC DE TROUBLES PSYCHIATRIQUES</b> [72] STAMPFFER, HANS GEORGE, AU [71] HEARTLINK WORLD PATENT CORPORATION, BB [85] 1999-09-21 [86] 1998-04-14 (PCT/AU98/00252) [87] 1998-10-22 (WO98/46128) [30] AU (PO 6166) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,284,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10L 1/22 6C10L 10/00 6C10L 1/14</b> [25] EN [54] <b>FUEL OIL COMPOSITIONS</b> [54] <b>COMPOSITIONS FUEL-OIL</b> [72] GRUNDY, MICHAEL JOHN, GB [72] PEARSON, MICHAEL, GB [71] INFINEUM HOLDINGS BV, NL [85] 1999-09-21 [86] 1998-03-20 (PCT/EP98/01895) [87] 1998-10-01 (WO98/42808) [30] EP (97301931.8) 1997-03-21</p>
<p style="text-align: right;">[21] <b>2,284,552</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12P 19/32</b> [25] EN [54] <b>DETECTION OF NUCEIC ACIDS BY MULTIPLE SEQUENTIAL INVASIVE CLEAVAGES</b> [54] <b>DETECTION D'ACIDES NUCLEIQUES PAR CLIVAGES SEQUENTIELS INVASIFS MULTIPLES</b> [72] HALL, JEFF G., US [72] BROW, MARY ANN D., US [72] KWIATKOWSKI, ROBERT W., US [72] VAVRA, STEPHANIE H., US [72] MAST, ANDREA L., US [72] LYAMICHEV, VICTOR I., US [71] THIRD WAVE TECHNOLOGIES, INC., US [85] 1999-09-23 [86] 1998-03-24 (PCT/US98/05809) [87] 1998-10-01 (WO98/42873) [30] US (08/823,516) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04 6H04L 12/24</b> [25] EN [54] <b>PLANNING SYSTEM FOR BROADBAND MULTI-SERVICE CONNECTIONS</b> [54] <b>SYSTEME DE PLANIFICATION POUR CONNEXIONS MULTISERVICES A BANDE LARGE</b> [72] TUNNICLIFFE, ANDREW J., GB [72] HAYBALL, CLIVE COLIN, GB [72] BRAGG, NIGEL LAWRENCE, GB [72] ROSS, NIALL FORBES, GB [71] NORTEL NETWORKS CORPORATION, CA [85] 1999-09-20 [86] 1998-03-26 (PCT/GB98/00923) [87] 1998-10-22 (WO98/47307) [30] GB (9707398.5) 1997-04-11 [30] US (08/921,649) 1997-08-27</p>	<p style="text-align: right;">[21] <b>2,284,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 5/00</b> [25] EN [54] <b>DENTAL COMPOSITION</b> [54] <b>COMPOSITION DENTAIRE</b> [72] BLAKE, THOMAS S., US [72] BERTOLOTTI, RAYMOND L., US [71] DANVILLE MATERIALS, US [85] 1999-09-20 [86] 1998-03-13 (PCT/US98/05003) [87] 1998-09-24 (WO98/41165) [30] US (08/820,567) 1997-03-19</p>
<p style="text-align: right;">[21] <b>2,284,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6C12Q 1/68</b> [25] EN [54] <b>PROBES FOR THE DIAGNOSIS OF INFECTIONS CAUSED BY STREPTOCOCCUS PYOGENES</b> [54] <b>SONDES POUR LE DIAGNOSTIC D'INFECTIONS OCCASIONNEES PAR STREPTOCOCCUS PYOGENES</b> [72] ABE, KANAKO, JP [72] KESHI, HIROYUKI, JP [72] MATSUHISA, AKIO, JP [72] UEYAMA, HIROSHI, JP [71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP [85] 1999-09-23 [86] 1998-03-23 (PCT/JP98/01288) [87] 1998-10-01 (WO98/42845) [30] JP (9/71077) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,284,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/00 6A61M 5/32</b> [25] EN [54] <b>PARENTERAL FLUID TRANSFER APPARATUS</b> [54] <b>DISPOSITIF DE TRANSFERT DE LIQUIDE PARENTERAL</b> [72] BIANCARDI, GREGORY F., US [72] HOLDAWAY, RICHARD G., US [72] POLIDORO, JOHN M., US [72] SMUTNEY, CHAD C., US [72] SEIFERT, KEVIN J., US [72] KEARNS, RICHARD S., US [72] SAHI, CARL R., US [71] BIO-PLEXUS, INC., US [85] 1999-09-21 [86] 1998-03-23 (PCT/US98/03813) [87] 1998-10-01 (WO98/42393) [30] US (60/042,064) 1997-03-26</p>	

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[21] **2,284,559**  
[13] A1

[51] **Int.Cl. 6G01N 33/544 6G01N 33/546 6G01N 33/551 6C12Q 1/56 6G01N 33/567 6G01N 33/86**  
[25] EN  
[54] **AGGLUTRIMETRIC ASSAYS IN BLOOD**  
[54] **METHODES D'ANALYSE AGGLUTIMETRIQUE DU SANG**  
[72] DURBIN, DENNIS A., US  
[72] LEE, THEODORE T., US  
[72] SMITH, JEFFREY W., US  
[72] HILLMAN, ROBERT S., US  
[72] RATNIKOV, BORIS I., US  
[71] ACCUMETRICS, INC., US  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/US98/06044)  
[87] 1998-09-24 (WO98/41868)  
[30] US (08/820,999) 1997-03-20

[21] **2,284,560**  
[13] A1

[51] **Int.Cl. 6B29C 45/80**  
[25] EN  
[54] **INJECTION MOLDING SYSTEM WITH SEQUENTIAL GATE CONTROL**  
[54] **SYSTEME DE MOULAGE PAR INJECTION A COMMANDE SEQUENTIELLE DES CANAUX**  
[72] TARR, JOHN, US  
[72] REITAN, DAVID, US  
[71] INCOE CORPORATION, US  
[85] 1999-09-20  
[86] 1998-06-02 (PCT/US98/11187)  
[87] 1998-12-17 (WO98/56564)  
[30] US (60/049,631) 1997-06-13  
[30] US (08/934,170) 1997-09-19

[21] **2,284,561**  
[13] A1

[51] **Int.Cl. 6B29C 45/23**  
[25] EN  
[54] **INJECTION MOLDING SHUT-OFF BUSHING WITH SEPARATE MATERIAL FLOW PATH**  
[54] **BUSE DE FERMETURE DE MOULAGE PAR INJECTION A CONDUIT SEPRE POUR LE MATERIAU**  
[72] REITAN, DAVID, US  
[72] GREB, SCOTT R., US  
[72] SERES, ERIC J., JR., US  
[71] INCOE CORPORATION, US  
[85] 1999-09-20  
[86] 1998-06-03 (PCT/US98/11219)  
[87] 1998-12-17 (WO98/56557)  
[30] US (60/049,531) 1997-06-13  
[30] US (08/974,638) 1997-11-19

[21] **2,284,562**  
[13] A1

[51] **Int.Cl. 6C03B 37/027**  
[25] EN  
[54] **APPARATUS AND METHOD FOR OVERCLADDING OPTICAL FIBER PREFORM ROD AND OPTICAL FIBER DRAWING METHOD**  
[54] **APPAREIL ET PROCEDE POUR GAINER UNE TIGE PREFORME DE FIBRE OPTIQUE ET PROCEDE D'ETIRAGE DE FIBRES OPTIQUES**  
[72] OH, KYUNG-HWAN, KR  
[72] SONG, GHIE-HUGH, KR  
[72] DO, MUN-HYUN, KR  
[72] PAEK, UN-CHUL, KR  
[72] OH, SEUNG-HUN, KR  
[72] SEO, MAN-SEOK, KR  
[72] CHUNG, YOUNG-JOO, KR  
[72] NAMKOONG, KI-UN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-09-21  
[86] 1998-03-27 (PCT/KR98/00067)  
[87] 1998-10-08 (WO98/43921)  
[30] KR (1997/10741) 1997-03-27  
[30] KR (1997/11510) 1997-03-29

[21] **2,284,563**  
[13] A1

[51] **Int.Cl. 6A61C 8/00**  
[25] EN  
[54] **IMPLANT BODY AND ROTATORY BODY**  
[54] **CORPS D'IMPLANT ET CORPS DE ROTATION**  
[72] UNGER, HEINZ-DIETER, DE  
[71] UNGER, HEINZ-DIETER, DE  
[85] 1999-09-20  
[86] 1998-03-19 (PCT/EP98/01610)  
[87] 1998-10-01 (WO98/42274)  
[30] DE (297 05 059.1) 1997-03-20

[21] **2,284,564**  
[13] A1

[51] **Int.Cl. 6B01D 29/11 6B01D 37/04 6B01D 46/46 6B01D 29/60 6B01D 29/62 6B01D 29/96**  
[25] EN  
[54] **FILTER LIFE MEASUREMENT**  
[54] **MESURE DE LA DUREE DE VIE D'UN FILTRE**  
[72] MacCABEE, JULIAN MARK, GB  
[72] SUTTON, DAVID IAN, GB  
[71] PALL CORPORATION, US  
[85] 1999-09-20  
[86] 1998-03-17 (PCT/GB98/00788)  
[87] 1998-10-01 (WO98/42425)  
[30] GB (9705818.4) 1997-03-20

[21] **2,284,565**  
[13] A1

[51] **Int.Cl. 6H04R 1/34 6G06F 1/16**  
[25] EN  
[54] **PERSONAL COMPUTING DEVICES COMPRISING A RESONANT PANEL LOUDSPEAKER**  
[54] **ORDINATEURS INDIVIDUELS COMPRENANT UN HAUT-PARLEUR RESONANT EN FORME DE PANNEAU**  
[72] ROBERTS, MARTIN, GB  
[72] COLLOMS, MARTIN, GB  
[72] CROCKER, NORMAN, GB  
[72] AZIMA, HENRY, GB  
[71] NEW TRANSDUCERS LIMITED, GB  
[85] 1999-09-21  
[86] 1998-03-19 (PCT/GB98/00834)  
[87] 1998-10-01 (WO98/43464)  
[30] GB (9705981.0) 1997-03-22

[21] **2,284,566**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04B 7/185**  
[25] EN  
[54] **CONNECTIONLESS COMMUNICATIONS NETWORK**  
[54] **RESEAU DE COMMUNICATIONS SANS CONNEXION**  
[72] MAUGER, ROY HAROLD, GB  
[72] BRUECKHEIMER, SIMON DANIEL, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-09-21  
[86] 1998-04-17 (PCT/GB98/01142)  
[87] 1998-10-29 (WO98/48593)  
[30] GB (9707832.3) 1997-04-18  
[30] GB (9716331.5) 1997-08-01

[21] **2,284,567**  
[13] A1

[51] **Int.Cl. 6A63F 3/06**  
[25] EN  
[54] **SCRATCH-OFF LOTTERY GAME WITH DUAL TRANSPARENT LAYERS**  
[54] **JEU DE LOTERIE A SYSTEME DE GRATTAGE AVEC DEUX COUCHES TRANSPARENTES**  
[72] HOLMAN, STEPHEN JOHN, AU  
[72] GOUGEON, FRANCOIS, CA  
[71] OBERTHUR GAMING TECHNOLOGIES INC., CA  
[85] 1999-09-20  
[86] 1999-01-18 (PCT/IB99/00071)  
[87] 1999-07-22 (WO99/36143)  
[30] US (60/071,939) 1998-01-20  
[30] US (09/208,228) 1998-12-09

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,284,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16N 3/12</b> [25] EN [54] <b>PRESS FOR COMPRESSING LUBRICATING GREASE AND THE CARTRIDGES USED THEREFOR</b> [54] <b>PRESSE DESTINEE A COMPRIMER DES LUBRIFIANTS ET CARTOUCHE UTILISEE A CET EFFET</b> [72] SIMON, STEFFEN, DE [71] MATO MASCHINEN- UND METALLWARENFABRIK CURT MATTHAEI GMBH &amp; CO. KG, DE [85] 1999-09-21 [86] 1998-03-20 (PCT/DE98/00825) [87] 1998-10-01 (WO98/43012) [30] DE (197 12 151.9) 1997-03-22 [30] DE (197 49 512.5) 1997-11-08</p>	<p style="text-align: right;">[21] <b>2,284,572</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62C 35/00</b> [25] EN [54] <b>DRIVE SOURCE FOR FEEDING EXTINGUISHING MEDIUM INTO SPRAY HEAD FOR EXTINGUISHING FIRE</b> [54] <b>SOURCE D'ENTRAINEMENT POUR AMENER UN MILIEU D'EXTINCTION DANS UNE TETE DE PULVERISATION AFIN D'ETEINDRE UN FEU</b> [72] SUNDHOLM, GORAN, FI [71] SUNDHOLM, GORAN, FI [85] 1999-09-21 [86] 1999-02-01 (PCT/FI99/00068) [87] 1999-08-05 (WO99/38573) [30] FI (980232) 1998-02-02 [30] FI (980705) 1998-03-27 [30] FI (980772) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,284,575</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 21/00 6C22F 1/04</b> [25] EN [54] <b>ALUMINUM ALLOY COMPOSITION AND METHOD OF MANUFACTURE</b> [54] <b>COMPOSITION EN ALLIAGE D'ALUMINIUM ET PROCEDE DE FABRICATION</b> [72] PULLIAM, DANIEL, US [72] DAVISSON, THOMAS L., US [72] MONTGRAIN, LUC, US [72] NADKARNI, SADASHIV, US [71] ALCAN INTERNATIONAL LIMITED, CA [85] 1999-09-21 [86] 1998-03-18 (PCT/CA98/00238) [87] 1998-10-15 (WO98/45492) [30] US (60/042,689) 1997-04-04</p>
<p style="text-align: right;">[21] <b>2,284,570</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 73/02</b> [25] EN [54] <b>DEVICE FOR SORTING OUT MARINE SPECIES IN FISHING TRAWL</b> [54] <b>DISPOSITIF PERMETTANT DE TRIER DES ESPECES MARINES DANS UN CHALUT DE PECHE</b> [72] JOHANNESSON, JOHANNES, IS [71] EX-IT EHF., IS [85] 1999-06-09 [86] 1997-12-08 (PCT/IS97/00006) [87] 1998-06-18 (WO98/25452) [30] IS (IS 4395) 1996-12-09</p>	<p style="text-align: right;">[21] <b>2,284,573</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 29/06</b> [25] EN [54] <b>PROCESS MANAGEMENT INFRASTRUCTURE</b> [54] <b>INFRASTRUCTURE DE GESTION DE PROCESSUS</b> [72] WACLAWIK, RICHARD, CA [71] CROSSKEYS SYSTEMS CORPORATION, CA [85] 1999-09-14 [86] 1998-03-16 (PCT/CA98/00231) [87] 1998-09-24 (WO98/42157) [30] CA (2,200,010) 1997-03-14</p>	<p style="text-align: right;">[21] <b>2,284,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01B 9/68</b> [25] EN [54] <b>RAIL PADS</b> [54] <b>SEMELLES DE RAIL</b> [72] WILDGOOSE, THOMAS WILLIAM, GB [71] GLYNWED PIPE SYSTEMS LIMITED, GB [85] 1999-09-14 [86] 1998-03-13 (PCT/GB98/00624) [87] 1998-09-24 (WO98/41690) [30] GB (9705396.1) 1997-03-14 [30] GB (9800714.9) 1998-01-15</p>
<p style="text-align: right;">[21] <b>2,284,571</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B66B 11/04 6H02K 41/03</b> [25] EN [54] <b>LINEAR MOTOR FOR DRIVING AN ELEVATOR CAR</b> [54] <b>MOTEUR LINEAIRE POUR ACTIONNER UNE CABINE D'ASCENSEUR</b> [72] JESSENBERGER, RALF, DE [71] THYSSEN AUFZUGSWERKE GMBH, DE [85] 1999-08-10 [86] 1998-02-06 (PCT/EP98/00641) [87] 1998-08-20 (WO98/35904) [30] EP (97102505.1) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,284,574</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F27D 23/02 6B08B 7/00 6F27D 1/12 6F27D 1/16</b> [25] EN [54] <b>DEVICE, SYSTEM AND METHOD FOR ON-LINE EXPLOSIVE DESLAGGING</b> [54] <b>DISPOSITIF, SYSTEME ET PROCEDE POUR DECRASSAGE PAR EXPLOSIFS EN LIGNE</b> [72] ZILKA, FRANCIS, US [72] ZILKA, TIMOTHY, US [72] HOWARD, DONALD, US [72] PROUTY, KURT, US [71] NORTHAMERICAN INDUSTRIAL SERVICES, INC., US [85] 1999-07-07 [86] 1998-01-14 (PCT/US98/00718) [87] 1998-07-23 (WO98/31975) [30] US (08/786096) 1997-01-17</p>	<p style="text-align: right;">[21] <b>2,284,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 24/24</b> [25] EN [54] <b>ADDITIVE FOR PRODUCTION OF HIGHLY WORKABLE MORTAR CEMENT</b> [54] <b>ADJUVANT PERMETTANT LA PRODUCTION DE CIMENT DE MORTIER TRES MANIABLE</b> [72] ABELLEIRA, ANGEL, US [72] HALLOCK, JOHN, US [71] W.R. GRACE &amp; CO.-CONN., US [85] 1999-09-14 [86] 1998-03-10 (PCT/US98/04643) [87] 1998-10-01 (WO98/42631) [30] US (08/822,165) 1997-03-21</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,284,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/00 6A61B 19/02</b> [25] EN [54] <b>A PACKAGING AND COMPONENT DELIVERY SYSTEM FOR USE IN STERILE MEDICAL OR DENTAL PROCEDURES</b> [54] <b>EMBALLAGES ET SYSTEME DE DISTRIBUTION D'UN CONSTITUANT, DESTINE A ETRE UTILISES LORS DE PROCEDURES MEDICALES ET DENTAIREES DANS DES CONDITIONS STERILES</b> [72] DAWOOD, J. S. ANDREW, GB [71] NOBEL BIOCARE AB, SE [85] 1999-09-21 [86] 1998-03-27 (PCT/SE98/00568) [87] 1998-10-08 (WO98/43892) [30] GB (9706796.1) 1997-04-03</p>	<p style="text-align: center;">[21] <b>2,284,582</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 3/00 6B01D 19/00 6B01D 47/00 6F02M 11/00 6F02M 29/04 6C10J 1/08 6B01D 3/14 6B01D 3/26 6B01D 3/32</b> [25] EN [54] <b>CO-CURRENT CONTACTING SEPARATION TRAY DESIGN AND METHODS FOR USING SAME</b> [54] <b>MODELE DE PLATEAU DE SEPARATION ET DE CONTACT COCOURANT ET SES PROCEDES D'UTILISATION</b> [72] STOBER, BERNE KIM, US [72] SOWIAK, RAYMOND MICHAEL, US [71] MOBIL OIL CORPORATION, US [85] 1999-09-14 [86] 1998-02-17 (PCT/US98/03286) [87] 1998-10-15 (WO98/45011) [30] US (08/833,490) 1997-04-07</p>	<p style="text-align: center;">[21] <b>2,284,586</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/39</b> [25] EN [54] <b>AQUEOUS IMMUNOLOGIC ADJUVANT COMPOSITIONS OF MONOPHOSPHORYL LIPID A</b> [54] <b>COMPOSITIONS D'ADJUVANT IMMUNOLOGIQUE AQUEUSES DE MONOPHOSPHORYLE LIPIDE A</b> [72] CRANE, R. THOMAS, US [71] RIBI IMMUNOCHEM RESEARCH, INC., US [85] 1999-09-21 [86] 1998-04-01 (PCT/US98/06528) [87] 1998-10-08 (WO98/43670) [30] US (831,073) 1997-04-01</p>
<p style="text-align: center;">[21] <b>2,284,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/665 6A61K 51/08</b> [25] EN [54] <b>RADIOLABELLED SOMATOSTATIN RECEPTOR LIGANDS FOR DIAGNOSIS AND THERAPY</b> [54] <b>LIGANDS RADIOMARQUES DU RECEPTEUR DE LA SOMATOSTATINE POUR LE DIAGNOSTIC ET LA THERAPIE</b> [72] ANGELBERGER, PETER, AT [72] VIRGOLINI, IRENE, AT [72] SMITH-JONES, PETER, AT [71] NYCOMED IMAGING AS, NO [85] 1999-09-14 [86] 1998-03-12 (PCT/AT98/00065) [87] 1998-09-24 (WO98/41540) [30] AT (A 451/97) 1997-03-14</p>	<p style="text-align: center;">[21] <b>2,284,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05B 41/00 6E05B 47/00 6E05B 15/02</b> [25] EN [54] <b>LOCKING DEVICE</b> [54] <b>DISPOSITIF DE FERMETURE</b> [72] STENDAL, JAN, SE [71] STENDALS ELEKTRISKA AB, SE [85] 1999-09-14 [86] 1998-02-12 (PCT/SE98/00236) [87] 1998-09-24 (WO98/41717) [30] SE (9700962-5) 1997-03-17</p>	<p style="text-align: center;">[21] <b>2,284,588</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/24 6H04Q 11/04</b> [25] EN [54] <b>SERVICE LEVEL AGREEMENT MANAGEMENT IN DATA NETWORKS</b> [54] <b>GESTION D'AGREMENT DE NIVEAU DE SERVICE DANS DES RESEAUX DE DONNEES</b> [72] CHRISTMAS, MARK, CA [72] FORGET, LEO, CA [71] CROSSKEYS SYSTEMS CORPORATION, CA [85] 1999-09-14 [86] 1998-03-16 (PCT/CA98/00232) [87] 1998-09-24 (WO98/42102) [30] CA (2,200,009) 1997-03-14 [30] CA (2,200,011) 1997-03-14 [30] US (60/043,080) 1997-04-08</p>
<p style="text-align: center;">[21] <b>2,284,584</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 3/00 6B01D 19/00 6B01D 3/06 6B01D 3/14 6B01D 45/14 6B01D 3/32</b> [25] EN [54] <b>DE-ENTRAINMENT TRAY AND METHOD OF OPERATION</b> [54] <b>PLATEAU DE DESENTRAINEMENT ET SON PROCEDE DE FONCTIONNEMENT</b> [72] STOBER, BERNE KIM, US [72] ROSS, MARK SHELDON, US [72] BUCHANAN, JOHN SCOTT, US [71] MOBIL OIL CORPORATION, US [85] 1999-09-14 [86] 1998-02-17 (PCT/US98/03287) [87] 1998-10-15 (WO98/45012) [30] US (08/833,675) 1997-04-08</p>	<p style="text-align: center;">[21] <b>2,284,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/04</b> [25] EN [54] <b>FUEL CELL WITH PULSED ANODE POTENTIAL</b> [54] <b>PILE A COMBUSTIBLE A POTENTIEL ANODIQUE PULSE</b> [72] STIMMING, ULRICH, DE [72] UNKAUF, WOLFGANG, DE [72] FRIEDRICH, KASPAR ANDREAS, DE [71] STIMMING, ULRICH, DE [85] 1999-09-14 [86] 1998-03-12 (PCT/EP98/01436) [87] 1998-09-24 (WO98/42038) [30] DE (197 10 819.9) 1997-03-15</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,284,590</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01B 5/255</b> [25] EN [54] <b>WHEELLESS ALIGNMENT APPARATUS AND METHOD OF USING SAME</b> [54] <b>DISPOSITIF DE REGLAGE DU PARALLELISME SANS LES ROUES ET SON UTILISATION</b> [72] MIELING, JAMES A., US [71] NORKAR TECHNOLOGIES, INC., US [85] 1999-09-21 [86] 1997-03-25 (PCT/US97/05285) [87] 1998-10-01 (WO98/43041) [30] US (08/821,813) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,593</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR MANAGING INTERNET USER ACCESS</b> [54] <b>SYSTEME ET PROCEDE POUR GESTION D'ACCES UTILISATEUR A INTERNET</b> [72] BERTEAU, CHARLES DONALD, US [71] GEONET LIMITED, L.P., US [85] 1999-09-15 [86] 1998-03-17 (PCT/US98/03801) [87] 1998-09-24 (WO98/41925) [30] US (818,285) 1997-03-17</p>	<p style="text-align: right;">[21] <b>2,284,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 5/18 6C08K 13/02 6B32B 27/12</b> [25] EN [54] <b>STRETCHED-FILLED MICROPOROUS FILMS AND METHODS OF MAKING THE SAME</b> [54] <b>FILMS MICROPOREUX ETIRES ET GARNIS ET PROCEDES DE PRODUCTION</b> [72] JACOBS, ROBIN LEE, US [72] STOPPER, STEVEN RAY, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-09-15 [86] 1998-03-27 (PCT/US98/06173) [87] 1998-10-08 (WO98/44025) [30] US (60/041,888) 1997-04-02 [30] US (09/037,345) 1998-03-10</p>
<p style="text-align: right;">[21] <b>2,284,591</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 263/42 6C07C 227/32</b> [25] EN [54] <b>THE PREPARATION OF ENANTIOMERICALLY ENRICHED OXAZOLONES AND .ALPHA.,.ALPHA.-DISUBSTITUTED AMINO ACIDS</b> [54] <b>PREPARATION D'OXAZOLONES ET D'ACIDES AMINES DISUBSTITUES .ALPHA.,.ALPHA. RICHES EN ENANTIOMERE</b> [72] TROST, BARRY M., US [72] PIQUER, JAVIER ARIZA, US [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US [85] 1999-09-15 [86] 1998-04-14 (PCT/GB98/01076) [87] 1998-10-22 (WO98/46578) [30] US (08/832,713) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,284,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60 6H04L 12/18</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ELABORATING AND REPRESENTING DATA ANALYSIS IN A DECISION SUPPORT SYSTEM</b> [54] <b>PROCEDE ET APPAREIL D'ELABORATION ET DE REPRESENTATION D'UNE ANALYSE DE DONNEES DANS UN SYSTEME D'AIDE A LA DECISION</b> [72] SPAMPINATO, LUCA, IT [72] PELLEGRINELLI, ROCCO, CH [72] BOTTARELLI, SANDRO, CH [71] BRAINPOWER S.A., CH [85] 1999-09-15 [86] 1999-01-29 (PCT/EP99/00583) [87] 1999-08-05 (WO99/39290) [30] US (09/016,313) 1998-01-30</p>	<p style="text-align: right;">[21] <b>2,284,597</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 405/04 6C07D 209/12 6C07D 401/12 6C07D 405/12 6C07D 413/12 6C07D 213/30 6A61K 31/44</b> [25] EN [54] <b>NOVEL PYRIDINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM</b> [54] <b>NOUVEAUX DERIVES DE PYRIDINE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT</b> [72] CHESHIRE, DAVID, GB [72] CLADINGBOEL, DAVID, GB [72] COOPER, MARTIN, GB [72] STOCKS, MICHAEL, GB [72] MANNERS, CAROL, GB [72] HIRST, SIMON, GB [72] HARDERN, DAVID, GB [71] ASTRA PHARMACEUTICALS LTD., GB [85] 1999-09-21 [86] 1998-03-27 (PCT/SE98/00575) [87] 1998-10-08 (WO98/43971) [30] SE (9701194-4) 1997-04-01 [30] SE (9702200-8) 1997-06-09 [30] SE (9704402-8) 1997-11-28</p>
<p style="text-align: right;">[21] <b>2,284,592</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 33/23 6B01D 39/20 6B01D 33/29 6B01D 29/39</b> [25] EN [54] <b>FILTER DEVICE WITH FILTER DISKS</b> [54] <b>DISPOSITIF DE FILTRATION A DISQUES FILTRANTS</b> [72] HAUSDORF, JURGEN, DE [72] TECKENTRUP, HEINRICH, DE [72] LANG, NORBERT, DE [71] HYDAC PROCESS TECHNOLOGY GMBH, DE [85] 1999-09-21 [86] 1997-10-30 (PCT/EP97/06007) [87] 1998-10-15 (WO98/45022) [30] DE (197 14 187.0) 1997-04-07</p>	<p style="text-align: right;">[21] <b>2,284,595</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b> [25] EN [54] <b>HAIR TREATMENT COMPOSITIONS</b> [54] <b>COMPOSITIONS POUR LE TRAITEMENT DES CHEVEUX</b> [72] NUMATA, TADASHI, JP [72] HIRAIISHI, TAKAHIRO, JP [72] MURRAY, ANDREW MALCOLM, JP [72] MATSUMOTO, KYOKO, JP [71] UNILEVER PLC, GB [85] 1999-09-21 [86] 1998-03-18 (PCT/EP98/01768) [87] 1998-10-08 (WO98/43599) [30] GB (9706486.9) 1997-03-27</p>	

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<p style="text-align: center;">[21] <b>2,284,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 15/06 6B60C 3/04</b> [25] EN [54] <b>PLY PATH CONTROLLED BY PRECURED APEX</b> [54] <b>TRAJECTOIRE DE PLIS REGULEE AU MOYEN D'UN BOURRAGE SUR TRINGLE PRECUIT</b> [72] TUBB, GARY EDWIN, US [72] GOLDSTEIN, ARTHUR ALLEN, US [72] VANNAN, FREDERICK FORBES, US [72] CAPPELLI, MATTHEW RAY, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 1999-09-23 [86] 1997-04-03 (PCT/US97/05542) [87] 1998-10-08 (WO98/43836)</p>	<p style="text-align: center;">[21] <b>2,284,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23B 41/02</b> [25] EN [54] <b>MACHINE TOOL</b> [54] <b>MACHINE-OUTIL</b> [72] BARTHOLD, HEINZ, DE [72] HENZLER, PETER, DE [72] STRAUB, HANS, DE [71] EX-CELL-O GMBH, DE [85] 1999-09-15 [86] 1998-03-18 (PCT/DE98/00801) [87] 1998-09-24 (WO98/41350) [30] DE (197 11 317.6-14) 1997-03-18 [30] WO (PCT/DE98/00164) 1998-01-20</p>	<p style="text-align: center;">[21] <b>2,284,604</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/04 6C08K 13/02</b> [25] EN [54] <b>COMPOSITIONS CONTAINING SLIP AND ANTIBLOCK AGENTS</b> [54] <b>COMPOSITIONS RENFERMANT DES AGENTS GLISSANTS ET ANTIADHERENTS</b> [72] WEVERS, RONALD, US [72] FEHR, BERNARD, US [72] VAN VOLKENBURGH, WILLIAM R., US [72] SIMMONS, BRIAN E., US [72] MERGENHAGEN, LAURA K., US [71] THE DOW CHEMICAL COMPANY, US [85] 1999-09-21 [86] 1998-04-15 (PCT/US98/07650) [87] 1998-10-22 (WO98/46672) [30] US (60/043,954) 1997-04-16 [30] US (60/069,705) 1997-12-16</p>
<p style="text-align: center;">[21] <b>2,284,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26D 7/00</b> [25] EN [54] <b>ROTARY SAW CUT ALIGNMENT DEVICE</b> [54] <b>DISPOSITIF D'ALIGNEMENT DE LA COUPE POUR SCIE CIRCULAIRE</b> [72] BAIRD, JAMES R., US [72] CALUORI, RAYMOND, US [71] BAIRD, JAMES R., US [71] CALUORI, RAYMOND, US [85] 1999-09-14 [86] 1998-12-09 (PCT/US98/26200) [87] 1999-06-24 (WO99/30879) [30] US (08/990,501) 1997-12-15</p>	<p style="text-align: center;">[21] <b>2,284,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01B 9/02</b> [25] EN [54] <b>INTERFEROMETER TUNABLE IN A NON-MECHANICAL MANNER BY A PANCHARATNAM PHASE</b> [54] <b>INTERFEROMETRE SYNTONISABLE DE MANIERE NON MECANIQUE PAR PHASE PANCHARATNAM</b> [72] BERESNEV, LEONID, DE [72] DULTZ, WOLFGANG, DE [72] HILS, BERNHARD, DE [71] DEUTSCHE TELECOM AG, DE [85] 1999-09-21 [86] 1998-04-28 (PCT/EP98/02494) [87] 1998-11-19 (WO98/51992) [30] DE (197 20 246.2) 1997-05-15</p>	<p style="text-align: center;">[21] <b>2,284,605</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B42B 4/02</b> [25] EN [54] <b>DEVICE FOR LONGITUDINALLY STITCHING MULTIPIECE PRINTED PRODUCTS</b> [54] <b>DISPOSITIF D'AGRAFAGE LONGITUDINAL DE PRODUITS IMPRIMES EN PLUSIEURS PARTIES</b> [72] MULLER, HOLGER, DE [71] FERAG AG, CH [85] 1999-09-23 [86] 1998-03-23 (PCT/CH98/00115) [87] 1998-11-12 (WO98/50240) [30] CH (1068/97) 1997-05-07</p>
<p style="text-align: center;">[21] <b>2,284,600</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14 6G01S 13/08 6H04B 1/44 6G01S 13/74</b> [25] EN [54] <b>APPARATUS FOR MAGNETICALLY DECOUPLING AN RFID TAG</b> [54] <b>APPAREIL DE DECOUPLAGE MAGNETIQUE D'ETIQUETTE A IDENTIFICATION PAR RADIOFREQUENCE</b> [72] TRONTELJ, JANEZ, SI [71] CHECKPOINT SYSTEMS, INC., US [85] 1999-09-23 [86] 1998-03-16 (PCT/US98/05130) [87] 1998-10-01 (WO98/43218) [30] US (60/041,466) 1997-03-24 [30] US (09/035,027) 1998-03-05</p>	<p style="text-align: center;">[21] <b>2,284,603</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 1/24 6B01J 2/30</b> [25] EN [54] <b>METHOD TO LOWER THE FORMATION OF CLODS AND THE CLUSTERING TENDENCY OF REDUCIBLE IRON CONTAINING AGGLOMERATED MATERIAL, IN PARTICULAR PELLETS</b> [54] <b>PROCEDE PERMETTANT DE REDUIRE LA TENDANCE A LA FORMATION DE GRUMAUTS ET A L'ENCRASSEMENT D'UNE MATIERE AGGLOMEREED REDUCTIBLE CONTENANT DU FER</b> [72] KLEMO, ROGER, SE [71] LUOSSAVAARA-KIRUNAVAARA AB, SE [85] 1999-09-23 [86] 1999-01-14 (PCT/SE99/00041) [87] 1999-08-05 (WO99/39014) [30] SE (9800292-6) 1998-02-02</p>	<p style="text-align: center;">[21] <b>2,284,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 1/00 6C07G 3/00</b> [25] EN [54] <b>METHOD FOR GENERATING SACCHARIDE FRAGMENTS</b> [54] <b>PROCEDE DE PRODUCTION DE FRAGMENTS DE SACCHARIDE</b> [72] KASPER, DENNIS L., US [72] WANG, YING, US [72] HOLLINGSWORTH, RAWLE I., US [71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US [85] 1999-09-21 [86] 1998-03-26 (PCT/US98/05889) [87] 1998-10-01 (WO98/42718) [30] US (60/042,416) 1997-03-26</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,284,607</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23B 29/034</b> [25] EN [54] <b>ADVANCING SYSTEM FOR A ROTARY CUTTING TOOL</b> [54] <b>SYSTEME D'AVANCE POUR UN OUTIL DE COUPE ROTATIF</b> [72] GRUNER, GUNTHER, DE [72] OSWALD, JOHANN, DE [71] EX-CELL-O GMBH, DE [85] 1999-09-15 [86] 1998-01-20 (PCT/DE98/00163) [87] 1998-10-01 (WO98/42468) [30] DE (197 12 238.8) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,610</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61F 5/14</b> [25] EN [54] <b>VEHICLE</b> [54] <b>VEHICULE</b> [72] HACHMANN, ULRICH, DE [72] SCHULLER, UWE, DE [72] BENKER, THOMAS, DE [71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE [85] 1999-09-21 [86] 1998-11-24 (PCT/EP98/07584) [87] 1999-08-19 (WO99/41127) [30] DE (198 05 896.9) 1998-02-13</p>	<p style="text-align: right;">[21] <b>2,284,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6C07K 1/00 6C07K 16/00 6C09B 47/04 6G01N 33/531 6C12N 9/96</b> [25] EN [54] <b>COCAETHYLENE IMMUNOGENS AND ANTIBODIES</b> [54] <b>IMMUNOGENES SE LIANT AU COCAETHYLENE ET ANTICORPS</b> [72] SCHERRMANN, JEAN-MICHEL, FR [72] POULETTY, PHILLIPE, US [72] GALONS, HERVÉ, FR [71] DRUG ABUSE SCIENCES, INC., US [85] 1999-09-21 [86] 1998-03-19 (PCT/US98/05450) [87] 1998-10-01 (WO98/42359) [30] US (08/821,895) 1997-03-21</p>
<p style="text-align: right;">[21] <b>2,284,608</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A43B 17/14 6A43B 7/22</b> [25] EN [54] <b>CIRCUIT FOR THE PROTECTION OF ELECTRICAL DEVICES</b> [54] <b>SEMELLE INTERIEURE DE CHAUSSURE</b> [72] SEITER, HANS, DE [71] SEITER, HANS, DE [85] 1999-09-23 [86] 1998-05-08 (PCT/EP98/02706) [87] 1998-11-19 (WO98/51178) [30] DE (197 20 142.3) 1997-05-14 [30] DE (197 32 786.9) 1997-07-30 [30] DE (198 01 301.9) 1998-01-16</p>	<p style="text-align: right;">[21] <b>2,284,611</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 63/00 6A61K 48/00 6C12P 15/00 6C12P 21/06 6A61K 39/12 6A61K 39/245</b> [25] EN [54] <b>REPLICATION-COMPETENT HERPES SIMPLEX VIRUSES</b> [54] <b>VIRUS SIMPLEX DE L'HERPES APTE A LA REPLICATION</b> [72] WARNICK, RONALD E., US [72] PARYSEK, LINDA M., US [72] PYLES, RICHARD B., US [71] UNIVERSITY OF CINCINNATI, US [85] 1999-09-23 [86] 1998-03-27 (PCT/US98/06124) [87] 1998-10-01 (WO98/42195) [30] US (60/042,418) 1997-03-27</p>	<p style="text-align: right;">[21] <b>2,284,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 35/573 6F16D 69/02 6C04B 35/80</b> [25] EN [54] <b>FIBRE-REINFORCED COMPOSITE CERAMICS INFILTRATED WITH MOLTEN METAL</b> [54] <b>CERAMIQUE COMPOSITE RENFORCEE PAR FIBRES, INFILTREE AVEC UNE MATIERE FONDUE</b> [72] GADOW, RAINER, DE [72] HAUG, TILMANN, DE [72] KIENZLE, ANDREAS, DE [71] DAIMLERCHRYSLER AG, DE [85] 1999-09-21 [86] 1998-02-19 (PCT/EP98/00951) [87] 1998-10-01 (WO98/42634) [30] DE (197 11 831.3) 1997-03-21</p>
<p style="text-align: right;">[21] <b>2,284,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22C 7/02 6B22D 19/00 6B22D 29/00 6B22D 18/04 6B22D 27/04</b> [25] EN [54] <b>MAKING HEAT-EXCHANGING CAST METAL FORMING TOOL</b> [54] <b>PRODUCTION D'UN OUTIL DE FORMAGE A ECHANGE THERMIQUE POUR METAL COULE</b> [72] McDONALD, ROBERT R., US [72] JONES, WILLIAM O., US [71] METALLAMICS, INC., US [85] 1999-09-15 [86] 1998-03-13 (PCT/US98/05294) [87] 1998-09-24 (WO98/41340) [30] US (08/328038) 1997-03-19</p>	<p style="text-align: right;">[21] <b>2,284,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12M 1/00 6C12N 15/00 6G01N 21/00 6C07H 21/02 6C07H 21/04 6C12N 11/04 6G01N 15/06 6C12P 19/34</b> [25] EN [54] <b>CLOSED-LOOP BIOCHEMICAL ANALYZERS</b> [54] <b>ANALYSEURS BIOCHIMIQUES FONCTIONNANT EN BOUCLE FERMEE</b> [72] PARCE, JOHN WALLACE, US [72] KNAPP, MICHAEL, US [72] BOUSSE, LUC J., US [72] KOPF-SILL, ANN R., US [71] CALIPER TECHNOLOGIES CORPORATION, US [85] 1999-09-15 [86] 1998-04-03 (PCT/US98/06723) [87] 1998-10-15 (WO98/45481) [30] US (08/835,101) 1997-04-04 [30] US (60/068,311) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,284,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/32</b> [25] EN [54] <b>INTEGRAL SHEATING APPARATUS FOR TISSUE RECOGNITION PROBES</b> [54] <b>APPAREIL D'ENGAINEMENT INCORPORE POUR SONDAS DE RECONNAISSANCE DE TISSU</b> [72] SKLADNEV, VICTOR, AU [72] THOMPSON, RICHARD L., AU [72] WUNDERMAN, IRWIN, US [71] POLARTECHNICS LIMITED, AU [85] 1999-09-15 [86] 1998-03-17 (PCT/US98/05196) [87] 1998-09-24 (WO98/41281) [30] US (08/818910) 1997-03-17</p>

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[21] **2,284,616**  
[13] A1

[51] **Int.Cl. 6C23C 22/84**  
[25] EN  
[54] **ANODISING MAGNESIUM AND MAGNESIUM ALLOYS**  
[54] **ANODISATION DU MAGNESIUM ET D'ALLIAGES AU MAGNESIUM**  
[72] HENSHAW, GEOFFREY STEPHEN, NZ  
[72] ROSS, PHILIP NICHOLAS, NZ  
[72] MacCULLOCH, JOHN ARNOLD, NZ  
[71] MAGNESIUM TECHNOLOGY LIMITED, NZ  
[85] 1999-09-23  
[86] 1998-03-23 (PCT/NZ98/00040)  
[87] 1998-10-01 (WO98/42892)  
[30] NZ (314467) 1997-03-24  
[30] NZ (328316) 1997-07-11  
[30] NZ (328719) 1997-09-11

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[21] **2,284,617**  
[13] A1

[51] **Int.Cl. 6C04B 35/573 6F16D 69/02 6C04B 35/80**  
[25] EN  
[54] **FIBRE-REINFORCED COMPOSITE CERAMICS AND METHOD OF PRODUCING THE SAME**  
[54] **CERAMIQUE COMPOSITE RENFORCEE PAR FIBRES ET PROCEDE PERMETTANT DE PRODUIRE UNE TELLE CERAMIQUE**  
[72] GADOW, RAINER, DE  
[72] WEISSKOPF, KARL, DE  
[72] STOVER, HEIKE, DE  
[72] KIENZLE, ANDREAS, DE  
[72] HAUG, TILMANN, DE  
[72] DIETRICH, GERD, DE  
[72] SCHWARZ, CHRISTIAN, DE  
[71] DAIMLERCHRYSLER AG, DE  
[85] 1999-09-21  
[86] 1998-02-24 (PCT/EP98/01044)  
[87] 1998-10-01 (WO98/42635)  
[30] DE (197 11 829.1) 1997-03-21

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[21] **2,284,618**  
[13] A1

[51] **Int.Cl. 6C25D 11/30**  
[25] EN  
[54] **COLOURING MAGNESIUM OR MAGNESIUM ALLOY ARTICLES**  
[54] **COLORATION D'ARTICLES EN MAGNESIUM OU EN ALLIAGE DE MAGNESIUM**  
[72] ROSS, PHILIP NICHOLAS, NZ  
[72] HENSHAW, GEOFFREY STEPHEN, NZ  
[72] MacCULLOCH, JOHN ARNOLD, NZ  
[71] MAGNESIUM TECHNOLOGY LIMITED, NZ  
[85] 1999-09-23  
[86] 1998-03-23 (PCT/NZ98/00039)  
[87] 1998-10-01 (WO98/42895)  
[30] NZ (314468) 1997-03-24  
[30] NZ (328316) 1997-07-11  
[30] NZ (328719) 1997-09-11

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[21] **2,284,619**  
[13] A1

[51] **Int.Cl. 6A61M 1/36**  
[25] EN  
[54] **ADSORBENT FOR ELIMINATING HEPATITIS C VIRUS, ADSORBER, AND ADSORPTION METHOD**  
[54] **ADSORBANT DESTINE A ELIMINER LE VIRUS DE L'HEPATITE C, ADSORBEUR ET METHODE D'ADSORPTION**  
[72] NOMURA, MICHIO, JP  
[72] SAKAI, AKITO, JP  
[72] ASAH, TAKASHI, JP  
[72] KANEKO, SHUICHI, JP  
[72] OGINO, EIJI, JP  
[71] KANEKA CORPORATION, JP  
[85] 1999-09-23  
[86] 1998-03-25 (PCT/JP98/01317)  
[87] 1998-10-01 (WO98/42392)  
[30] JP (9-071483) 1997-03-25

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[21] **2,284,620**  
[13] A1

[51] **Int.Cl. 6C07C 321/28 6C07D 339/02 6C07D 471/04 6C07D 487/04 6C07D 277/06 6C07D 327/06 6C07D 339/08 6C07D 401/12 6C07C 323/42 6C07D 213/62 6C07D 213/70 6C07D 213/78**  
[25] EN  
[54] **AROMATIC AND HETEROCYCLIC NITRATO DERIVATIVES**  
[54] **DERIVES DE NITRATE AROMATIQUES ET HETEROCYCLIQUES**  
[72] HAJ-YEHIA, ABDULLAH, IL  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[85] 1999-09-23  
[86] 1998-03-26 (PCT/IL98/00144)  
[87] 1998-10-01 (WO98/42661)  
[30] IL (120531) 1997-03-26

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[21] **2,284,621**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WRAPPER COMPRISING A SIDE FLAP FASTENER COVER**  
[54] **EMBALLAGE D'ARTICLE ABSORBANT COMPRENANT UNE COUVERTURE D'ELEMENT DE FIXATION DE RABAT LATERAL**  
[72] SHIMIZU, YOSHIHISA, JP  
[72] HASEGAWA, MAKI, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-09-15  
[86] 1998-02-27 (PCT/IB98/00247)  
[87] 1998-10-01 (WO98/42285)  
[30] EP (PCT/US97/05374) 1997-03-21  
[30] EP (PCT/US97/05375) 1997-03-21

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[21] **2,284,622**  
[13] A1

[51] **Int.Cl. 6H02K 44/02 6F04F 11/00 6B01D 61/44**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR ENHANCED FLUID TRANSPORT**  
[54] **PROCEDES ET SYSTEMES SERVANT A AMELIORER LE TRANSPORT DE FLUIDES**  
[72] NIKIFOROV, THEO T., US  
[72] JEONG, SANG, US  
[71] CALIPER TECHNOLOGIES CORPORATION, US  
[85] 1999-09-15  
[86] 1998-03-30 (PCT/US98/06256)  
[87] 1998-10-15 (WO98/45929)  
[30] US (08/833,279) 1997-04-04

[21] **2,284,623**  
[13] A1

[51] **Int.Cl. 6B29C 45/27**  
[25] EN  
[54] **MOVABLE MOLTEN MASS GUIDE SLEEVE TO COMPENSATE FOR TEMPERATURE-DEPENDENT EXPANSION BETWEEN THE HOT CHANNEL AND THE MOLD FEED ORIFICE**  
[54] **MANCHON MOBILE DISTRIBUTEUR DE LA MATIERE PLASTIQUE FONDUE PERMETTANT DE COMPENSER LA DILATATION THERMIQUE ENTRE LE CANAL DE CAROTTE CHAUFFE ET L'ENTREE DU MOULE**  
[72] CHRISTEN, ANDREAS, CH  
[71] PROTOOL AG, CH  
[85] 1999-09-20  
[86] 1999-01-19 (PCT/CH99/00023)  
[87] 1999-07-29 (WO99/37461)  
[30] CH (134/98) 1998-01-21

[21] **2,284,624**  
[13] A1

[51] **Int.Cl. 6G01B 21/32 6G01B 11/16**  
[25] EN  
[54] **STRAIN MEASURING DEVICE**  
[54] **DISPOSITIF DE MESURE DE DEFORMATION**  
[72] BROWN, JAMES CALLAN, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 1999-09-20  
[86] 1998-03-18 (PCT/GB98/00806)  
[87] 1998-10-01 (WO98/43043)  
[30] GB (9706032.1) 1997-03-21

[21] **2,284,625**  
[13] A1

[51] **Int.Cl. 6A61K 47/30 6A61K 9/70**  
[25] EN  
[54] **PRESSURE-SENSITIVE ADHESIVES FOR PERCUTANEOUS PLASTERS AND PERCUTANEOUS PLASTERS**  
[54] **ADHESIFS AUTOCOLLANTS POUR EMLATRES PERCUTANES ET EMLATRES PERCUTANES**  
[72] HIRANO, MUNEHICO, JP  
[72] HIGO, NARUTO, JP  
[72] SHINMURA, MIYUKI, JP  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 1999-09-15  
[86] 1998-03-27 (PCT/JP98/01409)  
[87] 1998-10-15 (WO98/44949)  
[30] JP (HEI 9-102447) 1997-04-07

[21] **2,284,627**  
[13] A1

[51] **Int.Cl. 6G06K 19/077 6G06K 19/073**  
[25] EN  
[54] **RESPONSE DEVICE IN AC CARD COMMUNICATION SYSTEM**  
[54] **DISPOSITIF DE REPOSE DANS UN SYSTEME DE COMMUNICATION A CARTE A CIRCUIT INTEGRE**  
[72] IKEFUJI, YOSHIHIRO, JP  
[72] OKADA, HIROHARU, JP  
[71] ROHM CO., LTD., JP  
[85] 1999-09-15  
[86] 1998-05-15 (PCT/JP98/02154)  
[87] 1998-11-26 (WO98/53423)  
[30] JP (9-128295) 1997-05-19

[21] **2,284,628**  
[13] A1

[51] **Int.Cl. 6A61K 7/025 6A61K 7/027 6A61K 7/031 6A61K 7/032**  
[25] EN  
[54] **WEAR RESISTANT COSMETICS**  
[54] **COSMETIQUES LONGUE DUREE**  
[72] CURTIS, ERNEST S., US  
[72] SHAH, ARVIND N., US  
[72] PAHLCK, HAROLD E., US  
[71] AVON PRODUCTS, INC., US  
[85] 1999-09-20  
[86] 1998-03-12 (PCT/US98/04704)  
[87] 1998-10-01 (WO98/42298)  
[30] US (08/824,510) 1997-03-26

[21] **2,284,629**  
[13] A1

[51] **Int.Cl. 6B66B 5/04 6B66B 1/32**  
[25] EN  
[54] **HYDRAULIC BRAKE CONTROLLER**  
[54] **COMMANDE DE FREIN HYDRAULIQUE**  
[72] MURPHY, JAMES L., US  
[72] HUEN, TONY S., US  
[72] BALDWIN, PAUL L., US  
[72] KOSHAK, JOHN W., US  
[71] INVENTIO AG, CH  
[85] 1999-09-23  
[86] 1998-03-16 (PCT/US98/05129)  
[87] 1998-10-01 (WO98/42610)  
[30] US (08/832,327) 1997-03-26

[21] **2,284,630**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/92**  
[25] EN  
[54] **METHOD FOR DETECTING CANCER ASSOCIATED WITH ALTERED CONCENTRATIONS OF LYSOPHOSPHOLIPIDS**  
[54] **PROCEDE DE DETECTION DE CANCERS LIE A DES CONCENTRATIONS ANORMALES DE LYSOPHOSPHOLIPIDES**  
[72] MILLS, GORDON B., US  
[72] GAUDETTE, DOUGLAS C., US  
[72] HOLUB, BRUCE J., US  
[71] ATAIRGIN BIOTECGHNOLOGIES, INC., US  
[71] UNIVERSITY OF GUELPH, CA  
[85] 1999-09-21  
[86] 1998-03-23 (PCT/US98/05738)  
[87] 1998-10-01 (WO98/43093)  
[30] US (08/822,128) 1997-03-21

[21] **2,284,631**  
[13] A1

[51] **Int.Cl. 6G02B 6/42**  
[25] EN  
[54] **CONNECTOR FOR AT LEAST ONE OPTICAL FIBRE**  
[54] **CONNECTEUR POUR AU MOINS UNE FIBRE OPTIQUE**  
[72] BLOM, CLAES, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/SE98/00527)  
[87] 1998-09-24 (WO98/41889)  
[30] SE (9701027-6) 1997-03-20

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[21] **2,284,632**  
[13] A1

[51] **Int.Cl. 6C12Q 1/527 6G01N 33/574**  
[25] EN  
[54] **RAPID METHOD OF CANCER DIAGNOSIS**  
[54] **PROCEDE DE DIAGNOSTIQUE RAPIDE DU CANCER**  
[72] PUSCAS, IULIANA CARMEN, RO  
[72] PUSCAS, IOAN, RO  
[72] COLTAU, MARCELA, RO  
[72] BAICAN, MICHAEL, DE  
[72] DOMUTA, GABRIELA, RO  
[71] PUSCAS, IULIANA CARMEN, RO  
[71] PUSCAS, IOAN, RO  
[71] COLTAU, MARCELA, RO  
[71] BAICAN, MICHAEL, DE  
[71] DOMUTA, GABRIELA, RO  
[85] 1999-09-15  
[86] 1998-03-13 (PCT/EP98/01465)  
[87] 1998-09-24 (WO98/41649)  
[30] RO (97-00502) 1997-03-17

[21] **2,284,633**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07K 9/00 6C07H 21/04 6A61K 38/08 6A61K 38/10 6A61K 38/19 6A61K 38/20 6C07K 14/52 6C07K 14/54 6C12Q 1/70**  
[25] EN  
[54] **CHEMOKINES THAT INHIBIT IMMUNODEFICIENCY VIRUS INFECTION AND METHODS BASED THEREON**  
[54] **CHEMOKINES INHIBANT LES INFECTIONS A VIRUS D'IMMUNODEFICIENCE ET METHODES BASEES SUR CELLES-CI**  
[72] DEVICO, ANTHONY L., US  
[72] GALLO, ROBERT C., US  
[72] GARZINO-DEMO, ALFREDO, US  
[71] UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE, US  
[85] 1999-09-24  
[86] 1998-03-26 (PCT/US98/05987)  
[87] 1998-10-01 (WO98/42354)  
[30] US (08/826,133) 1997-03-26

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[13] A1

[51] **Int.Cl. 6G01N 27/28 6G01N 27/403**  
[25] EN  
[54] **SENSOR CONNECTION MEANS**  
[54] **SONDE ELECTROCHIMIQUE**  
[72] CHAMBERS, GARRY, AU  
[72] HODGES, ALASTAIR MCINDOE, AU  
[72] MAXWELL, IAN ANDREW, AU  
[72] BECK, THOMAS WILLIAM, AU  
[71] USF FILTRATION AND SEPARATIONS GROUP INC., US  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/AU98/00184)  
[87] 1998-10-01 (WO98/43073)  
[30] AU (PO5813) 1997-03-21

[21] **2,284,635**  
[13] A1

[51] **Int.Cl. 6C21D 8/02**  
[25] EN  
[54] **HOT-ROLLING STEEL STRIP**  
[54] **LAMINAGE A CHAUD DE FEUILLARD D'ACIER**  
[72] KAWALLA, RUDOLF, DE  
[72] WOLPERT, WALDEMAR, DE  
[72] ESPENHAHN, MANFRED, DE  
[72] PIRCHER, HANS, DE  
[71] THYSEN STAHL AG, DE  
[85] 1999-09-24  
[86] 1998-03-07 (PCT/EP98/01338)  
[87] 1998-10-01 (WO98/42881)  
[30] DE (197 12 616.2) 1997-03-26

[21] **2,284,636**  
[13] A1

[51] **Int.Cl. 6B65H 5/00**  
[25] EN  
[54] **AUTOMATIC FEEDER AND INVERTER FOR FABRIC WORKPIECES**  
[54] **DISTRIBUTEUR ET RETOURNEUR AUTOMATIQUES POUR PIECE EN TISSU**  
[72] KIM, FRANK C. H., US  
[72] SILVA, PEDRO T., US  
[72] AMIGH, STEVEN ALAN, US  
[72] BLOUNT, TIMOTHY MATTHEW, US  
[72] KLUSMANN, DONALD L., US  
[72] MUELLER, FREDERICK N., US  
[72] HALLAND, KENT JOELL, US  
[72] LIN, WEI-CHIN, US  
[71] LEVI STRAUSS & CO., US  
[85] 1999-09-20  
[86] 1998-03-16 (PCT/US98/05183)  
[87] 1998-10-01 (WO98/42605)  
[30] US (08/821,784) 1997-03-21

[21] **2,284,637**  
[13] A1

[51] **Int.Cl. 6F16K 7/17**  
[25] EN  
[54] **DIAPHRAGM VALVE**  
[54] **VANNE A MEMBRANE**  
[72] BÄCKLUND, INGVAR, SE  
[71] ROBOVALVE AB, SE  
[85] 1999-09-24  
[86] 1998-04-03 (PCT/SE98/00621)  
[87] 1998-10-15 (WO98/45629)  
[30] SE (9701242-1) 1997-04-04

[21] **2,284,638**  
[13] A1

[51] **Int.Cl. 6H03M 13/00**  
[25] EN  
[54] **LIST OUTPUT VITERBI DECODING WITH CRC OUTER CODE FOR MULTI-RATE SIGNAL**  
[54] **DECODAGE VITERBI A SORTIE EN LISTE A CODE DE REDONDANCE CYCLIQUE EXTERNE POUR SIGNAL MULTI-DEBIT**  
[72] BAR-DAVID, AYAL, IL  
[72] STEIN, JEREMY M., IL  
[71] QUALCOMM INCORPORATED, US  
[85] 1999-09-20  
[86] 1998-03-20 (PCT/US98/05706)  
[87] 1998-10-01 (WO98/43360)  
[30] US (08/821,845) 1997-03-21

[21] **2,284,639**  
[13] A1

[51] **Int.Cl. 6E21B 47/06 6E21B 47/12**  
[25] EN  
[54] **SUBSURFACE MEASUREMENT APPARATUS, SYSTEM, AND PROCESS FOR IMPROVED WELL DRILLING, CONTROL, AND PRODUCTION**  
[54] **APPAREIL, SYSTEME, ET PROCEDE DE MESURE SOUTERRAINE PERMETTANT UN CONTROLE, UNE PRODUCTION, ET UN FORAGE DE Puits AMELIORES**  
[72] WARD, CHRISTOPHER D., US  
[71] DRESSER INDUSTRIES, INC., US  
[85] 1999-09-24  
[86] 1998-03-17 (PCT/US98/05249)  
[87] 1998-10-01 (WO98/42948)  
[30] US (60/042,074) 1997-03-25

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<p style="text-align: right;">[21] <b>2,284,640</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/10 6B32B 25/04</b> [25] EN [54] <b>ELASTOMERIC LAMINATES AND COMPOSITES</b> [54] <b>STRATIFIES ET COMPOSITES ELASTOMERES</b> [72] PETERSON, JANE K., US [72] DEEB, GERALD S., US [72] KRUEGER, DENNIS L., US [71] THE MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-09-20 [86] 1997-12-12 (PCT/US97/23228) [87] 1998-07-23 (WO98/31743) [30] US (08/785,117) 1997-01-21 [30] US (08/896,971) 1997-07-18</p>	<p style="text-align: right;">[21] <b>2,284,643</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 21/08</b> [25] EN [54] <b>WIDE BAND PLANAR RADIATOR</b> [54] <b>RADIATEUR PLAN A LARGE BANDE</b> [72] ROTHE, LUTZ, DE [72] GERHARD, WALTER, DE [71] PATES TECHNOLOGY PATENTVERWERTUNGSGESELLSCHAFT FUR SATELLITEN- UND MODER, DE [85] 1999-09-24 [86] 1998-03-25 (PCT/EP98/01757) [87] 1998-06-25 (WO98/26642) [30] DE (197 12 510.7) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,284,646</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 221/16 6C07C 25/02 6C07C 17/16 6C07D 213/81</b> [25] EN [54] <b>SYNTHESIS OF INTERMEDIATES USEFUL IN PREPARING TRICYCLIC COMPOUNDS</b> [54] <b>SYNTHESE D'INTERMEDIAIRES UTILES DANS LA PREPARATION DE COMPOSES TRICYCLIQUES</b> [72] CHEN, XING, US [72] WONG, YEE-SHING, US [72] POIRIER, MARC, US [72] WU, GUANG-ZHONG, US [71] SCHERING CORPORATION, US [85] 1999-09-20 [86] 1998-03-23 (PCT/US98/03812) [87] 1998-10-01 (WO98/42676) [30] US (08/823,928) 1997-03-25</p>
<p style="text-align: right;">[21] <b>2,284,641</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01M 19/00 6G01N 29/24 6G01N 27/87</b> [25] EN [54] <b>INSPECTION WITH GLOBAL POSITIONING AND INERTIAL NAVIGATION</b> [54] <b>INSPECTION PAR POSITIONNEMENT GLOBAL ET NAVIGATION PAR INERTIE</b> [72] HAY, BURNS ROSS, CA [72] SMITH, JIM W. K., CA [71] BJ SERVICES COMPANY, US [85] 1999-09-24 [86] 1998-03-23 (PCT/US98/05601) [87] 1998-10-01 (WO98/43062) [30] US (60/042,339) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,644</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A22C 29/04 6B65B 35/56</b> [25] EN [54] <b>A SHELL FEEDER APPARATUS</b> [54] <b>APPAREIL D'ALIMENTATION DE COQUILLAGES</b> [72] EARNSHAW, DENNIS CHARLES, AU [71] OCTA TECHNOLOGIES PTY. LTD., AU [85] 1999-09-20 [86] 1998-03-20 (PCT/AU98/00179) [87] 1998-10-01 (WO98/42197) [30] AU (PO 5786) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,647</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/50</b> [25] EN [54] <b>PREPARATION OF TERTIARY PHOSPHINES VIA NICKEL-CATALYZED CROSS COUPLING</b> [54] <b>PREPARATION DE PHOSPHINES TERTIAIRES PAR COUPLAGE CROISE CATALISEE PAR DU NICKEL</b> [72] EISENSTADT, AMIHIA, IL [72] AGER, DAVID J., US [72] LANEMAN, SCOTT A., US [71] NSC TECHNOLOGIES, LLC, US [85] 1999-09-24 [86] 1998-03-26 (PCT/US98/06003) [87] 1998-10-01 (WO98/42716) [30] US (08/824,309) 1997-03-26</p>
<p style="text-align: right;">[21] <b>2,284,642</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/02 6C07K 1/00 6C07K 14/00 6C12P 21/06</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF BREAST CANCER</b> [54] <b>PROCEDES ET COMPOSITIONS DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER DU SEIN</b> [72] PAPAS, TAKIS S., US [72] SETH, ARUN K., CA [72] VOURNAKIS, JOHN N., US [71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US [85] 1999-09-21 [86] 1998-03-20 (PCT/US98/05629) [87] 1998-10-01 (WO98/42725) [30] US (60/044,425) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,645</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 23/26</b> [25] EN [54] <b>APPARATUS FOR CAPACITIVE ELECTRICAL DETECTION</b> [54] <b>APPAREIL DE DETECTION ELECTRIQUE CAPACITIVE</b> [72] ENGBRETSSEN, BJORN, NO [72] HALLERAKER, JON MORTEN, NO [71] SENTECH AS, NO [85] 1999-09-21 [86] 1998-04-06 (PCT/NO98/00115) [87] 1998-10-15 (WO98/45672) [30] NO (971615) 1997-04-08</p>	<p style="text-align: right;">[21] <b>2,284,648</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/24</b> [25] EN [54] <b>TONGUE SCRAPER AND IRRIGATOR HAVING A CURVED BLADE</b> [54] <b>RACLE A LANGUE ET IRRIGATEUR A LAME INCURVEE</b> [72] FOLEY, RITA S., US [72] FOLEY, PATRICK F., US [71] FOLEY, RITA S., US [71] FOLEY, PATRICK F., US [85] 1999-09-24 [86] 1998-03-24 (PCT/US98/05712) [87] 1998-10-01 (WO98/42264) [30] US (08/824,502) 1997-03-26</p>

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<p style="text-align: right;">[21] <b>2,284,649</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B07B 9/00</b> [25] EN [54] <b>SORTING WASTE MATERIALS</b> [54] <b>TRI DE MATIERES-DECHETS</b> [72] WHITE, ROGER, GB [71] WHITE, ROGER, GB [85] 1999-09-20 [86] 1998-03-20 (PCT/GB98/00854) [87] 1998-10-01 (WO98/42455) [30] GB (9705874.7) 1997-03-21</p>	<p style="text-align: right;">[21] <b>2,284,652</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41B 7/08</b> [25] EN [54] <b>RING AIRFOIL LAUNCHER</b> [54] <b>LANCEUR DE PLANS DE SUSTENTATION ANNULAIRES</b> [72] YOUNG, PETER S., US [72] LAW, WILLIAM S., US [72] BROWNELL, ROBERT B., JR., US [72] CAZALET, PETER M., US [72] FLATAU, ABRAHAM, US [72] GRIMM, THOMAS H., US [72] MEUNIoT, ARTURO, US [72] KIM, SUNG H., US [72] SORENSEN, MARK C., US [72] VANEK, CHESTER F., US [72] HUNTER, JOHN W., US [71] ODDZON, INC., US [85] 1999-09-20 [86] 1998-10-07 (PCT/US98/21167) [87] 1999-07-29 (WO99/37968) [30] US (09/010,431) 1998-01-21 [30] US (09/092,564) 1998-06-05</p>	<p style="text-align: right;">[21] <b>2,284,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 13/20 6A47L 13/16</b> [25] EN [54] <b>A CLEANING IMPLEMENT COMPRISING A REMOVABLE CLEANING PAD HAVING MULTIPLE CLEANING SURFACES</b> [54] <b>USTENSILE DE NETTOYAGE COMPRENANT UN TAMPON NETTOYEUR AMOVIBLE A PLUSIEURS SURFACES NETTOYANTES</b> [72] POLICICCHIO, NICOLA JOHN, US [72] FERESHTEHKHOU, SAEED, US [72] HOLT, STEVEN ALLEN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-09-20 [86] 1998-03-16 (PCT/IB98/00355) [87] 1998-10-01 (WO98/42246) [30] US (60/041,274) 1997-03-20</p>
<p style="text-align: right;">[21] <b>2,284,650</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A44B 21/00</b> [25] EN [54] <b>MAGNETIC ATTACHMENT DEVICE</b> [54] <b>DISPOSITIF DE FIXATION MAGNETIQUE</b> [72] MARS, MARY KAY, US [71] MARS, MARY KAY, US [85] 1999-09-24 [86] 1998-03-25 (PCT/US98/05561) [87] 1998-10-01 (WO98/42225) [30] US (08/824,562) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,653</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 49/00</b> [25] EN [54] <b>TETRAAZA- OR N2S2-COMPLEXANTS, AND THEIR USE IN RADIODIAGNOSTICS OR RADIOTHERAPY</b> [54] <b>COMPLEXANTS TETRAAZA- OU N2S2, ET LEUR UTILISATION EN RADIODIAGNOSTIC OU EN RADIOTHERAPIE</b> [72] KASINA, SUDHAKAR, US [71] NEORX CORPORATION, US [85] 1999-09-20 [86] 1998-03-26 (PCT/US98/05858) [87] 1998-10-08 (WO98/43678) [30] US (08/829,533) 1997-03-28</p>	<p style="text-align: right;">[21] <b>2,284,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 7/02 6H02K 7/08 6H02K 7/09</b> [25] EN [54] <b>FLYWHEEL POWER SUPPLY</b> [54] <b>ALIMENTATION DE VOLANT MAGNETIQUE</b> [72] BUSHKO, DARIUSZ A., US [72] RAO, GITA P., US [72] SERDAR, LUKA, US [72] O'ROURKE, JAMES, US [72] NIMBLETT, FRANCIS E., US [72] AMARAL, MICHAEL E., US [72] STANTON, WILLIAM E., US [72] LANSBERRY, GEOFFREY B., US [72] HOCKNEY, RICHARD L., US [72] NICHOLS, STEPHEN B., US [71] SATCON TECHNOLOGY CORPORATION, US [85] 1999-09-20 [86] 1998-03-13 (PCT/US98/05278) [87] 1998-10-01 (WO98/43341) [30] US (08/824,862) 1997-03-26</p>
<p style="text-align: right;">[21] <b>2,284,651</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62C 13/62 6B05B 1/26</b> [25] EN [54] <b>APPARATUS AND METHOD FOR FIRE SUPPRESSION</b> [54] <b>APPAREIL ET PROCEDE D'EXTINCTION</b> [72] ROBIN, MARK L., US [72] GINN, STEVEN T., US [72] SAIN, MICHAEL C., US [72] ELLIS, ERNEST E., JR., US [71] GREAT LAKES CHEMICAL CORPORATION, US [71] METALCRAFT, INCORPORATED, US [85] 1999-09-20 [86] 1998-02-11 (PCT/US98/02878) [87] 1998-09-24 (WO98/41286) [30] US (60/039,356) 1997-03-19 [30] US (08/862,980) 1997-05-23</p>		

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,284,656</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b> [25] EN [54] <b>AEROSOL DISPENSING DEVICE</b> [54] <b>DISPOSITIF DE DIFFUSION D'AEROSOL</b> [72] BACON, RAYMOND JOHN, GB [71] BACON, RAYMOND JOHN, GB [85] 1999-09-20 [86] 1998-03-16 (PCT/GB98/00770) [87] 1998-09-24 (WO98/41254) [30] GB (9705657.6) 1997-03-19</p>	<p style="text-align: right;">[21] <b>2,284,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48</b> [25] EN [54] <b>KERATOTIC PLUG REMOVER</b> [54] <b>PRODUIT COSMETIQUE SERVANT A ENLEVER DES BOUCHONS KERATOSIQUES</b> [72] CROTTY, BRIAN ANDREW, US [72] JOHNSON, ANTHONY WILLIAM, US [72] MINER, PHILIP EDWARD, US [72] ZNAIDEN, ALEXANDER PAUL, US [71] UNILEVER PLC, GB [85] 1999-09-20 [86] 1998-03-16 (PCT/EP98/01767) [87] 1998-10-01 (WO98/42304) [30] US (60/039,378) 1997-03-20</p>	<p style="text-align: right;">[21] <b>2,284,662</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07C 15/00 6G07G 1/14 6G06F 17/60</b> [25] EN [54] <b>METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A POINT-OF-SALE TERMINAL</b> [54] <b>PROCEDE ET SYSTEME DE TRAITEMENT DE VENTES DE PRODUITS SUPPLEMENTAIRES A UN TERMINAL DE POINT DE VENTE</b> [72] VAN LUCHENE, ANDREW S., US [72] WALKER, JAY S., US [72] JORASCH, JAMES A., US [72] JINDAL, SANJAY K., US [72] ALDERUCCI, DEAN A., US [71] WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP, US [85] 1999-09-20 [86] 1998-03-20 (PCT/US98/05787) [87] 1998-10-01 (WO98/43149) [30] US (08/822,709) 1997-03-21 [30] US (08/841,791) 1997-05-05 [30] US (08/920,116) 1997-08-26 [30] US (09/045,386) 1998-03-20 [30] US (09/045,036) 1998-03-20 [30] US (09/045,347) 1998-03-20 [30] US (09/045,518) 1998-03-20 [30] US (09/045,084) 1998-03-20</p>
<p style="text-align: right;">[21] <b>2,284,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6B29B 9/00 6A61K 7/00 6C08L 83/04 6B01J 2/18 6B01J 2/20</b> [25] EN [54] <b>PROCESS FOR PREPARING SILICONE ELASTOMER COMPOSITIONS</b> [54] <b>METHODE DE PREPARATION DE COMPOSITIONS D'ELASTOMERE DE SILICONE</b> [72] DOBKOWSKI, BRIAN JOHN, US [72] CHENEY, MICHAEL CHARLES, US [72] MANZARI, KENNETH PAUL, US [72] DIVONE, PETER ANTHONY, US [72] BIERCEVICZ, WALTER ANTHONY, US [72] PLIEGO, SALVADOR, US [71] UNILEVER PLC, GB [85] 1999-09-20 [86] 1998-03-19 (PCT/GB98/00828) [87] 1998-10-01 (WO98/42307) [30] US (08/822406) 1997-03-20</p>	<p style="text-align: right;">[21] <b>2,284,660</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16H 3/083 6F16H 3/089</b> [25] EN [54] <b>PRELOAD CONSTANT MESH GEARBOX</b> [54] <b>BOITE D'ENGRENAGE A PRISE CONSTANTE A PRECHARGE</b> [72] MARTIN, WILLIAM WESLEY, AU [71] PRELOAD GEARBOX LIMITED, AU [85] 1999-09-20 [86] 1998-03-19 (PCT/AU98/00181) [87] 1998-09-24 (WO98/41779) [30] AU (PP5708) 1997-03-19 [30] AU (PP0040) 1997-10-28 [30] AU (PP0190) 1997-11-05 [30] AU (PP0779) 1997-12-08</p>	<p style="text-align: right;">[21] <b>2,284,663</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/20 6A61K 9/26 6A61K 9/46</b> [25] EN [54] <b>RAPIDLY DISSOLVING ROBUST DOSAGE FORM</b> [54] <b>DISSOLUTION RAPIDE DE FORME POSOLOGIQUE DE BONNE TENUE</b> [72] CHASTAIN, SARA J., US [72] HONTZ, JOHN, US [72] KHANKARI, RAJENDRA K., US [72] KATZNER, LEO, US [71] CIMA LABS INC., US [85] 1999-09-16 [86] 1998-04-13 (PCT/US98/07216) [87] 1998-10-22 (WO98/46215) [30] US (60/043,242) 1997-04-16 [30] US (09/057,884) 1998-04-09</p>
<p style="text-align: right;">[21] <b>2,284,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>A METHOD FOR ASSEMBLING BODY FITTING COMPOUND SANITARY NAPKIN</b> [54] <b>PROCEDE PERMETTANT D'ASSEMBLER UNE SERVIETTE HYGIENIQUE COMPOSEE S'ADAPTANT AU CORPS</b> [72] SEKI, SHINICHIRO, JP [72] BURNS, JOHN JR., JP [72] OETJEN, DAVID, JP [72] OYENUGA, CHARLES, JP [72] MACHIDA, KENICHIRO, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-09-20 [86] 1997-03-31 (PCT/US97/05241) [87] 1998-10-08 (WO98/43581)</p>	<p style="text-align: right;">[21] <b>2,284,661</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/02</b> [25] EN [54] <b>INSTRUMENT FOR EVALUATING BALANCE OF KNEE JOINT</b> [54] <b>INSTRUMENT DE MESURE DE L'EQUILIBRE DE L'ARTICULATION DU GENOU</b> [72] SWEAT, ERROLL, US [72] WEIKEL, STUART, US [72] MILBURN, MARK E., US [72] LESTER, MARK B., US [72] NUELLE, DOUGLAS G., US [71] SULZER ORTHOPEDICS INC., US [85] 1999-09-20 [86] 1999-01-20 (PCT/US99/01166) [87] 1999-07-22 (WO99/35972) [30] US (09/009,070) 1998-01-20</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,284,664</b> [13] A1</p> <p>[51] Int.Cl. 6A23L 1/304 6A61K 33/24 6A23L 1/30</p> <p>[25] EN</p> <p>[54] NUTRITIONAL SUPPLEMENTS FOR IMPROVING GLUCOSE METABOLISM</p> <p>[54] SUPPLEMENTS NUTRITIONNELS AMELIORANT LE METABOLISME DU GLUCOSE</p> <p>[72] WOMACK, RICK W., US</p> <p>[71] PROGRESSIVE RESEARCH LABS, US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-24 (PCT/US98/05646)</p> <p>[87] 1998-10-01 (WO98/42211)</p> <p>[30] US (08/822,483) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,666</b> [13] A1</p> <p>[51] Int.Cl. 6H01K 1/02 6H01K 1/28 6H01K 1/50</p> <p>[25] EN</p> <p>[54] INCANDESCENT MICROCAVITY LIGHTSOURCE AND METHOD</p> <p>[54] SOURCE DE LUMIERE INCANDESCENTE A MICROCAVITE ET PROCEDE</p> <p>[72] EILERS, HERGEN, US</p> <p>[72] THAYER, JEFFREY S., US</p> <p>[72] JAFFE, STEVEN M., US</p> <p>[72] OLMSTED, BRIAN L., US</p> <p>[72] JONES, MICHIEAL L., US</p> <p>[71] QUANTUM VISION, INC., US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-24 (PCT/US98/05977)</p> <p>[87] 1998-10-01 (WO98/43281)</p> <p>[30] US (08/827,189) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,669</b> [13] A1</p> <p>[51] Int.Cl. 6A61K 9/10 6C01F 7/00 6A01N 25/04 6A01N 59/06 6A61K 33/10 6C01B 31/30</p> <p>[25] EN</p> <p>[54] IMPROVED DASC COMPOSITIONS, PROCESS FOR PREPARING SAME AND SUSPENSIONS CONTAINING SAME</p> <p>[54] COMPOSITIONS A BASE DE DASC, PROCEDE DE PRODUCTION ET SUSPENSION LES CONTENANT</p> <p>[72] SWINSON, JOEL, US</p> <p>[72] BLUM, DAVID B., US</p> <p>[72] GILES, RICHARD, US</p> <p>[72] PITKIN, JACK, US</p> <p>[72] FLEMING, GLENDA, US</p> <p>[71] CHATTEM CHEMICALS, INC., US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-26 (PCT/US98/05879)</p> <p>[87] 1998-10-01 (WO98/42314)</p> <p>[30] US (08/824,509) 1997-03-26</p>
<p style="text-align: right;">[21] <b>2,284,665</b> [13] A1</p> <p>[51] Int.Cl. 6C12N 15/70 6C07K 19/00 6A61K 51/10 6C12N 1/21 6C07K 16/28 6A61K 47/48 6G01N 33/577 6C12N 15/62 6G01N 33/68</p> <p>[25] EN</p> <p>[54] RECOMBINANT ANTIBODIES AND IMMUNOCONJUGATES TARGETED TO CD-22 BEARING CELLS AND TUMORS</p> <p>[54] ANTICORPS DE RECOMBINAISON ET IMMUNOCONJUGUES CIBLES SUR DES CELLULES ET TUMEURS SERVANT DE SUPPORT A CD-22</p> <p>[72] FITZGERALD, DAVID, US</p> <p>[72] KREITMAN, ROBERT, US</p> <p>[72] PASTAN, IRA, US</p> <p>[72] MANSFIELD, ELIZABETH, US</p> <p>[71] THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF T, US</p> <p>[85] 1999-09-15</p> <p>[86] 1998-03-19 (PCT/US98/05453)</p> <p>[87] 1998-09-24 (WO98/41641)</p> <p>[30] US (60/041,437) 1997-03-20</p>	<p style="text-align: right;">[21] <b>2,284,667</b> [13] A1</p> <p>[51] Int.Cl. 6A61K 7/48 6A61K 7/06</p> <p>[25] EN</p> <p>[54] USE OF BAMBARA NUT SEED EXTRACT(S) IN A COSMETIC COMPOSITION</p> <p>[54] UTILISATION D'EXTRAIT(S) DE GRAINES DE POIS BAMBARA DANS UNE COMPOSITION COSMETIQUE</p> <p>[72] PAULY, GILLES, FR</p> <p>[71] LABORATOIRES SEROLOGIQUES (SOCIETE ANONYME), FR</p> <p>[85] 1999-09-24</p> <p>[86] 1998-02-17 (PCT/FR98/00306)</p> <p>[87] 1998-10-01 (WO98/42305)</p> <p>[30] FR (97/03917) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,670</b> [13] A1</p> <p>[51] Int.Cl. 6C04B 35/65 6C04B 38/00 6C23C 8/20 6C04B 41/88</p> <p>[25] EN</p> <p>[54] A METHOD OF MANUFACTURING A REFRACTORY ARTICLE AND A REFRACTORY ARTICLE MANUFACTURED THEREBY</p> <p>[54] PROCEDE DE FABRICATION D'UN ARTICLE REFRACTAIRE ET ARTICLE REFRACTAIRE AINSI FABRIQUE</p> <p>[72] BIRUKOV, ANATOLY, RU</p> <p>[72] GORDEEV, SERGEY, RU</p> <p>[72] MOROZOV, VLADIMIR, RU</p> <p>[72] ZHUKOV, SERGEY, RU</p> <p>[71] FRENTON LIMITED, GB</p> <p>[85] 1999-09-24</p> <p>[86] 1997-03-27 (PCT/EP97/01566)</p> <p>[87] 1998-10-08 (WO98/43926)</p>
	<p style="text-align: right;">[21] <b>2,284,668</b> [13] A1</p> <p>[51] Int.Cl. 6A23J 1/14 6A23C 20/00 6A23G 9/02 6A23C 11/06 6A23C 11/10 6A23J 3/16 6A23K 1/16 6A23L 1/164 6A23L 1/20 6A23L 1/305 6A23L 1/314 6A23L 1/317 6A23J 3/34 6A23L 2/66</p> <p>[25] EN</p> <p>[54] HIGH BETA-CONGLYCININ PRODUCTS AND THEIR USE</p> <p>[54] PRODUITS A FORTE TENEUR EN BETA-CONGLYCININE ET LEURS UTILISATIONS</p> <p>[72] BRINGE, NEAL A., US</p> <p>[71] MONSANTO COMPANY, US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-04-03 (PCT/US98/06579)</p> <p>[87] 1998-10-15 (WO98/44807)</p> <p>[30] US (60/042,643) 1997-04-04</p>	



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[21] **2,284,671**  
[13] A1

[51] **Int.Cl. 6A61K 39/02 6C12N 15/00 6C12P 19/04**  
[25] EN  
[54] **CARBOHYDRATE ANTIGENS WHICH IMMUNOREACT WITH POLYCLONAL ANTISERA AGAINST H. PYLORI**  
[54] **ANTIGENES CARBOHYDRATES FAISANT MONTRE D'UNE REACTIVITE IMMUNOLOGIQUE AVEC DES ANTISERUMS POLYCLONAUX A L'ENCONTRE D'H. PYLORI**  
[72] HAIDER, KHALEDA, US  
[72] KILLEEN, KEVIN P., US  
[71] AVANT IMMUNOTHERAPEUTICS, INC., US  
[85] 1999-09-24  
[86] 1998-03-25 (PCT/US98/05850)  
[87] 1998-10-01 (WO98/42372)  
[30] US (60/042,403) 1997-03-26  
[30] US (60/043,976) 1997-04-23

[21] **2,284,672**  
[13] A1

[51] **Int.Cl. 6H04N 5/926 6G11B 27/034 6G11B 27/10 6G11B 27/30 6H04N 7/32 6H04N 7/50 6H04N 7/52 6H04N 7/58 6H04N 9/804**  
[25] EN  
[54] **COMPUTER SYSTEM AND PROCESS FOR CAPTURE, EDITING AND PLAYBACK OF MOTION VIDEO COMPRESSED USING INTERFRAME AND INTRAFRAME TECHNIQUES**  
[54] **SYSTEME INFORMATIQUE ET PROCEDE DE SAISIE, D'EDITION ET DE REPRODUCTION DE CINEVIDEO AU MOYEN DE TECHNIQUES INTER-IMAGES ET INTRA-IMAGES**  
[72] HAMILTON, JAMES, US  
[72] ZAWOJSKI, PETER, US  
[72] SPORER, MICHAEL, US  
[72] CORNOG, KATHERINE H., US  
[71] AVID TECHNOLOGY, INC., US  
[85] 1999-09-24  
[86] 1998-03-30 (PCT/US98/06246)  
[87] 1998-10-15 (WO98/46023)  
[30] US (08/832,987) 1997-04-04

[21] **2,284,673**  
[13] A1

[51] **Int.Cl. 6H01Q 11/08 6H01Q 1/36**  
[25] EN  
[54] **AN ANTENNA AND A FEED NETWORK FOR AN ANTENNA**  
[54] **ANTENNE ET RESEAU D'ALIMENTATION D'ANTENNE**  
[72] FILIPOVIC, DANIEL, US  
[72] TASSOUDJI, ALI, US  
[71] QUALCOMM INCORPORATED, US  
[85] 1999-09-24  
[86] 1998-03-25 (PCT/US98/05873)  
[87] 1998-10-08 (WO98/44590)  
[30] US (08/826,309) 1997-03-27

[21] **2,284,674**  
[13] A1

[51] **Int.Cl. 6G01N 33/68 6G01N 33/82**  
[25] EN  
[54] **PREPARATION OF BLOOD SAMPLES FOR DETECTING HOMOCYSTEINE AND/OR FOLATE**  
[54] **PREPARATION D'ECHANTILLONS SANGUINS POUR LA DETERMINATION D'HOMOCYSTEINE ET/OU DE FOLATE**  
[72] PROBST, REINER, DE  
[72] BLUMKE, MATTHIAS, DE  
[71] PROBST, REINER, DE  
[85] 1999-09-24  
[86] 1998-03-27 (PCT/EP98/01830)  
[87] 1998-10-08 (WO98/44351)  
[30] DE (197 13 088.7) 1997-03-27

[21] **2,284,675**  
[13] A1

[51] **Int.Cl. 6A61N 1/365**  
[25] EN  
[54] **SYSTEM OF IMPLANTABLE DEVICES FOR MONITORING AND/OR AFFECTING BODY PARAMETERS**  
[54] **SYSTEME DE DISPOSITIFS IMPLANTABLES CONCU POUR SURVEILLER ET/OU MODIFIER DES PARAMETRES CORPORELS**  
[72] SCHULMAN, JOSEPH H., US  
[72] GORD, JOHN C., US  
[72] DELL, ROBERT DAN, US  
[71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US  
[85] 1999-09-24  
[86] 1998-03-26 (PCT/US98/05964)  
[87] 1998-10-08 (WO98/43700)  
[30] US (60/042,447) 1997-03-27

[21] **2,284,676**  
[13] A1

[51] **Int.Cl. 6A47C 7/38**  
[25] EN  
[54] **NECK SUPPORT DEVICE FOR USE WITH AN AUTOMOBILE SEAT**  
[54] **DISPOSITIF DE MAINTIEN DE LA NUQUE UTILISABLE AVEC UN SIEGE D'AUTOMOBILE**  
[72] HOGAN, JULE, US  
[72] SCHUMAN, STEVEN G., US  
[71] HOGAN & SCHUMAN DEVELOPMENT L.L.C., US  
[85] 1999-09-24  
[86] 1998-03-26 (PCT/US98/05942)  
[87] 1998-10-01 (WO98/42235)  
[30] US (60/042,410) 1997-03-26  
[30] US (09/047,065) 1998-03-24

[21] **2,284,677**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLES PROVIDING IMPROVED FIT WHEN WET**  
[54] **ARTICLES ABSORBANTS PRESENTANT UN AJUSTEMENT AMELIORE A L'ETAT MOUILLE**  
[72] EHRNSPERGER, BRUNO JOHANNES, DE  
[72] YOUNG, GERALD ALFRED, US  
[72] HAYNES, NANCY ANN, US  
[72] LaVON, GARY DEAN, US  
[72] SCHMIDT, MATTIAS, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-09-15  
[86] 1998-03-26 (PCT/IB98/00452)  
[87] 1998-10-08 (WO98/43573)  
[30] US (08/825,072) 1997-03-27

[21] **2,284,678**  
[13] A1

[51] **Int.Cl. 6H04R 9/06 6H04R 1/02 6H04R 7/12**  
[25] EN  
[54] **BROADBAND LOUDSPEAKER**  
[54] **HAUT-PARLEUR LARGE BANDE**  
[72] KOPPEN, KARL HEINZ (Deceased), DE  
[71] SORUS AUDIO AG, DE  
[85] 1999-09-15  
[86] 1998-03-17 (PCT/EP98/01526)  
[87] 1998-09-24 (WO98/42160)  
[30] DE (197 10 967) 1997-03-17

## Demandes PCT entrant en phase nationale

[21] **2,284,679**  
[13] A1

[51] **Int.Cl. 6A61B 17/00**  
[25] EN  
[54] **LAPAROSCOPIC SEALANT APPLICATOR**  
[54] **APPLICATEUR LAPAROSCOPIQUE DE MATIERE OBTURANTE**  
[72] TRUMBULL, HORACE R., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1999-09-16  
[86] 1998-03-27 (PCT/US98/06100)  
[87] 1998-10-01 (WO98/42260)  
[30] US (60/042,549) 1997-03-27

[21] **2,284,680**  
[13] A1

[51] **Int.Cl. 6F02M 45/02 6F01N 3/20 6F02D 41/40**  
[25] EN  
[54] **FOUR-STROKE DIESEL ENGINE WITH CATALYTIC CONVERTER**  
[54] **MOTEUR DIESEL A QUATRE TEMPS AVEC CONVERTISSEUR CATALYTIQUE**  
[72] LENGROTH, STELLAN, SE  
[72] LEIRE-LARSON, BENGT, SE  
[71] VOLVO LASTVAGNAR AB, SE  
[85] 1999-09-16  
[86] 1998-03-16 (PCT/SE98/00474)  
[87] 1998-09-24 (WO98/41753)  
[30] SE (9700967-4) 1997-03-17

[21] **2,284,681**  
[13] A1

[51] **Int.Cl. 6H04N 7/173 6H04N 5/44**  
[25] EN  
[54] **TRANSMISSION AND RECEPTION OF TELEVISION PROGRAMMES AND OTHER DATA**  
[54] **TRANSMISSION ET RECEPTION DE PROGRAMMES TELEVISES ET D'AUTRES DONNEES**  
[72] LIAO, HONGTAO, FR  
[72] FREZAL-HUGONET, CLAIRE, FR  
[72] MOLY, JACQUES, FR  
[72] AGASSE, BERNARD, FR  
[72] YANG, RUI LIANG, FR  
[72] FURET, THIERRY, FR  
[72] DECLERCK, CHRISTOPHE, FR  
[71] CANAL + SOCIÉTÉ ANONYME, FR  
[85] 1999-09-17  
[86] 1997-04-25 (PCT/EP97/02110)  
[87] 1998-10-01 (WO98/43432)  
[30] EP (97400650.4) 1997-03-21

[21] **2,284,682**  
[13] A1

[51] **Int.Cl. 6A61K 31/20**  
[25] EN  
[54] **USE OF DOCOSAHEXANOIC ACID AND ARACHIDONIC ACID ENHANCING THE GROWTH OF PRETERM INFANTS**  
[54] **PROCEDE SERVANT A STIMULER LA CROISSANCE DE NOURRISSONS NES AVANT TERME**  
[72] MERKEL, KIMBERLY L., US  
[72] HANSEN, JAMES W., US  
[72] SCHADE, DEBORAH A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1999-09-16  
[86] 1998-03-20 (PCT/US98/10566)  
[87] 1998-10-15 (WO98/44917)  
[30] US (60/042,366) 1997-03-27

[21] **2,284,683**  
[13] A1

[51] **Int.Cl. 6G09F 19/22**  
[25] EN  
[54] **FIGURATIVE PRINT ON A PLANE PRINT CARRIER AND USE OF SUCH FIGURATIVE PRINT**  
[54] **AFFICHAGE FIGURATIF SUR UN SUPPORT PLAN ET UTILISATION DE CET AFFICHAGE**  
[72] THOMSEN, ERIK BROGAERD, DK  
[71] LOGO PAINT, DK  
[85] 1999-09-16  
[86] 1998-03-25 (PCT/DK98/00119)  
[87] 1998-10-01 (WO98/43231)  
[30] DK (9700140) 1997-03-25

[21] **2,284,684**  
[13] A1

[51] **Int.Cl. 6G05B 19/4093**  
[25] EN  
[54] **CNC MACHINE HAVING INTERACTIVE CONTROL OF CORNER TOLERANCE**  
[54] **MACHINE A COMMANDE NUMERIQUE INFORMATISEE (CNC) COMPORTANT UNE COMMANDE INTERACTIVE DE TOLERANCE DE COIN**  
[72] DE CAUSSIN, DAVID MICHAEL, US  
[72] DE CAUSSIN, GLENN F., US  
[71] GIDDINGS & LEWIS, INC., US  
[85] 1999-09-17  
[86] 1998-03-18 (PCT/US98/05334)  
[87] 1998-09-24 (WO98/41910)  
[30] US (08/820,102) 1997-03-19  
[30] US (09/040,116) 1998-03-17

[21] **2,284,685**  
[13] A1

[51] **Int.Cl. 6C07K 14/47 6C12N 15/12**  
[25] EN  
[54] **NOEY2 GENE COMPOSITIONS AND METHODS OF USE**  
[54] **NOUVELLES COMPOSITIONS DE GENES NOEY2 ET LEURS UTILISATIONS**  
[72] BAST, ROBERT C., JR., US  
[72] XU, FENGJI, US  
[72] YU, YINHUA, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 1999-09-21  
[86] 1998-03-20 (PCT/US98/05723)  
[87] 1998-10-01 (WO98/42830)  
[30] US (60/041,580) 1997-03-21  
[30] US (60/071,263) 1998-01-13

[21] **2,284,686**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07K 16/00 6C12N 5/10 6A61K 38/17 6C07K 14/47 6G01N 33/574**  
[25] EN  
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL TRACT**  
[54] **REACTIFS UTILISES AUX FINS DE LA DETECTION DE TROUBLES DU TRACTUS DIGESTIF ET METHODES AFFERENTES**  
[72] ROBERTS-RAPP, LISA, US  
[72] KLASS, MICHAEL R., US  
[72] KRATOCHVIL, JON D., US  
[72] HODGES, STEVEN C., US  
[72] BILLING-MEDEL, PATRICIA A., US  
[72] COLPITTS, TRACEY L., US  
[72] COHEN, MAURICE, US  
[72] HAYDEN, MARK, US  
[72] GORDON, JULIAN, US  
[72] GRANADOS, EDWARD N., US  
[72] RUSSELL, JOHN C., US  
[72] STROUPE, STEVEN D., US  
[72] FRIEDMAN, PAULA N., US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-09-28  
[86] 1998-03-30 (PCT/US98/06251)  
[87] 1998-10-08 (WO98/44159)  
[30] US (08/828,855) 1997-03-31

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<p style="text-align: right;">[21] <b>2,284,687</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/57 6C12N 5/10 6C12N 15/11 6C12N 1/21 6C07K 16/40 6A61K 38/48 6C12N 9/64 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>KERATINOCYTE DERIVED KALLIKREIN</b></p> <p>[54] <b>CALLICREINE DERIVEE DES KERATINOCYTES</b></p> <p>[72] HILLMAN, JENNIFER L., US</p> <p>[72] LAL, PREETI, US</p> <p>[71] INCYTE PHARMACEUTICALS, INC., US</p> <p>[85] 1999-09-22</p> <p>[86] 1998-03-25 (PCT/US98/05939)</p> <p>[87] 1998-10-01 (WO98/42849)</p> <p>[30] US (08/824,874) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,690</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23B 31/20</b></p> <p>[25] EN</p> <p>[54] <b>SEALED COLLET HAVING IMPROVED RADIAL FLEXIBILITY FOR FACILITATING REMOVAL FROM A LOCKNUT</b></p> <p>[54] <b>PINCE DE SERRAGE HERMETIQUE AYANT UNE FLEXIBILITE RADIALE AMELIOREE QUI FACILITE SON EXTRACTION D'UN CONTRE-ECROU</b></p> <p>[72] STEELE, JACK W., US</p> <p>[71] KENNAMETAL INC., US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-04-03 (PCT/US98/06599)</p> <p>[87] 1998-10-29 (WO98/47651)</p> <p>[30] US (08/847,994) 1997-04-18</p>	<p style="text-align: right;">[21] <b>2,284,692</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02B 27/02</b></p> <p>[25] EN</p> <p>[54] <b>CAMSHAFT CONTROLLER, IN PARTICULAR FOR USE IN AN INDUCTION MANIFOLD SYSTEM FOR A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE</b></p> <p>[54] <b>COMMUTATEUR A CAMES S'UTILISANT NOTAMMENT DANS UN SYSTEME DE COLLECTEUR D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE A CYLINDRES MULTIPLES</b></p> <p>[72] ERNST, VOLKER, DE</p> <p>[72] RENTSCHLER, KLAUS, DE</p> <p>[72] KLOTZ, ARTHUR, DE</p> <p>[72] KOSICKI, JUERGEN, DE</p> <p>[72] GEIGER, MICHAEL, DE</p> <p>[72] ALEX, MATTHIAS, DE</p> <p>[71] FILTERWERK MANN &amp; HUMMEL GMBH, DE</p> <p>[85] 1999-09-24</p> <p>[86] 1998-02-26 (PCT/EP98/01090)</p> <p>[87] 1998-10-01 (WO98/42966)</p> <p>[30] DE (197 12 680.4) 1997-03-26</p>
<p style="text-align: right;">[21] <b>2,284,688</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/56 6C12Q 1/68 6C12N 15/82</b></p> <p>[25] EN</p> <p>[54] <b>CORN PULLULANASE</b></p> <p>[54] <b>PULLULANASE DU MAIS</b></p> <p>[72] BROGLIE, KAREN E., US</p> <p>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US</p> <p>[85] 1999-09-23</p> <p>[86] 1998-05-04 (PCT/US98/09102)</p> <p>[87] 1998-11-12 (WO98/50562)</p> <p>[30] US (60/045,723) 1997-05-06</p>	<p style="text-align: right;">[21] <b>2,284,691</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 4/24</b></p> <p>[25] EN</p> <p>[54] <b>CURRENT SUPPLY BOX</b></p> <p>[54] <b>BOITIER DE CONNEXION ELECTRIQUE</b></p> <p>[72] GOULESQUE, JEAN, FR</p> <p>[71] CABLES ET CONNECTIQUE DE L'ADOUR, FR</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-26 (PCT/FR98/00612)</p> <p>[87] 1998-10-08 (WO98/44592)</p> <p>[30] FR (97/04030) 1997-03-28</p>	<p style="text-align: right;">[21] <b>2,284,693</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 9/04</b></p> <p>[25] EN</p> <p>[54] <b>WASHING APPARATUS COMPRISING A FLOAT BODY</b></p> <p>[54] <b>APPAREIL DE LAVAGE COMPRENANT UN CORPS FLOTTANT</b></p> <p>[72] KARLSSON, BJORN, SE</p> <p>[71] KVAERNER PULPING AB, SE</p> <p>[85] 1999-09-23</p> <p>[86] 1998-03-30 (PCT/SE98/00579)</p> <p>[87] 1998-10-15 (WO98/45531)</p> <p>[30] SE (9701252-0) 1997-04-07</p>
<p style="text-align: right;">[21] <b>2,284,689</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 67/027 6A61K 39/008 6C12N 7/01 6C12N 7/04 6C12N 1/10 6C07K 14/16 6A61K 39/21 6C12N 1/36</b></p> <p>[25] EN</p> <p>[54] <b>ANIMAL MODEL FOR EVALUATION OF VACCINES</b></p> <p>[54] <b>MODELE ANIMAL AUX FINS D'UNE APPRECIATION DE VACCINS</b></p> <p>[72] CHANG, LUNG-JI, US</p> <p>[71] CHANG, LUNG-JI, US</p> <p>[85] 1999-09-28</p> <p>[86] 1998-04-09 (PCT/US98/06944)</p> <p>[87] 1998-10-15 (WO98/44788)</p> <p>[30] US (838,702) 1997-04-09</p> <p>[30] US (848,760) 1997-05-01</p> <p>[30] US (60/069,163) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,284,694</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23G 7/00 6A62D 3/00 6B21D 26/02</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR CONTAINING AND SUPPRESSING EXPLOSIVE DETONATIONS</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE CONFINEMENT ET DE SUPPRESSION DE DETONATIONS D'EXPLOSIFS</b></p> <p>[72] DONOVAN, JOHN L., US</p> <p>[71] DONOVAN, JOHN L., US</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-23 (PCT/US98/05721)</p> <p>[87] 1998-10-22 (WO98/46943)</p> <p>[30] US (08/823,223) 1997-03-24</p>	

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<p style="text-align: center;">[21] <b>2,284,695</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03M 1/76 6H03K 5/00</b> [25] EN [54] <b>PULSE SHAPING AND FILTERING CIRCUIT FOR DIGITAL PULSE DATA TRANSMISSIONS</b> [54] <b>CIRCUIT DE MISE EN FORME D'IMPULSIONS ET DE FILTRAGE POUR TRANSMISSIONS DE DONNEES PAR IMPULSIONS NUMERIQUES</b> [72] DEISCH, CECIL W., US [71] TELLABS OPERATIONS, INC., US [85] 1999-09-23 [86] 1998-03-24 (PCT/US98/05583) [87] 1998-10-01 (WO98/43358) [30] US (08/823,189) 1997-03-24</p>	<p style="text-align: center;">[21] <b>2,284,698</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04F 5/54</b> [25] EN [54] <b>PUMPING-EJECTION APPARATUS</b> [54] <b>INSTALLATION DE POMPAGE ET D'EJECTION</b> [72] POPOV, SERGUEI A., HU [71] PETROUKHINE, EVGUENI D., CY [71] POPOV, SERGUEI A., HU [85] 1999-09-23 [86] 1999-01-26 (PCT/IB99/00134) [87] 1999-07-29 (WO99/37927) [30] RU (98101488) 1998-01-27</p>	<p style="text-align: center;">[21] <b>2,284,701</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04C 2/38 6E04B 1/343 6E04B 1/61</b> [25] EN [54] <b>FRAME SECTION TO BE USED AS A MODULAR STRUCTURAL ELEMENT FOR BUILDINGS, METHOD FOR THE PRODUCTION THEREOF</b> [54] <b>CADRE DESTINE A ETRE UTILISE COMME ELEMENT DE CONSTRUCTION MODULAIRE POUR DES BATIMENTS ET PROCEDE DE FABRICATION D'UN TEL CADRE</b> [72] WEISSINGER, KARL-HEINZ, DE [71] HDB WEISSINGER GMBH, DE [85] 1999-09-23 [86] 1998-03-18 (PCT/DE98/00795) [87] 1998-10-01 (WO98/42932) [30] DE (197 12 347.3-25) 1997-03-25</p>
<p style="text-align: center;">[21] <b>2,284,696</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/08 6A61K 33/18 6A61K 33/40 6A61K 38/44</b> [25] EN [54] <b>OPHTHALMIC NON-IRRITATING IODINE MEDICAMENT AND METHOD</b> [54] <b>MEDICAMENT IODE NON IRRITANT A USAGE OPHTALMIQUE, ET PROCEDE</b> [72] KESSLER, JACK, US [71] SYMBOLLON CORPORATION, US [85] 1999-09-23 [86] 1997-05-31 (PCT/US97/09110) [87] 1998-10-01 (WO98/42313) [30] US (08/826,068) 1997-03-24</p>	<p style="text-align: center;">[21] <b>2,284,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04F 5/54</b> [25] EN [54] <b>PUMPING-EJECTION APPARATUS AND OPERATION METHOD THEREOF</b> [54] <b>PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE POMPAGE ET D'EJECTION ET INSTALLATION DE POMPAGE ET D'EJECTION</b> [72] DOUBINSKI, ANATOLI, RU [72] POPOV, SERGUEI A., HU [71] PETROUKHINE, EVGUENI D., CY [71] POPOV, SERGUEI A., HU [85] 1999-09-23 [86] 1999-01-26 (PCT/IB99/00133) [87] 1999-07-29 (WO99/37926) [30] RU (98101479) 1998-01-27</p>	<p style="text-align: center;">[21] <b>2,284,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 1/54 6B32B 31/00 6D04H 13/00 6B32B 5/04 6B29C 55/06</b> [25] EN [54] <b>STABLE WEB HAVING ENHANCED EXTENSIBILITY AND METHOD FOR MAKING SAME</b> [54] <b>BANDE CONTINUE STABLE AYANT UNE EXTENSIBILITE ACCRUE ET PROCEDE DE FABRICATION DE CETTE BANDE</b> [72] CURRO, JOHN J., US [72] BENSON, DOUGLAS H., US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-09-23 [86] 1998-04-02 (PCT/US98/06645) [87] 1998-10-15 (WO98/45520) [30] US (08/832,875) 1997-04-04</p>
<p style="text-align: center;">[21] <b>2,284,697</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/36 6H04M 3/22 6H04M 3/30</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MONITORING THE OPERATION OF TELECOMMUNICATIONS EQUIPMENT</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE SURVEILLER L'EXPLOITATION D'UN EQUIPEMENT DE TELECOMMUNICATION</b> [72] LUNDBERG, RICHARD, SE [72] KOSTENIUS, TOMAS, SE [72] OMNELL, HAKAN, SE [72] HALLGREN, GUNNAR, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-09-23 [86] 1998-03-20 (PCT/SE98/00513) [87] 1998-10-08 (WO98/44704) [30] US (08/828,936) 1997-03-28</p>	<p style="text-align: center;">[21] <b>2,284,700</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04F 5/02</b> [25] EN [54] <b>LIQUID-GAS EJECTOR</b> [54] <b>EJECTEUR DE GAZ ET DE LIQUIDES</b> [72] POPOV, SERGUEI A., HU [71] POPOV, SERGUEI A., HU [71] PETROUKHINE, EVGUENI D., CY [85] 1999-09-23 [86] 1999-01-26 (PCT/IB99/00135) [87] 1999-07-29 (WO99/37925) [30] RU (98101490) 1998-01-27</p>	<p style="text-align: center;">[21] <b>2,284,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01B 49/06 6A01C 5/08</b> [25] EN [54] <b>GROUND WORKING EQUIPMENT</b> [54] <b>MATERIEL DE TRAVAIL DU SOL</b> [72] TANNER, ERROL ROBERT, NZ [71] VIBRA BLADE (NEW ZEALAND) LIMITED, NZ [85] 1999-09-23 [86] 1998-03-23 (PCT/NZ98/00043) [87] 1998-10-01 (WO98/42175) [30] NZ (299499) 1997-03-25</p>

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[13] A1  
[51] **Int.Cl. 6C07F 9/38 6C07F 9/40 6A61K 31/66**  
[25] EN  
[54] **BIS-PHOSPHONATE CONFUGATES WITH ALKYLATING MOIETIES HAVING ANTITUMOR ACTIVITY**  
[54] **CONJUGUES DE BIS-PHOSPHONATE AVEC DES FRACTIONS ALCOYLANTES, POSSEDANT UNE ACTIVITE ANTITUMORALE**  
[72] D'ALO', SIMONETTA, IT  
[72] MENTA, ERNESTO, IT  
[72] LIVI, VALERIA, IT  
[72] SPINELLI, SILVANO, IT  
[72] CONTI, MARCO, IT  
[71] NOVUSPHARMA S.P.A., IT  
[85] 1999-09-23  
[86] 1998-03-24 (PCT/EP98/01707)  
[87] 1998-10-08 (WO98/43987)  
[30] IT (MI97A000730) 1997-03-27

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[13] A1  
[51] **Int.Cl. 6A61K 47/00**  
[25] EN  
[54] **CHEMICALLY AND THERMALLY STABLE NORASTEMIZOLE FORMULATIONS**  
[54] **FORMULATIONS CHIMIQUEMENT ET THERMIQUEMENT STABLES DE NORASTEMIZOLE**  
[72] REDMON, MARTIN P., US  
[72] BUTLER, HAL T., US  
[72] WALD, STEPHEN A., US  
[71] SEPRACOR INC., US  
[85] 1999-09-23  
[86] 1998-03-25 (PCT/US98/05701)  
[87] 1998-10-01 (WO98/42379)  
[30] US (08/824,477) 1997-03-26  
[30] US (08/851,786) 1997-05-06

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[13] A1  
[51] **Int.Cl. 6F23M 9/06 6F23C 9/00 6F23D 17/00 6F23D 11/40 6F24H 1/43**  
[25] EN  
[54] **A BOILER FITTED WITH A BURNER**  
[54] **CHAUDIERE DE CHAUFFAGE EQUIPEE D'UN BRULEUR**  
[72] ALLEMANN, MARCO, CH  
[72] FULLEMANN, JORG, CH  
[72] BONER, HEINRICH, CH  
[72] ALLEMANN, ANDREAS, CH  
[71] VTH VERFAHRENSTECHNIK FUR HEIZUNG AG, LI  
[85] 1999-09-23  
[86] 1998-03-23 (PCT/CH98/00112)  
[87] 1998-10-01 (WO98/43019)  
[30] CH (718/97) 1997-03-24  
[30] CH (719/97) 1997-03-24  
[30] CH (720/97) 1997-03-24

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[21] **2,284,707**  
[13] A1  
[51] **Int.Cl. 6B29B 7/84 6B29C 49/06 6B29B 11/08 6B29C 49/08 6B29C 45/63**  
[25] EN  
[54] **AROMATIC POLYESTER PREFORM, BLOW MOLDINGS AND PROCESS FOR THE PRODUCTION OF THE PREFORM**  
[54] **PREFORME EN POLYESTER AROMATIQUE, MOULAGES PAR SOUFFLAGE ET PROCEDE DE PRODUCTION DE LADITE PREFORME**  
[72] KOMENOI, AKIO, JP  
[71] TEIJIN LIMITED, JP  
[85] 1999-09-23  
[86] 1999-01-26 (PCT/JP99/00309)  
[87] 1999-07-29 (WO99/37451)  
[30] JP (10/14004) 1998-01-27  
[30] JP (10/14007) 1998-01-27

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[13] A1  
[51] **Int.Cl. 6A61K 7/48 6A61K 7/06 6A61K 9/127 6A61K 33/26**  
[25] EN  
[54] **COSMETIC AND DERMATOLOGICAL AGENT WITH A HARD-MAGNETIC PARTICLE BASE**  
[54] **AGENT COSMETIQUE ET DERMATOLOGIQUE A BASE DE PARTICULES MAGNETIQUES DURES**  
[72] GOLZ-BERNER, KARIN, MC  
[72] DOUCET, OLIVIER, FR  
[72] ZASTROW, LEONHARD, MC  
[71] LANCASTER GROUP GMBH, DE  
[85] 1999-09-23  
[86] 1998-04-09 (PCT/DE98/01074)  
[87] 1998-10-15 (WO98/44895)  
[30] DE (197 15 478.6) 1997-04-10

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[13] A1  
[51] **Int.Cl. 6B22F 1/02 6B22F 3/12**  
[25] EN  
[54] **METHOD FOR MAKING PARTS FROM PARTICULATE FERROUS MATERIAL**  
[54] **PROCEDE DE FABRICATION DE PIECES A PARTIR D'UNE MATIERE FERREUSE PARTICULAIRE**  
[72] DERESH, LEV, US  
[72] BEANE, GLENN L., US  
[72] LASHMORE, DAVID S., US  
[71] MATERIALS INNOVATION, INC., US  
[85] 1999-09-23  
[86] 1998-03-23 (PCT/US98/05597)  
[87] 1998-10-01 (WO98/42466)  
[30] US (60/041,477) 1997-03-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,284,710</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 215/48 6C07B 57/00 6A61K 31/47</b> [25] EN [54] <b>QUINOLINE-2-CARBOXYLIC ACID DERIVATIVE AND ITS USE AS EXCITATORY AMINO ACIDS ANTAGONIST</b> [54] <b>DERIVE D'ACIDE QUINOLEINE-2-CARBOXYLIQUE ET SON UTILISATION EN TANT QU'ANTAGONISTE D'ACIDES AMINES EXCITATEURS</b> [72] BERTANI, BARBARA, IT [72] ALVARO, GIUSEPPE, IT [72] DI FABIO, ROMANO, IT [71] GLAXO WELLCOME SPA, IT [85] 1999-09-23 [86] 1998-03-24 (PCT/EP98/01700) [87] 1998-10-01 (WO98/42673) [30] GB (9706294.7) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 31/10</b> [25] EN [54] <b>PERFLUORINATED ION-EXCHANGE MICROCOMPOSITE CATALYSTS MODIFIED WITH LEWIS ACID</b> [54] <b>CATALYSEURS MICROCOMPOSITES PERFLUORES ECHANGEURS D'IONS MODIFIES PAR UN ACIDE DE LEWIS</b> [72] SUN, QUN, US [72] HARMER, MARK ANDREW, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-09-23 [86] 1998-05-27 (PCT/US98/10760) [87] 1998-12-03 (WO98/53911) [30] US (60/047,969) 1997-05-28 [30] US (09/070,041) 1998-04-30</p>	<p style="text-align: right;">[21] <b>2,284,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/57 6C12P 21/02 6C14C 1/06 6C12P 21/06 6C12N 1/21 6C11D 3/386 6C12N 9/54</b> [25] EN [54] <b>IMPROVED METALLO-ENDOPEPTIDASES</b> [54] <b>METALLO-ENDOPEPTIDASES AMELIOREES</b> [72] VENEMA, GERARD, NL [72] VELTMAN, OENE ROBERT, NL [72] VAN DEN BURG, LAMBERTUS, NL [71] RIJKSUNIVERSITEIT TE GRONINGEN, NL [85] 1999-09-24 [86] 1998-03-23 (PCT/NL98/00164) [87] 1998-10-08 (WO98/44127) [30] EP (97200931.0) 1997-03-27</p>
<p style="text-align: right;">[21] <b>2,284,711</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 2/18 6A01N 61/00 6A01N 31/04 6A61K 31/045 6A61K 31/085 6C09D 7/12 6A01N 31/14 6A61K 35/78</b> [25] EN [54] <b>PRESERVATIVE COMPOSITION CONTAINING TEA TREE OIL (TTO)</b> [54] <b>COMPOSITION CONSERVATRICE CONTENANT DE L'HUILE DU THEIER (TTO)</b> [72] STATON, JOHN ALEXANDER, AU [72] PRIEST, DONALD CHARLES, AU [72] ROWE, JAMES STEVEN, AU [71] MAINSTAR ONE INVESTMENTS PTY. LTD., AU [85] 1999-09-23 [86] 1998-03-24 (PCT/AU98/00192) [87] 1998-10-01 (WO98/42386) [30] AU (PO 5835) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,284,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09C 1/00 6G06F 17/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ARITHMETIC OPERATION AND RECORDING MEDIUM OF METHOD OF OPERATION</b> [54] <b>PROCEDE ET APPAREIL POUR EFFECTUER UNE OPERATION ARITHMETIQUE ET SUPPORT D'ENREGISTREMENT DUDIT PROCEDE</b> [72] MATSUI, MITSURU, JP [71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP [85] 1999-09-24 [86] 1999-01-21 (PCT/JP99/00206) [87] 1999-07-29 (WO99/38142) [30] JP (10/13924) 1998-01-27</p>	<p style="text-align: right;">[21] <b>2,284,715</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16G 1/10 6F16G 5/08</b> [25] EN [54] <b>METHOD OF MAKING A REINFORCING FABRIC FOR POWER TRANSMISSION BELTS</b> [54] <b>PROCEDE DE FABRICATION D'UNE TOILE DE RENFORT POUR COURROIES DE TRANSMISSION DE FORCE</b> [72] GOETTSCH, LARRY DEAN, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 1999-09-23 [86] 1998-02-20 (PCT/US98/03407) [87] 1998-10-22 (WO98/46904) [30] US (08/839,520) 1997-04-14</p>
		<p style="text-align: right;">[21] <b>2,284,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/42</b> [25] EN [54] <b>METHOD OF PLAYING ANNOUNCEMENTS IN TELECOMMUNICATION NETWORK EXCHANGE</b> [54] <b>PROCEDE DE LECTURE D'ANNONCES DANS UN CENTRAL DE RESEAU DE TELECOMMUNICATIONS</b> [72] KORHONEN, AKI, FI [72] TUUNANEN, HEIKKI, FI [71] NOKIA TELECOMMUNICATIONS OY, FI [85] 1999-09-24 [86] 1999-01-25 (PCT/FI99/00047) [87] 1999-08-12 (WO99/40709) [30] FI (980176) 1998-01-27</p>

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[21] **2,284,717**  
[13] A1

[51] **Int.Cl. 6A23K 1/16 6A61K 45/06 6A23K 1/14 6A23K 1/18**  
[25] EN  
[54] **PET FOOD COMPOSITION**  
[54] **COMPOSITION ALIMENTAIRE POUR ANIMAUX DOMESTIQUES**  
[72] REINHART, GREGORY ALLEN, US  
[72] SUNVOLD, GREGORY DEAN, US  
[71] THE IAMS COMPANY, US  
[85] 1999-09-23  
[86] 1998-02-16 (PCT/US98/03072)  
[87] 1998-10-08 (WO98/43493)  
[30] US (08/827,405) 1997-03-27

[21] **2,284,718**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/22**  
[25] EN  
[54] **RADIO NETWORK ACCESS MECHANISM**  
[54] **MECANISME D'ACCES A UN RESEAU RADIO**  
[72] VIRTANEN, KARI, FI  
[71] NOKIA TELECOMMUNICATIONS OY, FI  
[85] 1999-09-24  
[86] 1999-01-28 (PCT/FI99/00057)  
[87] 1999-08-05 (WO99/39534)  
[30] FI (980185) 1998-01-28

[21] **2,284,719**  
[13] A1

[51] **Int.Cl. 6A61K 31/40 6A61K 9/00 6A61K 47/48**  
[25] EN  
[54] **NASAL MELATONIN COMPOSITION**  
[54] **COMPOSITION PERMETTANT L'ADMINISTRATION NASALE DE MELATONINE**  
[72] MERKUS, FRANCISCUS W.H.M., BE  
[71] MERKUS, FRANCISCUS W.H.M., BE  
[85] 1999-09-23  
[86] 1998-03-24 (PCT/EP98/01783)  
[87] 1998-10-01 (WO98/42333)  
[30] EP (97200920.3) 1997-03-26

[21] **2,284,720**  
[13] A1

[51] **Int.Cl. 6A61B 17/36 6A61M 29/02 6A61F 2/06 6A61M 1/12 6A61F 2/14**  
[25] EN  
[54] **METHODS AND APPARATUS FOR TRANSMYOCARDIAL DIRECT CORONARY REVASCULARIZATION**  
[54] **PROCEDES ET APPAREIL POUR LA REVASCULARISATION CORONARIENNE DIRECTE TRANSMYOCARDIQUE**  
[72] JENSEN, MARC, US  
[72] LAMSON, THEODORE C., US  
[72] MAKOWER, JOSHUA, US  
[72] MACHOLD, TIMOTHY R., US  
[72] WHITT, JASON BRIAN, US  
[72] TUMAS, MARGARET W., US  
[72] FLAHERTY, J. CHRISTOPHER, US  
[71] TRANSVASCULAR, INC., US  
[85] 1999-09-23  
[86] 1998-04-13 (PCT/US98/07384)  
[87] 1998-10-22 (WO98/46115)  
[30] US (08/837,295) 1997-04-11

[21] **2,284,721**  
[13] A1

[51] **Int.Cl. 6C07C 51/265 6C07C 63/38**  
[25] EN  
[54] **PROCESS FOR PREPARING 2,6-NAPHTHALENEDICARBOXYLIC ACID**  
[54] **PROCEDE DE PREPARATION D'ACIDE 2,6-NAPHTALENEDICARBOXYLIQUE**  
[72] McMAHON, ROSEMARY F., US  
[72] GREENE, JAMES D., JR., US  
[72] PETERSON, DAVID A., US  
[71] BP AMOCO CORPORATION, US  
[85] 1999-09-23  
[86] 1998-03-17 (PCT/US98/05212)  
[87] 1998-10-01 (WO98/42649)  
[30] US (08/827,039) 1997-03-25

[21] **2,284,722**  
[13] A1

[51] **Int.Cl. 6H04B 7/00 6H04Q 7/18**  
[25] EN  
[54] **GEOGRAPHIC-TEMPORAL SIGNIFICANT MESSAGING**  
[54] **MESSAGERIE A IMPORTANCE GEOGRAPHIQUE-TEMPORELLE**  
[72] BRIANCON, ALAIN CHARLES LOUIS, US  
[72] SUMNER, TERENCE EDWARD, US  
[71] MOTOROLA, INC., US  
[85] 1999-09-23  
[86] 1998-02-16 (PCT/US98/02827)  
[87] 1998-10-01 (WO98/43370)  
[30] US (08/822,024) 1997-03-24

[21] **2,284,723**  
[13] A1

[51] **Int.Cl. 6C07D 251/68 6D06L 3/12**  
[25] EN  
[54] **FLUORESCENT WHITENING AGENTS**  
[54] **AGENTS BLANCHISSANTS FLUORESCENTS**  
[72] ROHRINGER, PETER, CH  
[72] METZGER, GEORGES, FR  
[72] REINEHR, DIETER, DE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 1999-09-23  
[86] 1998-03-14 (PCT/EP98/01495)  
[87] 1998-10-01 (WO98/42685)  
[30] GB (9706110.5) 1997-03-25  
[30] GB (9709980.8) 1997-05-17

[21] **2,284,724**  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **TORIC CONTACT LENSES**  
[54] **LENTILLES DE CONTACT TORIQUES**  
[72] ERICKSON, PAUL M., US  
[72] CHAPMAN, JUDITH E., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 1999-09-23  
[86] 1998-03-27 (PCT/US98/06106)  
[87] 1998-10-15 (WO98/45749)  
[30] US (60/041,922) 1997-04-07

[21] **2,284,725**  
[13] A1

[51] **Int.Cl. 6C08L 23/00 6C08L 23/04 6C08L 23/10 6C08L 23/12 6C08L 23/16**  
[25] EN  
[54] **POLYOLEFIN BLENDS USED FOR NON-WOVEN AND ADHESIVE APPLICATIONS**  
[54] **MELANGES A BASE DE POLYOLEFINE UTILISES DANS DES APPLICATIONS SOUS FORME DE NON-TISSE ET D'ADHESIF**  
[72] GALINDO, FABIAN, US  
[72] THAKKER, MAHENDRA T., US  
[72] JANI, DHARMENDRA, US  
[72] SUSTIC, ANDRES, US  
[71] HUNTSMAN POLYMERS CORPORATION, US  
[85] 1999-09-23  
[86] 1998-03-24 (PCT/US98/05979)  
[87] 1998-10-01 (WO98/42780)  
[30] US (08/822,865) 1997-03-24  
[30] US (60/075,297) 1998-02-20  
[30] US (09/033,172) 1998-03-02

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<p style="text-align: right;">[21] <b>2,284,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395</b> [25] EN [54] <b>ANTAGONISTIC ANTI-AVB3 INTEGRIN ANTIBODIES</b> [54] <b>ANTICORPS DE L'INTEGRINE A ACTION ANTAGONISTE ANTI-AVB3</b> [72] MEYER, DEBRA M., US [72] NICKOLS, G. ALLEN, US [72] CARRON, CHRISTOPHER P., US [71] G.D. SEARLE &amp; CO., US [85] 1999-09-23 [86] 1998-04-09 (PCT/US98/06867) [87] 1998-10-22 (WO98/46264) [30] US (60/043,853) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,284,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/00 6C07K 16/06 6C07K 1/107 6C07K 1/22 6B01J 20/26 6A61K 47/48</b> [25] EN [54] <b>NEOGLYCOPROTEINS</b> [54] <b>NEOGLYCOPROTEINES</b> [72] OHRLEIN, REINHOLD, DE [72] DUTHALER, RUDOLF, CH [72] THOMA, GEBHARD, DE [72] KATOPODIS, ANDREAS, CH [72] KINZY, WILLY, DE [71] NOVARTIS AG, CH [85] 1999-09-23 [86] 1998-04-16 (PCT/EP98/02227) [87] 1998-10-29 (WO98/47915) [30] EP (97810243.2) 1997-04-18 [30] EP (97810244.0) 1997-04-18 [30] GB (9802450.8) 1998-02-05</p>	<p style="text-align: right;">[21] <b>2,284,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 211/60 6C07D 211/12 6C07D 211/14 6C07D 211/20 6C07D 211/22 6A61K 31/445</b> [25] EN [54] <b>ANALOGS OF COCAINE</b> [54] <b>ANALOGUES DE COCAINE</b> [72] KOZIKOWSKI, ALAN P., US [72] ARALDI, GIAN LUCA, US [71] GEORGETOWN UNIVERSITY, US [85] 1999-09-28 [86] 1998-04-07 (PCT/US98/07081) [87] 1998-10-15 (WO98/45263) [30] US (60/042,775) 1997-04-07</p>
<p style="text-align: right;">[21] <b>2,284,727</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 11/25</b> [25] EN [54] <b>INPUT/OUTPUT SUBSYSTEM FOR A CONTROL SYSTEM</b> [54] <b>SOUS-SYSTEME ENTREE/SORTIE DESTINE A UN SYSTEME DE COMMANDE</b> [72] BUDA, PAUL R., US [72] DEW, LARRY A., US [72] BAILEY, JONATHAN H., US [72] STEIFELMEYER, GENE, US [71] SQUARE D COMPANY, US [85] 1999-09-23 [86] 1999-01-25 (PCT/US99/01469) [87] 1999-07-29 (WO99/37435) [30] US (09/012,377) 1998-01-23</p>	<p style="text-align: right;">[21] <b>2,284,730</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 38/17 6C07K 14/47 6G01N 33/53 6G01N 33/68</b> [25] EN [54] <b>METHODS OF MODULATING P33ING1 MEDIATED APOPTOSIS</b> [54] <b>PROCEDES SERVANT A MODULER L' APOPTOSE PROVOQUEE PAR P33ING1</b> [72] JOHNSTON, RANDALL N., CA [72] HELBING, CAREN C., CA [72] RIABOWOL, KARL, CA [72] GARKAVTSEV, IGOR, CA [71] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA [85] 1999-09-23 [86] 1998-03-26 (PCT/CA98/00277) [87] 1998-10-08 (WO98/44102) [30] US (08/828,158) 1997-03-27</p>	<p style="text-align: right;">[21] <b>2,284,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/16 6A61K 38/22 6C07K 16/26 6C07K 14/63</b> [25] EN [54] <b>MOTILIN HOMOLOGS</b> [54] <b>HOMOLOGUES DE LA MOTILINE</b> [72] DEISHER, THERESA A., US [72] SHEPPARD, PAUL O., US [71] ZYMOGENETICS, INC., US [85] 1999-09-21 [86] 1998-03-23 (PCT/US98/05620) [87] 1998-10-01 (WO98/42840) [30] US (08/822,897) 1997-03-24 [30] US (60/041,102) 1997-03-24</p>
<p style="text-align: right;">[21] <b>2,284,728</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/85 6C12N 5/06 6C12N 15/69 6C12N 15/86</b> [25] EN [54] <b>INSECT EXPRESSION VECTORS</b> [54] <b>VECTEURS D'EXPRESSION D'INSECTES</b> [72] THEILMANN, DAVE A., CA [72] PFEIFER, THOMAS A., CA [72] HEGEDUS, DWAYNE D., CA [72] GRIGLIATTI, THOMAS A., CA [71] THE UNIVERSITY OF BRITISH COLUMBIA, CA [85] 1999-09-24 [86] 1998-03-26 (PCT/CA98/00282) [87] 1998-10-08 (WO98/44141) [30] US (60/049,046) 1997-03-27 [30] CA (2,221,819) 1998-01-28</p>	<p style="text-align: right;">[21] <b>2,284,731</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 19/18</b> [25] EN [54] <b>A PROCESS FOR SYNTHESIZING OLIGOSACCHARIDES</b> [54] <b>TECHNIQUE DE SYNTHESE D'OLIGOSACCHARIDES</b> [72] PRIETO, PEDRO A., US [72] KLEMAN-LEYER, KAREN M., US [71] ABBOTT LABORATORIES, US [85] 1999-09-28 [86] 1998-03-30 (PCT/US98/06239) [87] 1998-10-08 (WO98/44145) [30] US (08/829,010) 1997-03-31</p>	<p style="text-align: right;">[21] <b>2,284,734</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/51 6C12N 5/10 6C12N 15/12 6C07K 16/18</b> [25] EN [54] <b>NOVEL MEMBRANE-SECRETED PROTEIN</b> [54] <b>NOUVELLE PROTEINE SECRETEE PAR UNE MEMBRANE</b> [72] KIMURA, NAOKI, JP [72] TOYOSHIMA, TOMOKO, JP [71] CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE, INC., JP [85] 1999-09-28 [86] 1998-04-01 (PCT/JP98/01511) [87] 1998-10-08 (WO98/43998) [30] JP (9/99653) 1997-04-01</p>



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[21] **2,284,735**  
[13] A1

[51] **Int.Cl. 6C12N 5/00 6A61K 49/00 6C12N 15/00**  
[25] EN  
[54] **A TRANSGENIC MODEL OF COLON CANCER AND ANAL CANCER**  
[54] **MODELE TRANSGENIQUE DE CANCER DU COLON ET DE CANCER DE L'ANUS**  
[72] CRISH, JAMES F., US  
[72] ECKERT, RICHARD L., US  
[72] WAGNER, THOMAS E., US  
[71] OHIO UNIVERSITY, US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 1999-09-24  
[86] 1998-03-24 (PCT/US98/05588)  
[87] 1998-10-01 (WO98/42825)  
[30] US (08/822,509) 1997-03-24

[21] **2,284,736**  
[13] A1

[51] **Int.Cl. 6C12N 15/74 6A61K 39/04 6A61K 38/19 6C12N 1/20 6C12N 15/87 6C12N 15/90**  
[25] EN  
[54] **MYCOBACTERIUM RECOMBINANT VACCINES**  
[54] **VACCINS RECOMBINES A BASE DE MYCOBACTERIES**  
[72] LABIDI, ABDEL HAKIM, US  
[71] CYTOCLONAL PHARMACEUTICS, INC., US  
[85] 1999-09-27  
[86] 1998-03-27 (PCT/US98/06056)  
[87] 1998-10-08 (WO98/44096)  
[30] US (60/042,849) 1997-03-28

[21] **2,284,737**  
[13] A1

[51] **Int.Cl. 6C07D 487/04**  
[25] EN  
[54] **-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE DERIVATIVES**  
[54] **DERIVES -1,2,4-TRIAZOLO-1,5-C-PYRIMIDINIQUES**  
[72] SUZUKI, FUMIO, JP  
[72] ICHIMURA, MICHIO, JP  
[72] IMMA, HIRONORI, JP  
[72] TSUMUKI, HIROSHI, JP  
[72] ICHIKAWA, SHUNJI, JP  
[72] NAKAMURA, AKIKO, JP  
[72] KUWANA, YOSHIHISA, JP  
[72] KANDA, TOMOYUKI, JP  
[72] NONAKA, HIROMI, JP  
[72] SHIMADA, JUNICHI, JP  
[72] SHIOZAKI, SHIZUO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/JP98/01266)  
[87] 1998-10-01 (WO98/42711)  
[30] JP (9-69566) 1997-03-24

[21] **2,284,738**  
[13] A1

[51] **Int.Cl. 6A23L 1/302**  
[25] EN  
[54] **NUTRITIONAL COMPOSITION FOR IMPROVEMENTS IN CELL ENERGETICS**  
[54] **COMPOSITION NUTRITIONNELLE SERVANT A AMELIORER LA CAPACITE ENERGETIQUE CELLULAIRE**  
[72] SOLE, MICHAEL J., CA  
[72] JEEJEEBHOY, KHURSHED N., CA  
[71] SOLE, MICHAEL J., CA  
[71] JEEJEEBHOY, KHURSHED N., CA  
[85] 1999-09-21  
[86] 1998-03-25 (PCT/CA98/00286)  
[87] 1998-10-08 (WO98/43617)  
[30] US (08/826,324) 1997-03-27  
[30] US (09/002,765) 1998-01-06

[21] **2,284,739**  
[13] A1

[51] **Int.Cl. 6F16H 25/06 6F01C 1/344**  
[25] EN  
[54] **DESMODROMIC MECHANISM**  
[54] **MECANISME DESMODROMIQUE**  
[72] BAJULAZ, ROGER, CH  
[71] BAJULAZ, ROGER, CH  
[85] 1999-09-17  
[86] 1998-03-10 (PCT/IB98/00310)  
[87] 1998-09-24 (WO98/41781)  
[30] CH (662/97) 1997-03-18

[21] **2,284,740**  
[13] A1

[51] **Int.Cl. 6C02F 3/02 6C02F 9/00 6C02F 3/28 6C02F 3/30**  
[25] EN  
[54] **A SYSTEM FOR PURIFICATION OF DOMESTIC HOUSEHOLD EFFLUENT**  
[54] **SYSTEME POUR PURIFIER LES EFFLUENTS DOMESTIQUES**  
[72] BERKMAN, ELIEZER, IL  
[71] BERKMAN, ELIEZER, IL  
[85] 1999-09-21  
[86] 1998-03-29 (PCT/IL98/00147)  
[87] 1998-10-08 (WO98/43918)  
[30] IL (120583) 1997-04-01

[21] **2,284,741**  
[13] A1

[51] **Int.Cl. 6F16K 3/02**  
[25] EN  
[54] **AUTOMATIC BACK WATER VALVE SYSTEM**  
[54] **CLAPET AUTOMATIQUE ANTI-RETOUR D'EAU**  
[72] COOK, WILLIAM H., US  
[71] COOK, WILLIAM H., US  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/US98/05936)  
[87] 1998-10-01 (WO98/43008)  
[30] US (08/823,809) 1997-03-24

[21] **2,284,742**  
[13] A1

[51] **Int.Cl. 6G01V 1/22 6G01V 1/00**  
[25] EN  
[54] **SEISMIC SURVEYING**  
[54] **PROCESSUS DE PROSPECTION SISMIQUE**  
[72] ZUURBIER, NICO, NO  
[72] BRAGSTAD, HELGE, NO  
[71] GECO AS, NO  
[85] 1999-09-21  
[86] 1998-03-19 (PCT/IB98/00411)  
[87] 1998-10-01 (WO98/43117)  
[30] GB (9706204.6) 1997-03-25

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[21] **2,284,743**  
[13] A1

[51] **Int.Cl. 6A61F 5/56**  
[25] EN  
[54] **PUNCTUM PLUG**  
[54] **BOUCHON POUR POINT LACRYMAL**  
[72] WEBB, NICHOLAS J., US  
[71] EAGLE VISION, INC., US  
[85] 1999-09-21  
[86] 1998-03-27 (PCT/US98/06133)  
[87] 1998-10-01 (WO98/42282)  
[30] US (08/826,216) 1997-03-27

[21] **2,284,744**  
[13] A1

[51] **Int.Cl. 6G01S 13/60 6G01S 13/18 6G01S 13/64**  
[25] EN  
[54] **ALTITUDE AND VELOCITY SENSING SYSTEM**  
[54] **SYSTEME DE MESURE DE VITESSE ET D'ALTITUDE**  
[72] HAGER, JAMES R., US  
[71] HONEYWELL INC., US  
[85] 1999-09-21  
[86] 1997-06-10 (PCT/US97/09747)  
[87] 1998-12-17 (WO98/57192)

[21] **2,284,745**  
[13] A1

[51] **Int.Cl. 6C08L 95/00 6E01C 7/18**  
[25] EN  
[54] **PROCESS FOR PREPARING AN ASPHALT COMPOSITION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION D'ASPHALTE**  
[72] HENDRIKS, HENRICUS  
ENGELBERTUS JOHANNES (Deceased), NL  
[72] STOKER, DIRK ADRIAAN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 1999-09-21  
[86] 1998-04-20 (PCT/EP98/02362)  
[87] 1998-10-29 (WO98/47965)  
[30] EP (97302702.2) 1997-04-21

[21] **2,284,746**  
[13] A1

[51] **Int.Cl. 6F41H 7/03**  
[25] EN  
[54] **GRILLE ARMOR APPLIQUE**  
[54] **BLINDAGE RAPPORTE A GRILLE**  
[72] MIDDIONE, MARK ALBERT, US  
[72] TARANTINO, CHRISTOPHER MICHAEL, US  
[72] SCHADE, DAVID ARTHUR, US  
[71] UNITED DEFENSE L.P., US  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/US98/05934)  
[87] 1998-10-01 (WO98/43035)  
[30] US (08/823,430) 1997-03-24

[21] **2,284,747**  
[13] A1

[51] **Int.Cl. 6C07D 471/14 6A61K 31/435**  
[25] EN  
[54] **TETRAHYDROPYRIDO COMPOUNDS**  
[54] **COMPOSES DE TETRAHYDROPYRIDO**  
[72] GRUNDLER, GERHARD, DE  
[72] SENN-BILFINGER, JORG, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 1999-09-21  
[86] 1998-03-19 (PCT/EP98/01615)  
[87] 1998-10-01 (WO98/42707)  
[30] EP (97104961.4) 1997-03-24  
[30] DE (197 47 929.4) 1997-10-30

[21] **2,284,750**  
[13] A1

[51] **Int.Cl. 6C07J 41/00 6C07J 53/00 6C07J 63/00 6C07J 71/00 6A61K 31/565**  
[25] EN  
[54] **STEROID SULFAMATES, METHOD FOR THE PRODUCTION AND USE THEREOF**  
[54] **SULFAMATE DE STEROIDE, PROCEDE DE PRODUCTION ET UTILISATION DE CETTE SUBSTANCE**  
[72] ROMER, JOHANNES, DE  
[72] STEINBACH, JORG, DE  
[72] SCHUMANN, WINFRIED, DE  
[72] KASCH, HELMUT, DE  
[71] HANS-KNOLL-INSTITUT FUR NATURSTOFF-FORSCHUNG E.V., DE  
[71] FORSCHUNGSZENTRUM ROSSENDORF E.V., DE  
[85] 1999-09-22  
[86] 1998-03-18 (PCT/DE98/00813)  
[87] 1998-10-01 (WO98/42729)  
[30] DE (197 12 488.7) 1997-03-25

[21] **2,284,751**  
[13] A1

[51] **Int.Cl. 6D06N 7/00 6B29B 17/00 6D06N 3/06**  
[25] EN  
[54] **SURFACE COVERINGS CONTAINING FUSED RECYCLED MATERIAL AND PROCESSES OF MAKING THE SAME**  
[54] **REVETEMENTS DE SURFACE CONTENANT UNE MATIERE RECYCLEE FONDUE ET LEURS PROCEDES DE FABRICATION**  
[72] DESAI, PETER, US  
[72] ZEREBECKI, NICHOLAS, US  
[72] CHEN, HAO A., US  
[71] MANNINGTON MILLS, INC., US  
[85] 1999-09-22  
[86] 1999-02-03 (PCT/US99/02182)  
[87] 1999-08-12 (WO99/40250)  
[30] US (60/073,718) 1998-02-04

[21] **2,284,752**  
[13] A1

[51] **Int.Cl. 6A61M 25/00 6A61B 17/00 6A61M 1/36**  
[25] EN  
[54] **METHODS AND DEVICES FOR OCCLUDING THE ASCENDING AORTA AND MAINTAINING CIRCULATION OF OXYGENATED BLOOD IN THE PATIENT WHEN THE PATIENT'S HEART IS ARRESTED**  
[54] **METHODES ET DISPOSITIFS D'OCCLUSION DE L'AOORTE ASCENDANTE ET DE MAINTIEN DE LA CIRCULATION DE SANG OXYGENE DANS LE CORPS D'UN PATIENT APRES ARRET DU COEUR**  
[72] STERMAN, WESLEY D., US  
[72] GARRISON, MICHIE E., US  
[72] GIFFORD, HANSON S., III, US  
[72] ROSENMAN, DANIEL C., US  
[72] KOMTEBEDDE, JAN, US  
[72] SHARKAWY, A. ADAM, US  
[72] RAY, PINAKI, US  
[72] GRIMES, KEVIN V., US  
[72] TAYLOR, DAVID M., US  
[71] HEARTPORT, INC., US  
[85] 1999-09-22  
[86] 1999-01-22 (PCT/US99/01340)  
[87] 1999-07-29 (WO99/37202)  
[30] US (09/012,833) 1998-01-23

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[21] **2,284,753**  
[13] A1

[51] **Int.Cl. 6A61K 9/00**  
[25] EN  
[54] **THROAT SOOTHING COMPOSITIONS**  
[54] **COMPOSITIONS ADOUCISSANTES POUR LA GORGE**  
[72] NIENABER, PAUL, DE  
[72] HANKE, BERNHARD, DE  
[72] BEALIN-KELLY, FRANCIS JOSEPH DAVID, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-09-22  
[86] 1998-04-14 (PCT/IB98/00553)  
[87] 1998-10-29 (WO98/47482)  
[30] GB (9707978.4) 1997-04-21

[21] **2,284,754**  
[13] A1

[51] **Int.Cl. 6A61K 9/00**  
[25] EN  
[54] **CENTRE FILLED CONFECTIONERY**  
[54] **DRAGEE FOURREE**  
[72] NIENABER, PAUL, DE  
[72] HANKE, BERNHARD, DE  
[72] BEALIN-KELLY, FRANCIS JOSEPH DAVID, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-09-22  
[86] 1998-04-14 (PCT/IB98/00558)  
[87] 1998-10-29 (WO98/47484)  
[30] GB (9707977.6) 1997-04-21

[21] **2,284,755**  
[13] A1

[51] **Int.Cl. 6C11D 3/00 6C11D 17/06 6C11D 3/10 6C11D 7/12 6C11D 3/20**  
[25] EN  
[54] **EFFERVESCENT COMPOSITIONS AND DRY EFFERVESCENT GRANULES**  
[54] **COMPOSITIONS EFFERVESCENTES ET GRANULES SECS EFFERVESCENTS**  
[72] CANCEIL, SYLVESTRE, GB  
[72] HARTSHORN, RICHARD TIMOTHY, GB  
[72] SPADONI, LUCA, IT  
[72] MORELLI, ROBERTO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-09-22  
[86] 1998-04-14 (PCT/IB98/00562)  
[87] 1998-10-22 (WO98/46716)  
[30] EP (97870048.2) 1997-04-14

[21] **2,284,757**  
[13] A1

[51] **Int.Cl. 6A61K 31/495 6A61K 31/405**  
[25] EN  
[54] **METHOD FOR TREATMENT OF CHRONIC BRONCHITIS**  
[54] **METHODE DE TRAITEMENT DE LA BRONCHITE CHRONIQUE**  
[72] MACIAS, WILLIAM LOUIS, US  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-09-22  
[86] 1998-03-24 (PCT/US98/05791)  
[87] 1998-10-01 (WO98/42343)  
[30] US (60/042,101) 1997-03-26

[21] **2,284,760**  
[13] A1

[51] **Int.Cl. 6H01L 21/768 6H01L 21/312**  
[25] EN  
[54] **INTEGRATION OF LOW-K POLYMERS INTO INTERLEVEL DIELECTRICS USING CONTROLLED ELECTRON-BEAM RADIATION**  
[54] **INTEGRATION DE POLYMERES A CONSTANTE DIELECTRIQUE FAIBLE DANS DES DIELECTRIQUES D'INTERCONNEXION, AU MOYEN D'UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE REGULE**  
[72] CHOI, DONG KYU, KR  
[72] YANG, JING JUN, US  
[72] FORESTER, LYNN, US  
[72] HENDRICKS, NEIL H., US  
[72] WANG, SHI-QING, US  
[71] ALLIEDSIGNAL INC., US  
[85] 1999-09-22  
[86] 1998-03-09 (PCT/US98/04560)  
[87] 1998-10-01 (WO98/43294)  
[30] US (60/041,104) 1997-03-24  
[30] US (09/028,465) 1998-02-24

[21] **2,284,761**  
[13] A1

[51] **Int.Cl. 6F23R 3/26 6F02C 7/057**  
[25] EN  
[54] **BYPASS AIR VOLUME CONTROL DEVICE FOR COMBUSTOR USED IN GAS TURBINE**  
[54] **DISPOSITIF DE REGLAGE DU VOLUME D'AIR DE DILUTION DESTINE AU BRULEUR UTILISE DANS UNE TURBINE A GAZ**  
[72] YASHIKI, TADAO, JP  
[72] ICHIRYU, TAKU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-09-22  
[86] 1998-01-26 (PCT/JP98/00276)  
[87] 1999-07-29 (WO99/37954)

[21] **2,284,762**  
[13] A1

[51] **Int.Cl. 6F27D 13/00 6C21C 5/56**  
[25] EN  
[54] **METHOD TO LOAD SCRAP FOR ELECTRIC ARC FURNACE AND RELATIVE SYSTEM**  
[54] **PROCEDE ET SYSTEME POUR CHARGER LA FERRAILLE DANS UN FOUR A ARC ELECTRIQUE**  
[72] BENEDETTI, GIAMPIETRO, IT  
[72] POLONI, ALFREDO, IT  
[72] PAVLICEVIC, MILORAD, IT  
[72] GENSINI, GIANNI, IT  
[72] DELLA NEGRA, ANGELICO, IT  
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT  
[85] 1999-09-22  
[86] 1998-03-23 (PCT/IB98/00429)  
[87] 1998-10-01 (WO98/43032)  
[30] IT (GO97A000009) 1997-03-26

[21] **2,284,763**  
[13] A1

[51] **Int.Cl. 6H01J 49/00**  
[25] EN  
[54] **TIME OF FLIGHT MASS SPECTROMETER AND DUAL GAIN DETECTOR THEREFOR**  
[54] **SPECTROMETRE DE MASSE A TEMPS DE VOL ET DETECTEUR DOUBLE GAIN**  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] GILBERT, ANTHONY JAMES, GB  
[72] MERREN, THOMAS OLIVER, GB  
[72] HOYES, JOHN BRIAN, GB  
[72] COTTRELL, JONATHAN CHARLES, GB  
[71] MICROMASS LIMITED, GB  
[85] 1999-09-22  
[86] 1999-01-25 (PCT/GB99/00248)  
[87] 1999-07-29 (WO99/38190)  
[30] GB (9801565.4) 1998-01-23  
[30] GB (9804286.4) 1998-02-27  
[30] GB (9810867.3) 1998-05-20  
[30] GB (9813224.4) 1998-06-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,284,764</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 3/00</b> [25] EN [54] <b>POSITIONING DEVICE FOR POSITIONING A PERSON'S HEAD FOR EXAMINING AND/OR TREATING THE EYES</b> [54] <b>DISPOSITIF POUR POSITIONNER LA TETE D'UN ETRE HUMAIN POUR L'EXAMEN ET/OU LE TRAITEMENT DES YEUX</b> [72] WOLF, THEO, DE [71] HAAG-STREIT AG, CH [85] 1999-09-22 [86] 1998-02-09 (PCT/CH98/00047) [87] 1998-10-08 (WO98/43532) [30] CH (743/97) 1997-03-27</p>	<p style="text-align: right;">[21] <b>2,284,766</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 11/00 6B32B 33/00 6E01H 12/00 6E01H 15/00 6B09C 1/08 6C02F 1/58 6C02F 1/68</b> [25] EN [54] <b>REMEDICATION MATERIAL AND REMEDIATION PROCESS FOR SEDIMENTS</b> [54] <b>PROCEDE DE DECONTAMINATION DES SEDIMENTS ET MATERIAU UTILISE</b> [72] DOUGLAS, GRANT BRIAN, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 1999-09-22 [86] 1997-12-30 (PCT/AU97/00892) [87] 1998-10-01 (WO98/42626) [30] AU (PO 5896) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/04</b> [25] EN [54] <b>MAPPER FOR HIGH DATA RATE TRANSMISSION THROUGH CHANNELS SUBJECT TO ROBBED BIT SIGNALLING</b> [54] <b>DISPOSITIF DE CARTOGRAPHIE POUR LA TRANSMISSION DE DONNEES A DES TAUX DE TRANSFERT ELEVES PAR DES CANAUX SOUMIS A UNE SIGNALISATION PAR REASSIGNATION DE BIT</b> [72] GOLDSTEIN, YURI, US [72] OKUNEV, YURI, US [71] PC-TEL, INC., US [85] 1999-09-22 [86] 1998-04-08 (PCT/US98/07030) [87] 1998-10-15 (WO98/45977) [30] US (08/838,367) 1997-04-08</p>
<p style="text-align: right;">[21] <b>2,284,765</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F27D 13/00 6C21C 5/56</b> [25] EN [54] <b>SYSTEM TO LOAD PRE-HEATED SCRAP BY MEANS OF BASKETS FOR ELECTRIC ARC FURNACE</b> [54] <b>SYSTEME POUR CHARGER DE LA FERRAILLE PRECHAUFFEE AU MOYEN DE BENNES POUR FOUR A ARC ELECTRIQUE</b> [72] PAVLICEVIC, MILORAD, IT [72] GENSINI, GIANNI, IT [72] POLONI, ALFREDO, IT [72] BENEDETTI, GIAMPIETRO, IT [72] DELLA NEGRA, ANGELICO, IT [71] DANIELI &amp; C. OFFICINE MECCANICHE S.P.A., IT [85] 1999-09-22 [86] 1998-03-23 (PCT/IB98/00428) [87] 1998-10-22 (WO98/46956) [30] IT (GO97A000008) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,767</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/62 6C09D 175/04</b> [25] EN [54] <b>AQUEOUS CROSSLINKABLE COATING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE REVETEMENT RETICULABLES ET AQUEUSES</b> [72] PEARS, DAVID ALAN, GB [72] PADGET, JOHN CHRISTOPHER, GB [72] COLSTEE, ERIK HENDRIK, NL [72] NABUURS, TIJS, NL [72] OVERBEEK, GERARDUS CORNELIS, NL [71] AVECIA BV, NL [71] AVECIA LIMITED, GB [85] 1999-09-22 [86] 1998-03-30 (PCT/GB98/00948) [87] 1998-10-15 (WO98/45347) [30] GB (9707036.1) 1997-04-07</p>	<p style="text-align: right;">[21] <b>2,284,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05B 17/04 6E05B 63/00</b> [25] EN [54] <b>LOCK MECHANISM</b> [54] <b>MECANISME DE SERRURE</b> [72] NEWMAN, DONALD JOHN, AU [71] LOCKWOOD AUSTRALIA PTY. LTD., AU [85] 1999-09-22 [86] 1998-04-06 (PCT/AU98/00229) [87] 1998-10-15 (WO98/45558) [30] AU (PO6042) 1997-04-08</p>
		<p style="text-align: right;">[21] <b>2,284,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/00 6C08L 67/00 6C08L 69/00 6C08L 77/00 6C08L 25/06 6C08L 51/06 6C08L 23/10 6C08L 71/12 6C08K 5/3492 6C08K 5/49</b> [25] EN [54] <b>FLAME RETARDANT RESIN COMPOSITIONS</b> [54] <b>COMPOSITIONS DE RESINE IGNIFUGES</b> [72] KASOWSKI, ROBERT VALENTINE, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-09-22 [86] 1998-04-07 (PCT/US98/06734) [87] 1998-10-15 (WO98/45363) [30] US (08/833569) 1997-04-07</p>

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[21] **2,284,771**  
[13] A1

[51] **Int.Cl. 6C30B 25/12 6C23C 16/44**  
[25] EN  
[54] **SUSCEPTOR DESIGNS FOR SILICON CARBIDE THIN FILMS**  
[54] **MODELES DE SUSCEPTEUR POUR FILMS MINCES DE CARBURE DE SILICIUM**  
[72] SUMAKERIS, JOSEPH, US  
[72] CARTER, CALVIN JR., US  
[72] KONG, HUA-SHUANG, US  
[71] CREE RESEARCH, INC., US  
[85] 1999-09-22  
[86] 1998-03-19 (PCT/US98/05484)  
[87] 1998-10-01 (WO98/42897)  
[30] US (08/823,365) 1997-03-24

[21] **2,284,772**  
[13] A1

[51] **Int.Cl. 6G06F 5/00 6G06F 7/00 6G06F 9/00 6G06F 15/00**  
[25] EN  
[54] **COMPUTER PROCESSOR AND METHOD FOR DATA STREAMING**  
[54] **PROCESSEUR INFORMATIQUE ET PROCEDE D'ENREGISTREMENT ET LECTURE EN CONTINU DE DONNEES**  
[72] NANDA, SUNIL, IN  
[72] AGRAWAL, NITIN, IN  
[71] S3 INCORPORATED, US  
[85] 1999-09-22  
[86] 1998-11-06 (PCT/US98/23628)  
[87] 1999-05-20 (WO99/24901)  
[30] US (08/966,904) 1997-11-07

[21] **2,284,773**  
[13] A1

[51] **Int.Cl. 6A61B 5/05**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MONITORING AND EVALUATING PENILE TUMESCENCE**  
[54] **SYSTEMES ET PROCEDES DE CONTROLE ET D'EVALUATION DE LA TUMESCENCE PENIENNE**  
[72] KNOLL, L. DEAN, US  
[72] DIXON, ROGER, US  
[72] HOVLAND, CLAIRE T., US  
[72] ABRAMS, JEROME H., US  
[71] UROMETRICS, INC., US  
[85] 1999-09-22  
[86] 1998-03-20 (PCT/US98/05273)  
[87] 1998-10-01 (WO98/42255)  
[30] US (60/041,684) 1997-03-24  
[30] US (60/064,305) 1997-11-05

[21] **2,284,774**  
[13] A1

[51] **Int.Cl. 6A61K 31/52**  
[25] EN  
[54] **ANTITUSSIVE COMPOSITIONS**  
[54] **COMPOSITIONS ANTITUSSIVES**  
[72] ARANYI, PÉTER, HU  
[72] JELINEK, ISTVAN, HU  
[72] MIKUS, ENDRE, HU  
[72] KORBONITS, DEZSO, HU  
[71] ARANYI, PÉTER, HU  
[71] JELINEK, ISTVAN, HU  
[71] MIKUS, ENDRE, HU  
[71] KORBONITS, DEZSO, HU  
[85] 1999-09-22  
[86] 1998-03-20 (PCT/HU98/00027)  
[87] 1998-10-01 (WO98/42322)  
[30] HU (P 97 00654) 1997-03-26

[21] **2,284,775**  
[13] A1

[51] **Int.Cl. 6B01J 2/00 6C08K 5/00 6C07C 39/15 6C07D 249/20 6C07C 323/21 6C07C 235/34**  
[25] EN  
[54] **PREPARATION OF LOW-DUST STABILISERS**  
[54] **PREPARATION D'AGENTS STABILISANTS PEU PULVERULENTS**  
[72] GEOFFROY, ANDRÉ, FR  
[72] VON BUREN, MARTIN, CH  
[72] SCHMITTER, ANDRÉ, FR  
[72] KLEINER, CHRISTOPH, CH  
[72] THIBAUT, DANIEL, FR  
[72] BREITENSTEIN, BENJAMIN, CH  
[72] VON FRIELING, MATTHIAS, DE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 1999-09-22  
[86] 1998-04-03 (PCT/EP98/01975)  
[87] 1998-10-22 (WO98/46342)  
[30] CH (874/97) 1997-04-15  
[30] CH (1055/97) 1997-05-06  
[30] CH (125/98) 1998-01-20

[21] **2,284,776**  
[13] A1

[51] **Int.Cl. 6C11D 17/08 6C11D 3/48 6A61K 7/48 6A61K 7/50**  
[25] EN  
[54] **USE OF THE ANTIBACTERIAL ACTIVE SUBSTANCE TRICLOCARBANE IN LIQUID SOAPS**  
[54] **UTILITE PRATIQUE DU PRINCIPE ACTIF TRICLOCARBANE DANS DES SAVONS LIQUIDES**  
[72] EXNER, OTTO, DE  
[72] HOFFMANN, MANFRED, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-09-22  
[86] 1998-03-13 (PCT/EP98/01454)  
[87] 1998-10-01 (WO98/42820)  
[30] DE (197 12 410.0) 1997-03-25

[21] **2,284,777**  
[13] A1

[51] **Int.Cl. 6C07B 31/00 6C07F 17/00 6C07C 29/143 6B01J 31/22 6C07C 209/52**  
[25] EN  
[54] **TRANSFER HYDROGENATION PROCESS AND CATALYST**  
[54] **PROCESSUS ET CATALYSEUR D'HYDROGENATION PAR TRANSFERT**  
[72] MELLOR, BEN JAMES, GB  
[72] BLACKER, ANDREW JOHN, GB  
[71] AVECIA LIMITED, GB  
[85] 1999-09-21  
[86] 1998-03-20 (PCT/GB98/00862)  
[87] 1998-10-01 (WO98/42643)  
[30] GB (9706321.8) 1997-03-26

[21] **2,284,778**  
[13] A1

[51] **Int.Cl. 6A01K 67/027**  
[25] EN  
[54] **ENDOMETRIOSIS MOUSE MODEL**  
[54] **SOURIS UTILISEES COMME MODELE POUR L'ETUDE DE L'ENDOMETRIOSE**  
[72] STRAUSS, JEROME J., US  
[72] VAN DEERLIN, PETER, US  
[72] YAMAMOTO, KAREN K., US  
[72] BOYD, JEFFREY, US  
[71] REPROGEN, INC., US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 1999-09-21  
[86] 1998-03-25 (PCT/US98/05874)  
[87] 1998-10-01 (WO98/42185)  
[30] US (60/042,542) 1997-03-26

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<p style="text-align: right;">[21] <b>2,284,779</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B44C 1/22</b> [25] EN [54] <b>CONTROLLED FLUID TRANSPORT IN MICROFABRICATED POLYMERIC SUBSTRATES</b> [54] <b>TRANSPORT REGULE DE FLUIDE DANS DES SUBSTRATS POLYMERES MICROFABRIQUES</b> [72] BOUSSE, LUC, US [72] CHOW, CALVIN Y. H., US [72] PARCE, J. WALLACE, US [72] KNAPP, MICHAEL R., US [71] CALIPER TECHNOLOGIES CORP., US [85] 1999-09-21 [86] 1998-04-14 (PCT/US98/07568) [87] 1998-10-22 (WO98/46438) [30] US (08/843,212) 1997-04-14</p>	<p style="text-align: right;">[21] <b>2,284,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 12/00</b> [25] EN [54] <b>COATING OF A SUPERCONDUCTOR</b> [54] <b>REVETEMENT D'UN SUPRACONDUCTEUR</b> [72] HAN, ZHENGHE, DK [71] NORDIC SUPERCONDUCTOR TECHNOLOGIES A/S, DK [85] 1999-09-24 [86] 1998-03-25 (PCT/DK98/00120) [87] 1998-10-01 (WO98/43253) [30] DK (0340/97) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,284,785</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/372</b> [25] EN [54] <b>SYSTEM OF IMPLANTABLE DEVICES FOR MONITORING AND/OR AFFECTING BODY PARAMETERS</b> [54] <b>SYSTEME DE DISPOSITIFS IMPLANTABLES CONCU POUR SURVEILLER ET/OU MODIFIER DES PARAMETRES CORPORELS</b> [72] MANN, CARLA M., US [72] SCHULMAN, JOSEPH H., US [71] ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US [71] ADVANCED BIONICS, US [85] 1999-09-24 [86] 1998-03-26 (PCT/US98/05965) [87] 1998-10-08 (WO98/43701) [30] US (60/042,447) 1997-03-27</p>
<p style="text-align: right;">[21] <b>2,284,780</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 43/00 6F26B 3/04 6F26B 3/08</b> [25] EN [54] <b>LIQUID/GAS/SOLID SEPARATION</b> [54] <b>SEPARATION GAZ / LIQUIDE / SOLIDE</b> [72] CONOCHIE, DAVID STEWART, AU [71] KFX INC., US [85] 1999-09-24 [86] 1998-03-26 (PCT/AU98/00204) [87] 1998-10-01 (WO98/42427) [30] AU (PO 5890) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,783</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04D 29/32 6F04D 29/26 6F04D 29/36</b> [25] EN [54] <b>INTEGRATED FAN ASSEMBLY WITH VARIABLE PITCH BLADES</b> [54] <b>ENSEMBLE VENTILATEUR INTEGRE A PALES A PAS VARIABLE</b> [72] NELSON, CHRIS, US [72] PALMER, BRADFORD, US [72] HENNESSY, DAVE, US [72] HEIN, DAVE, US [71] HORTON, INC., US [85] 1999-09-21 [86] 1998-03-30 (PCT/US98/06215) [87] 1998-10-08 (WO98/44242) [30] US (08/829,060) 1997-03-31</p>	<p style="text-align: right;">[21] <b>2,284,786</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 4/54</b> [25] EN [54] <b>BACKREST WITH INTEGRAL INFLATABLE LUMBAR SUPPORT</b> [54] <b>DOSSIER A SUPPORT LOMBAIRE GONFLABLE INTEGRAL</b> [72] ROBERTS, FRANK L., CA [71] BIO-SUPPORT INDUSTRIES LTD., CA [85] 1999-09-21 [86] 1998-03-23 (PCT/US98/05446) [87] 1998-10-01 (WO98/42234) [30] US (08/824,045) 1997-03-21</p>
<p style="text-align: right;">[21] <b>2,284,781</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 63/02 6B65D 19/06 6B30B 9/30</b> [25] EN [54] <b>A METHOD OF AND A DEVICE FOR COMPRESSED PACKAGING OF TREES AND GREENERY ON A PALLET OR THE LIKE WITH LATERAL SUPPORTS</b> [54] <b>PROCEDE ET DISPOSITIF SERVANT A CONDITIONNER DES ARBRES ET DES ARBUSTES EN LES COMPRIMANT SUR UNE PALETTE POURVUE DE SUPPORTS LATERAUX</b> [72] THOMSEN, CLAUS, DK [71] THOMSEN, CLAUS, DK [85] 1999-09-24 [86] 1998-03-25 (PCT/DK98/00122) [87] 1998-10-01 (WO98/42577) [30] DK (0348/97) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,284,784</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/00 6A61M 5/00 6A61M 25/00</b> [25] EN [54] <b>CANNULA AND METHOD OF MANUFACTURE AND USE</b> [54] <b>CANULE ET PROCEDE DE FABRICATION ET D'UTILISATION ASSOCIE</b> [72] LEPULU, KEKE J., US [72] FAN, SYLVIA W., US [71] HEARTPORT, INC., US [85] 1999-09-21 [86] 1999-01-19 (PCT/US99/00998) [87] 1999-07-29 (WO99/37341) [30] US (09/010,296) 1998-01-21</p>	<p style="text-align: right;">[21] <b>2,284,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B08B 3/10 6D06F 35/00 6C11D 7/12</b> [25] EN [54] <b>WASHING PROCESS AND WASHING UNIT</b> [54] <b>PROCESSUS ET UNITE DE LAVAGE</b> [72] SATOH, FUMITAKE, JP [72] ARAI, KAZUYOSHI, JP [72] MIYAMAE, KAZUHIRO, JP [72] YANAGIHARA, TOMOYUKI, JP [72] NAITOH, TATSUYA, JP [72] SEO, TOMOKI, JP [71] MIZ CO., LTD., JP [85] 1999-09-21 [86] 1999-01-22 (PCT/JP99/00242) [87] 1999-07-29 (WO99/37414) [30] JP (10-25,085) 1998-01-22 [30] JP (10-282,767) 1998-10-05</p>

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[21] **2,284,788**  
[13] A1

[51] **Int.Cl. 6H04B 7/216**  
[25] EN  
[54] **SYSTEMS AND METHODS OF CHANNEL CODING AND INVERSE-MULTIPLEXING FOR MULTI-CARRIER CDMA SYSTEMS**  
[54] **SYSTEMES ET PROCEDES DE CODAGE ET DE MULTIPLEXAGE INVERSE DE CANAUX POUR SYSTEMES AMDC MULTIPORTEUSES**  
[72] SECORD, NORMAN P., CA  
[72] GUO, NING, CA  
[72] LEE, WOOKWON, CA  
[72] BIGLOO, AMIR, CA  
[72] STRAWCZYNSKI, LEO, CA  
[72] JALALI, AHMAD, US  
[72] FONG, MO-HAN, CA  
[72] WU, GENG, CA  
[72] MATYAS, ROBERT, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-09-24  
[86] 1998-03-26 (PCT/US98/05986)  
[87] 1998-10-01 (WO98/43373)  
[30] US (60/041,377) 1997-03-26  
[30] US (60/042,362) 1997-03-26

[21] **2,284,789**  
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C08F 4/60**  
[25] EN  
[54] **CATALYST SYSTEM FOR HIGH YIELD SYNTHESIS OF POLYOLEFINS**  
[54] **SYSTEME CATALYSEUR SERVANT A EFFECTUER LA SYNTHESE A RENDEMENT ELEVE DE POLYOLEFINES**  
[72] WILSON, DAVID R., US  
[72] PEIL, KEVIN P., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-09-24  
[86] 1998-03-30 (PCT/US98/06271)  
[87] 1998-10-15 (WO98/45337)  
[30] US (60/042,638) 1997-04-04

[21] **2,284,790**  
[13] A1

[51] **Int.Cl. 6G01N 33/574**  
[25] EN  
[54] **IN VITRO METHOD FOR PROGNOSIS OF THE ILLNESS EVOLUTION OF PATIENTS WITH CARCINOMA OF THE BREAST AND/OR FOR DIAGNOSING CARCINOMA OF THE BREAST**  
[54] **PROCEDE IN VITRO POUR LE PRONOSTIC DE L'EVOLUTION DE LA MALADIE POUR DES PATIENTES PRESENTANT UN CARCINOME MAMMAIRE ET/OU LE DIAGNOSTIC D'UN CARCINOME MAMMAIRE**  
[72] WERENSKIOLD, ANNE KATRIN, DE  
[71] GSF - FORSCHUNGSZENTRUM FUR UMWELT UND GESUNDHEIT GMBH, DE  
[85] 1999-09-21  
[86] 1998-03-20 (PCT/EP98/01627)  
[87] 1998-10-01 (WO98/43090)  
[30] DE (197 11 932.8) 1997-03-21

[21] **2,284,791**  
[13] A1

[51] **Int.Cl. 6A61K 6/00 6A61K 7/18**  
[25] EN  
[54] **METHOD OF RECALCIFYING TEETH**  
[54] **PROCEDE DE RECALCIFICATION DES DENTS**  
[72] YASUDA, NAOMI, JP  
[72] TAKATSUKA, TSUTOMU, JP  
[72] EBISUDANI, KAZUSHI, JP  
[71] SUNSTAR KABUSHIKI KAISHA, JP  
[85] 1999-09-24  
[86] 1997-03-25 (PCT/JP97/00987)  
[87] 1998-10-01 (WO98/42297)

[21] **2,284,792**  
[13] A1

[51] **Int.Cl. 6C11D 7/30 6B08B 3/08 6C11D 7/24 6C11D 7/26**  
[25] EN  
[54] **MOLECULAR LEVEL CLEANING OF CONTAMINANTS FROM PARTS UTILIZING AN ENVIRONMENTALLY SAFE SOLVENT**  
[54] **NETTOYAGE AU NIVEAU MOLECULAIRE ET AU MOYEN D'UN SOLVANT ECOLOGIQUE DE PARTICULES CONTAMINANTES CONTENUES DANS DIVERSES PIECES**  
[72] PRIEST, JAMES L., US  
[72] CLARK, LAWRENCE A., US  
[71] LAWRENCE INDUSTRIES, INC., US  
[85] 1999-09-21  
[86] 1997-03-28 (PCT/US97/05183)  
[87] 1998-10-08 (WO98/44083)

[21] **2,284,793**  
[13] A1

[51] **Int.Cl. 6G10K 11/178 6F16F 7/10**  
[25] EN  
[54] **EFFICIENT MULTI-DIRECTIONAL ACTIVE VIBRATION ABSORBER ASSEMBLY**  
[54] **ENSEMBLE AMORTISSEUR DE VIBRATIONS ACTIF MULTI-DIRECTIONNEL EFFICACE**  
[72] IVERS, DOUGLAS E., US  
[71] LORD CORPORATION, US  
[85] 1999-09-21  
[86] 1998-01-23 (PCT/US98/01387)  
[87] 1999-07-29 (WO99/38153)

[21] **2,284,794**  
[13] A1

[51] **Int.Cl. 6A47F 1/03**  
[25] EN  
[54] **BULK DISPENSER**  
[54] **DISTRIBUTEUR DE PRODUITS EN VRAC**  
[72] ESTLANDER, PETER, SE  
[71] ESTLANDER, PETER, SE  
[85] 1999-09-24  
[86] 1998-02-18 (PCT/SE98/00283)  
[87] 1998-10-01 (WO98/42240)  
[30] SE (9701048-2) 1997-03-24

[21] **2,284,795**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6C07D 401/14 6C07D 417/14 6A61K 31/505**  
[25] EN  
[54] **NOVEL PYRIMIDINE DERIVATIVES AND PROCESSES FOR THE PREPARATION THEREOF**  
[54] **NOUVEAUX DERIVES DE PYRIMIDINE ET PROCEDES DE PREPARATION DESDITS DERIVES**  
[72] LEE, SONG JIN, KR  
[72] LEE, SEUNG KYU, KR  
[72] SONG, KEUN SEOG, KR  
[72] HWANG, MAN SOON, KR  
[72] SHIM, WOO JEON, KR  
[72] LEE, JONG WOOK, KR  
[72] LEE, BONG YONG, KR  
[72] KIM, CHANG SEOP, KR  
[71] YUHAN CORPORATION, KR  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/KR98/00058)  
[87] 1998-10-08 (WO98/43968)  
[30] KR (1997/10862) 1997-03-27  
[30] KR (1997/10863) 1997-03-27

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[21] **2,284,796**  
[13] A1

[51] **Int.Cl. 6A61B 5/08**  
[25] EN  
[54] **DEVICE AND METHOD FOR THE DETERMINATION OF NO IN EXHALED AIR**  
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DU TAUX DE MONOXYDE D'AZOTE DANS L'AIR EXPIRE**  
[72] PERSSON, GUNNAR MAGNUS SEVERUS, SE  
[72] STROMBERG, STEFAN PER AXEL, SE  
[72] GUSTAFSSON, LARS ERIK, SE  
[71] AEROCRINE AB, SE  
[85] 1999-09-24  
[86] 1998-03-27 (PCT/SE98/00567)  
[87] 1998-10-08 (WO98/43539)  
[30] SE (9701150-6) 1997-03-27

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[21] **2,284,797**  
[13] A1

[51] **Int.Cl. 6H04N 7/10 6H04N 7/14**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROVIDING A PRESENTATION ON A NETWORK**  
[54] **PROCEDE ET SYSTEME POUR OFFRIR UNE PRESENTATION SUR UN RESEAU**  
[72] JOHNSON, FRANK E., US  
[72] OGDON, ROBERT H., US  
[71] BROADBAND ASSOCIATES, US  
[85] 1999-09-21  
[86] 1998-03-31 (PCT/US98/06667)  
[87] 1998-10-08 (WO98/44733)  
[30] US (60/041,770) 1997-03-31

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[21] **2,284,798**  
[13] A1

[51] **Int.Cl. 6A61N 1/37**  
[25] EN  
[54] **CARDIAC STIMULATOR WITH LEAD FAILURE DETECTOR AND WARNING SYSTEM**  
[54] **STIMULATEUR CARDIAQUE A DETECTEUR DE DEFAILLANCE DU FIL D'ELECTRODE ET SYSTEME D'AVERTISSEMENT**  
[72] PAUL, PATRICK J., US  
[72] PRUTCHI, DAVID, US  
[71] INTERMEDICS INC., US  
[85] 1999-09-24  
[86] 1998-03-23 (PCT/US98/05667)  
[87] 1998-10-01 (WO98/42406)  
[30] US (08/824,454) 1997-03-26

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[21] **2,284,799**  
[13] A1

[51] **Int.Cl. 6C08F 212/08 6C08J 5/18**  
[25] EN  
[54] **FILMS MADE FROM LONG CHAIN BRANCHED SYNDIOTACTIC VINYL AROMATIC POLYMERS**  
[54] **FILMS OBTENUS A PARTIR DE POLYMERES VINYLIQUES AROMATIQUES SYNDIOTACTIQUES RAMIFIES A LONGUE CHAINE**  
[72] VOSSEN, ROEL H., NL  
[72] WESSEL, THOMAS E., US  
[72] HUANG, YI-BIN, US  
[72] CHAHL, MARK S., DE  
[72] WU, SHAOFU, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-09-21  
[86] 1998-03-10 (PCT/US98/04676)  
[87] 1998-12-03 (WO98/54236)  
[30] US (60/048,072) 1997-05-30

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[21] **2,284,800**  
[13] A1

[51] **Int.Cl. 6G06F 9/00 6G06F 9/44 6G06F 9/445 6G06F 17/60**  
[25] EN  
[54] **METHOD AND PROGRAM MODULE FOR THE CONFIGURATION OF A DEVICE**  
[54] **PROCEDE ET MODULE DE PROGRAMME SERVANT A EFFECTUER LA CONFIGURATION D'UNE UNITE**  
[72] RENSCHLER, MARTIN, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-09-22  
[86] 1998-03-19 (PCT/EP98/01603)  
[87] 1998-10-01 (WO98/43160)  
[30] EP (97105170.1) 1997-03-26

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[21] **2,284,801**  
[13] A1

[51] **Int.Cl. 6B01L 3/00 6G01N 35/00 6G01N 33/48 6G01N 33/50**  
[25] EN  
[54] **DIAGNOSTIC DEVICES AND APPARATUS FOR THE CONTROLLED MOVEMENT OF REAGENTS WITHOUT MEMBRANES**  
[54] **DISPOSITIFS DE DIAGNOSTIC ET APPAREIL DESTINE AU DEPLACEMENT REGULE DE REACTIFS SANS MEMBRANES**  
[72] BUECHLER, KENNETH FRANCIS, US  
[71] BIOSITE DIAGNOSTICS INCORPORATED, US  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/US98/05681)  
[87] 1998-10-08 (WO98/43739)  
[30] US (08/828,041) 1997-03-27

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[21] **2,284,803**  
[13] A1

[51] **Int.Cl. 6C08F 6/02 6C08F 6/00**  
[25] EN  
[54] **SOLID STATE DEVOLATILIZATION OF SYNDIOTACTIC VINYL AROMATIC POLYMERS WITH CATALYST DEACTIVATION**  
[54] **DEGAGEMENT DES MATIERES VOLATILES EN PHASE SOLIDE DE POLYMERES SYNDIOTACTIQUES AVEC NEUTRALISATION CATALYTIQUE**  
[72] BILLOVITS, GERALD F., US  
[72] TIPLER, SCOTT A., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-09-21  
[86] 1998-01-30 (PCT/US98/01842)  
[87] 1998-11-26 (WO98/52978)  
[30] US (60/047,504) 1997-05-23

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[21] **2,284,805**  
[13] A1

[51] **Int.Cl. 6H05B 3/14 6H05B 1/02**  
[25] EN  
[54] **HEATING DEVICE AND METHOD**  
[54] **DISPOSITIF CHAUFFANT ET PROCEDE CORRESPONDANT**  
[72] FARANT, JEAN-PIERRE, CA  
[71] MARTINEX R & D INC., CA  
[85] 1999-09-23  
[86] 1999-01-26 (PCT/CA99/00061)  
[87] 1999-07-29 (WO99/38357)  
[30] US (09/013,020) 1998-01-26



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[21] **2,284,806**  
[13] A1

[51] **Int.Cl. 6G06F 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS TO MONITOR AND LOCATE AN ELECTRONIC DEVICE USING A SECURED INTELLIGENT AGENT VIA A GLOBAL NETWORK**  
[54] **PROCEDE ET DISPOSITIF POUR SURVEILLER ET LOCALISER UN DISPOSITIF ELECTRONIQUE AU MOYEN D'UN AGENT INTELLIGENT PROTEGE VIA UN RESEAU MONDIAL**  
[72] COTICHINI, CHRISTIAN, CA  
[72] FRASER, CAIN, CA  
[72] SOLYMAR, GABOR, CA  
[72] LIVINGSTON, PETER, CA  
[72] ASHWORTH, DAVID G., CA  
[71] ABSOLUTE SOFTWARE CORPORATION, CA  
[85] 1999-09-23  
[86] 1998-03-24 (PCT/CA98/00278)  
[87] 1998-10-01 (WO98/43151)  
[30] US (08/826,098) 1997-03-24  
[30] US (08/871,221) 1997-06-09

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[21] **2,284,809**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **SELF-TEXTURING ABSORBENT STRUCTURES AND ABSORBENT ARTICLES MADE THEREFROM**  
[54] **STRUCTURES ABSORBANTES A TEXTURATION SPONTANEE ET ARTICLES ABSORBANTS FABRIQUES A PARTIR DESDITES STRUCTURES**  
[72] CHEN, FUNG-JOU, US  
[72] LINDSAY, JEFFREY DEAN, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-09-23  
[86] 1998-03-27 (PCT/US98/06175)  
[87] 1998-10-29 (WO98/47455)  
[30] US (08/848,353) 1997-04-21

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[21] **2,284,812**  
[13] A1

[51] **Int.Cl. 6D04H 1/42 6D21H 15/00 6D04H 1/46 6D04H 1/64**  
[25] EN  
[54] **DISPERSIBLE NONWOVEN FABRIC AND METHOD OF MAKING SAME**  
[54] **NON TISSE DISPERSIBLE ET SON PROCEDE DE FABRICATION**  
[72] MUMICK, PAVNEET S., US  
[72] POMPLUN, WILLIAM S., US  
[72] MERKER, JOSEPH F., US  
[72] ANDERSON, RALPH L., US  
[72] WANG, KENNETH Y., US  
[72] DEMENY, LEROY M. (DECEASED), US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-09-23  
[86] 1998-03-31 (PCT/US98/06427)  
[87] 1998-10-08 (WO98/44181)  
[30] US (08/829,085) 1997-03-31

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[21] **2,284,816**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6C23C 8/02**  
[25] EN  
[54] **METHOD OF SURFACE OXIDIZING ZIRCONIUM ALLOYS AND RESULTING PRODUCT**  
[54] **PROCEDE D'OXYDATION EN SURFACE D'ALLIAGES DE ZIRCONIUM ET PRODUIT OBTENU**  
[72] ASGIAN, CATHERINE M., US  
[72] HINES, GARY L., US  
[72] HUNTER, GORDON, US  
[71] SMITH & NEWPHEW, INC., US  
[85] 1999-09-23  
[86] 1998-03-27 (PCT/US98/06059)  
[87] 1998-10-01 (WO98/42390)  
[30] US (60/042,364) 1997-03-27

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[21] **2,284,817**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/68**  
[25] EN  
[54] **METHOD FOR DETERMINING THE PRESENCE OF MUTATED BRCA PROTEIN**  
[54] **PROCEDE PERMETTANT DE DETERMINER LA PRESENCE D'UNE PROTEINE BRCA ISSUE DE MUTATION**  
[72] BYRNE, TIMOTHY J., US  
[72] COHN, GABRIEL M., US  
[72] REECE, MARGARET T., US  
[72] ADAMS, LORRIE A., US  
[71] BAYSTATE MEDICAL CENTER, US  
[85] 1999-09-23  
[86] 1998-03-23 (PCT/US98/05618)  
[87] 1998-10-01 (WO98/43092)  
[30] US (60/042,337) 1997-03-24

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[21] **2,284,818**  
[13] A1

[51] **Int.Cl. 6G02C 7/04 6G02C 7/02**  
[25] EN  
[54] **METHOD FOR IDENTIFYING CHARACTERISTICS OF CONTACT LENSES**  
[54] **PROCEDE D'IDENTIFICATION DES CARACTERISTIQUES DE LENTILLES DE CONTACT**  
[72] GABRIEL, EMILY ABRAMS, US  
[72] CRONK, WILLIAM B., US  
[72] MISITI, PAUL D., US  
[72] APPLETON, WILLIAM J., US  
[72] ALTOBELLI, KATHLEEN M., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 1999-09-23  
[86] 1998-04-02 (PCT/US98/06564)  
[87] 1998-10-15 (WO98/45750)  
[30] US (60/043,908) 1997-04-07

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[21] **2,284,819**  
[13] A1

[51] **Int.Cl. 6F24F 13/14 6F16K 1/22**  
[25] EN  
[54] **DIFFERENTIAL VALVE, SPECIALLY A CABIN AIR DISCHARGE VALVE IN AN AIRCRAFT, AND METHOD FOR REGULATING CABIN PRESSURE**  
[54] **CLAPET A GRADINS, NOTAMMENT CLAPET D'AIR D'EVACUATION DE CABINE DANS UN APPAREIL VOLANT ET PROCEDE DE REGULATION DE LA PRESSION REGNANT DANS LA CABINE**  
[72] STEINERT, MARTIN, DE  
[72] RUMPLIK, DANIEL, US  
[71] NORD-MICRO ELEKTRONIK FEINMECHANIK AG, DE  
[85] 1999-09-22  
[86] 1998-03-25 (PCT/EP98/01758)  
[87] 1998-10-08 (WO98/44300)  
[30] DE (197 13 125.5) 1997-03-27

[21] **2,284,820**  
[13] A1

[51] **Int.Cl. 6A61K 38/57**  
[25] EN  
[54] **NEW APPLICATION FOR ANTITHROMBIN III**  
[54] **NOUVELLE UTILISATION D'ANTITHROMBINE III**  
[72] LINNAU, YENDRA, AT  
[72] AUER, WILFRIED, AT  
[72] PHILAPITSCH, ANTON, AT  
[72] SCHWARZ, HANS-PETER, AT  
[72] PICHLER, LUDWIG, AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 1999-09-22  
[86] 1998-03-24 (PCT/AT98/00078)  
[87] 1998-10-01 (WO98/42371)  
[30] AT (A 517/97) 1997-03-25

[21] **2,284,821**  
[13] A1

[51] **Int.Cl. 6C07D 275/03 6A01N 43/80**  
[25] EN  
[54] **3-ALKOXY ISOTHIAZOLES**  
[54] **3-ALCOXY-ISOTHIAZOLES**  
[72] UHR, HERMANN, DE  
[72] WACHTLER, PETER, DE  
[72] KUGLER, MARTIN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-09-22  
[86] 1998-03-12 (PCT/EP98/01434)  
[87] 1998-10-01 (WO98/42689)  
[30] DE (197 12 409.7) 1997-03-25

[21] **2,284,823**  
[13] A1

[51] **Int.Cl. 6A61C 13/00**  
[25] EN  
[54] **ARRANGEMENT AND METHOD FOR RECREATING A MODEL OF A DENTAL PRODUCT OR INSTRUMENT FOR THE PRODUCT**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REPRODUIRE UN MODELE DE PRODUIT DENTAIRE OU INSTRUMENT DESTINE AUDIT PRODUIT DENTAIRE**  
[72] PERSSON, MAGNUS, SE  
[71] NOBEL BIOCARE AB, SE  
[85] 1999-09-22  
[86] 1998-03-19 (PCT/SE98/00492)  
[87] 1998-10-15 (WO98/44864)  
[30] SE (9701308-0) 1997-04-10

[21] **2,284,824**  
[13] A1

[51] **Int.Cl. 6B65B 11/48 6B65D 33/26 6B65D 65/46**  
[25] EN  
[54] **A METHOD OF SECURING BALE WRAPPERS TO BALES AND A FASTENER FOR CARRYING OUT THE METHOD**  
[54] **PROCEDE DE FIXATION D'EMBALLAGES A DES BALLE ET DISPOSITIF DE FIXATION UTILISE A CET EFFET**  
[72] LUNDBERG, T. JORGEN, SE  
[71] SUNDS DEFIBRATOR INDUSTRIES AB, SE  
[85] 1999-09-22  
[86] 1998-03-26 (PCT/SE98/00558)  
[87] 1998-10-08 (WO98/43877)  
[30] SE (9701189-4) 1997-04-01

[21] **2,284,825**  
[13] A1

[51] **Int.Cl. 6H01J 49/00**  
[25] EN  
[54] **TIME OF FLIGHT MASS SPECTROMETER AND DETECTOR THEREFOR**  
[54] **SPECTROMETRE DE MASSE A TEMPS DE VOL ET DETECTEUR ASSOCIE**  
[72] GILBERT, ANTHONY JAMES, GB  
[72] COTTRELL, JONATHAN CHARLES, GB  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] HOYES, JOHN BRIAN, GB  
[72] MERREN, THOMAS OLIVER, GB  
[71] MICROMASS LIMITED, GB  
[85] 1999-09-22  
[86] 1999-01-25 (PCT/GB99/00250)  
[87] 1999-07-29 (WO99/38191)  
[30] GB (9801565.4) 1998-01-23  
[30] GB (9804286.4) 1998-02-27  
[30] GB (9810867.3) 1998-05-20  
[30] GB (9813224.4) 1998-06-18

[21] **2,284,826**  
[13] A1

[51] **Int.Cl. 6C23C 28/02 6H01L 21/14 6H01L 21/306**  
[25] EN  
[54] **PREPARATION OF COPPER-INDIUM-GALLIUM-DISELENIDE PRECURSOR FILMS BY ELECTRODEPOSITION FOR FABRICATING HIGH EFFICIENCY SOLAR CELLS**  
[54] **PREPARATION DE COUCHES D'UN PRECURSEUR CONSTITUE DE DISELENIURE DE CUIVRE-INDIUM-GALLIUM PAR ELECTRODEPOSITION POUR FABRIQUER DES PHOTOPILES A HAUT RENDEMENT**  
[72] BHATTACHARYA, RAGHU N., US  
[72] NOUFI, ROMMEL, US  
[72] RAMANATHAN, KANNAN, US  
[72] HASOON, FALAH, US  
[72] WIESNER, HOLM, US  
[72] KEANE, JAMES, US  
[71] DAVIS, JOSEPH & NEGLEY, US  
[85] 1999-09-22  
[86] 1998-03-30 (PCT/US98/06212)  
[87] 1998-10-29 (WO98/48079)  
[30] US (60/044,506) 1997-04-21  
[30] US (08/870,081) 1997-06-05

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[21] **2,284,827**  
[13] A1

[51] **Int.Cl. 6F41H 11/16**  
[25] EN  
[54] **ROBOT FOR EXPLODING LAND MINES**  
[54] **ROBOT SERVANT A FAIRE EXPLOSER DES MINES TERRESTRES**  
[72] TAKASUGI, MASANORI, JP  
[71] TAKASUGI, MASANORI, JP  
[85] 1999-09-22  
[86] 1998-12-17 (PCT/JP98/05733)  
[87] 1999-08-05 (WO99/39155)  
[30] JP (10/36657) 1998-02-02

[21] **2,284,828**  
[13] A1

[51] **Int.Cl. 6C11D 17/00**  
[25] EN  
[54] **DETERGENT COMPOSITIONS**  
[54] **COMPOSITIONS DETERGENTES**  
[72] BOSKAMP, JELLES VINCENT, NL  
[72] APPEL, PETER WILLEM, NL  
[72] WAGNER, HENNING, NL  
[71] UNILEVER PLC, GB  
[85] 1999-09-22  
[86] 1998-03-18 (PCT/EP98/01770)  
[87] 1998-10-01 (WO98/42817)  
[30] GB (9706083.4) 1997-03-24  
[30] GB (9722345.7) 1997-10-22

[21] **2,284,829**  
[13] A1

[51] **Int.Cl. 6A61K 39/395**  
[25] EN  
[54] **IMMUNOTHERAPY OF B-CELL MALIGNANCIES USING ANTI-CD22 ANTIBODIES**  
[54] **IMMUNOTHERAPIE DE MALIGNITE DE CELLULES B AU MOYEN D'ANTICORPS ANTI-CD22**  
[72] GOLDENBERG, DAVID M., US  
[71] IMMUNOMEDICS, INC., US  
[85] 1999-09-22  
[86] 1998-03-17 (PCT/US98/05075)  
[87] 1998-10-01 (WO98/42378)  
[30] US (60/041,506) 1997-03-24

[21] **2,284,830**  
[13] A1

[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **CARDIAC LEAD FOR PACING OR DEFIBRILLATING THE HEART THROUGH THE CORONARY SINUS**  
[54] **FIL D'ELECTRODE PERMETTANT LA STIMULATION OU LA DEFIBRILLATION DU COEUR VIA LE SINUS CORONAIRE**  
[72] SPEHR, PAUL R., US  
[72] MACHEK, JAMES E., US  
[71] INTERMEDICS, INC., US  
[85] 1999-09-21  
[86] 1998-03-24 (PCT/US98/05673)  
[87] 1998-10-01 (WO98/42403)  
[30] US (08/823,998) 1997-03-25

[21] **2,284,831**  
[13] A1

[51] **Int.Cl. 6G01N 19/04**  
[25] EN  
[54] **ELECTROSTATIC ADHESION TESTER FOR THIN FILM CONDUCTORS**  
[54] **TESTEUR ELECTROSTATIQUE DE L'ADHERENCE DE CONDUCTEURS EN COUCHES MINCES**  
[72] GRIFFEN, ALFRED J., JR., US  
[72] BROTZEN, FRANZ R., US  
[72] CALLAHAN, DANIEL L., US  
[71] YANG, HAINING S., US  
[71] RICE UNIVERSITY, US  
[85] 1999-09-22  
[86] 1998-03-31 (PCT/US98/06424)  
[87] 1998-10-08 (WO98/44334)  
[30] US (60/042,243) 1997-03-31  
[30] US (09/008,969) 1998-01-20

[21] **2,284,833**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01K 67/027 6C12N 5/10 6C12N 15/17 6C12N 15/37 6C07K 14/62 6C12N 15/63**  
[25] FR  
[54] **ANIMAL TRANSGENIQUE NON HUMAIN DANS LEQUEL L'EXPRESSION DU GENE CODANT POUR L'INSULINE EST SUPPRIMEE**  
[54] **NON HUMAN TRANSGENIC ANIMAL IN WHICH THE EXPRESSION OF THE GENE CODING FOR INSULIN IS DELETED**  
[72] JOSHI, RAJIV LOCHAN, FR  
[72] BUCCHINI, DANIELLE, FR  
[72] JAMI, JACQUES, FR  
[71] INSERM (INSTITUT DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), FR  
[85] 1999-09-23  
[86] 1998-04-02 (PCT/FR98/00667)  
[87] 1998-10-15 (WO98/45422)  
[30] FR (97/04125) 1997-04-04

[21] **2,284,834**  
[13] A1

[51] **Int.Cl. 6G06F 3/147 6H04N 7/173**  
[25] EN  
[54] **TWO-WAY REMOTE CONTROL WITH ADVERTISING DISPLAY**  
[54] **TELECOMMANDE BIDIRECTIONNELLE A AFFICHEUR PUBLICITAIRE**  
[72] DARBEE, PAUL, US  
[72] THOMPSON, BRANDT, US  
[72] O'DONNELL, FRANK, US  
[71] EVOLVE PRODUCTS, INC., US  
[85] 1999-09-22  
[86] 1998-03-23 (PCT/US98/05775)  
[87] 1998-10-01 (WO98/43158)  
[30] US (08/823,507) 1997-03-24  
[30] US (08/999,716) 1997-10-06

[21] **2,284,843**  
[13] A1

[51] **Int.Cl. 6G06K 9/00 6B60R 21/32**  
[25] EN  
[54] **OCCUPANT TYPE AND POSITION DETECTION SYSTEM**  
[54] **SYSTEME DE DETERMINATION DU TYPE D'OCCUPANT ET DE SA POSITION**  
[72] BRUCE, MICHAEL P., US  
[72] FARMER, MICHAEL E., US  
[71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US  
[85] 1999-09-14  
[86] 1998-04-16 (PCT/US98/07685)  
[87] 1998-10-29 (WO98/48372)  
[30] US (841,521) 1997-04-23

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<p style="text-align: center;">[21] <b>2,284,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6A61K 39/106 6C07K 16/12 6C07K 14/205 6G01N 33/68 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>A PORIN GENE FROM CAMPYLOBACTER JEJUNI, RELATED PRODUCTS AND USES THEREOF</b></p> <p>[54] <b>GENE DE PORINE EXTRAIT DE CAMPYLOBACTER JEJUNI, PRODUITS APPARENTES ET LEURS UTILISATIONS</b></p> <p>[72] JOHNSON, WENDY M., CA</p> <p>[72] RODGERS, FRANK, US</p> <p>[72] BACON, DAVID J., US</p> <p>[72] BOLLA, JEAN-MICHEL, FR</p> <p>[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH, CA</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-25 (PCT/CA98/00272)</p> <p>[87] 1998-10-01 (WO98/42842)</p> <p>[30] US (60/041,200) 1997-03-25</p>	<p style="text-align: center;">[21] <b>2,284,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/62 6C12P 21/02 6C12P 21/06 6C12N 5/10 6C12N 1/21 6A61K 38/28</b></p> <p>[25] EN</p> <p>[54] <b>PROCESS FOR PRODUCING PEPTIDE WITH THE USE OF ACCESSORY PEPTIDE</b></p> <p>[54] <b>PROCEDE DE PRODUCTION DE PEPTIDE AU MOYEN D'UN PEPTIDE ACCESSOIRE</b></p> <p>[72] SUZUKI, YUJI, JP</p> <p>[72] OHSUYE, KAZUHIRO, JP</p> <p>[72] YABUTA, MASAYUKI, JP</p> <p>[71] SUNTORY LIMITED, JP</p> <p>[85] 1999-09-28</p> <p>[86] 1999-01-29 (PCT/JP99/00406)</p> <p>[87] 1999-08-05 (WO99/38984)</p> <p>[30] JP (10/32272) 1998-01-30</p>	<p style="text-align: center;">[21] <b>2,284,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>PROBES FOR THE DIAGNOSIS OF INFECTIONS CAUSED BY KLEBSIELLA PNEUMONIAE</b></p> <p>[54] <b>SONDES POUR LE DIAGNOSTIC D'INFECTIONS DUES AU KLEBSIELLA PNEUMONIAE</b></p> <p>[72] ABE, KANAKO, JP</p> <p>[72] KESHI, HIROYUKI, JP</p> <p>[72] MATSUHISA, AKIO, JP</p> <p>[72] UEYAMA, HIROSHI, JP</p> <p>[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP</p> <p>[85] 1999-09-23</p> <p>[86] 1998-03-23 (PCT/JP98/01286)</p> <p>[87] 1998-10-01 (WO98/42843)</p> <p>[30] JP (9/71082) 1997-03-25</p>
<p style="text-align: center;">[21] <b>2,284,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/18 6C07K 16/22 6C07K 14/475 6G01N 33/68 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>HUMAN MUSCLE DERIVED GROWTH FACTOR - CARDIAC AND PANCREATIC PROTEIN (CAPP) AND GENE</b></p> <p>[54] <b>FACTEUR DE CROISSANCE DERIVE DU MUSCLE HUMAIN - PROTEINE CARDIAQUE ET PANCREATIQUE (CAPP) ET GENE ASSOCIE</b></p> <p>[72] RUBEN, STEVEN M., US</p> <p>[72] SOPPET, DANIEL R., US</p> <p>[71] HUMAN GENOME SCIENCES, INC., US</p> <p>[85] 1999-09-28</p> <p>[86] 1998-03-27 (PCT/US98/06022)</p> <p>[87] 1998-10-08 (WO98/44112)</p> <p>[30] US (60/042,855) 1997-03-28</p>	<p style="text-align: center;">[21] <b>2,284,851</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/208</b></p> <p>[25] EN</p> <p>[54] <b>CONTOUR EMPHASIZING CIRCUIT</b></p> <p>[54] <b>CIRCUIT D'ACCENTUATION DE CONTOUR</b></p> <p>[72] KURITA, MASANORI, JP</p> <p>[72] SUZUKI, SUSUMU, JP</p> <p>[71] FUJITSU GENERAL LIMITED, JP</p> <p>[85] 1999-09-24</p> <p>[86] 1997-03-25 (PCT/JP97/00994)</p> <p>[87] 1998-10-01 (WO98/43409)</p>	<p style="text-align: center;">[21] <b>2,284,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>HUMAN GENES</b></p> <p>[54] <b>GENES HUMAINS</b></p> <p>[72] TOKINO, TAKASHI, JP</p> <p>[72] NAKAMURA, YUSUKE, JP</p> <p>[71] OTSUKA PHARMACEUTICAL CO., LTD., JP</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-18 (PCT/JP98/01146)</p> <p>[87] 1998-10-01 (WO98/42835)</p> <p>[30] JP (9/93044) 1997-03-26</p>
<p style="text-align: center;">[21] <b>2,284,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b></p> <p>[25] EN</p> <p>[54] <b>ABSORBENT ARTICLE HAVING IMPROVED FLUID ACQUISITION PERFORMANCE</b></p> <p>[54] <b>PRODUIT ABSORBANT PRESENTANT UNE APTITUDE A RECUEILLIR DES FLUIDES AMELIOREE</b></p> <p>[72] EHRNSPERGER, BRUNO JOHANNES, DE</p> <p>[72] SCHMIDT, MATTIAS, DE</p> <p>[72] NEUMANN, FRANK, DE</p> <p>[72] YOUNG, GERALD ALFRED, US</p> <p>[72] LAVON, GARY DEAN, US</p> <p>[72] PALUMBO, GIANFRANCO, DE</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 1999-09-24</p> <p>[86] 1997-03-27 (PCT/US97/05046)</p> <p>[87] 1998-10-08 (WO98/43578)</p>	<p style="text-align: center;">[21] <b>2,284,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 23/036 6F16L 23/04</b></p> <p>[25] EN</p> <p>[54] <b>RING CLAMP FOR CONNECTING TWO TUBES</b></p> <p>[54] <b>COLLIER DE SERRAGE POUR LE RACCORDEMENT DE DEUX TUBES</b></p> <p>[72] ANDRE, MICHEL, FR</p> <p>[72] DETABLE, PASCAL, FR</p> <p>[71] ETABLISSEMENTS CAILLAU, FR</p> <p>[85] 1999-09-24</p> <p>[86] 1998-03-26 (PCT/FR98/00613)</p> <p>[87] 1998-10-01 (WO98/43010)</p> <p>[30] FR (97/03674) 1997-03-26</p>	

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[21] **2,284,862**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A01N 63/00 6C12N 15/13 6C07K 16/44**  
[25] EN  
[54] **EXPRESSION OF HERBICIDE-BINDING POLYPEPTIDES IN PLANTS TO PRODUCE HERBICIDE TOLERANCE**  
[54] **EXPRESSION DE POLYPEPTIDES FIXANT LES HERBICIDES DANS LES VEGETAUX POUR INDIURE UNE TOLERANCE AUX HERBICIDES**  
[72] SCHIFFER, HELMUT, DE  
[72] RABE, UDO, DE  
[72] CONRAD, UDO, DE  
[72] SCHMIDT, RALF-MICHAEL, DE  
[72] MOLLER, ACHIM, DE  
[72] LERCHL, JENS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-09-20  
[86] 1998-03-24 (PCT/EP98/01731)  
[87] 1998-10-01 (WO98/42852)  
[30] DE (19712507.7) 1997-03-25

[21] **2,284,863**  
[13] A1

[51] **Int.Cl. 6C07K 14/46 6A61K 38/17 6A61K 35/54**  
[25] EN  
[54] **ACTIVE SUBSTANCE AND COMPOSITION INHIBITING TUMOROUS PROLIFERATION IN ECTODERM DERIVED TISSUES**  
[54] **SUBSTANCE ACTIVE ET COMPOSITION INHIBANT LA PROLIFERATION TUMORALE DANS LES TISSUS DERIVES DE L'ECTODERME**  
[72] MAGVASI, GYULA, HU  
[71] MAGVASI, GYULA, HU  
[85] 1999-09-27  
[86] 1998-03-24 (PCT/HU98/00031)  
[87] 1998-10-08 (WO98/43996)  
[30] HU (P 97 00673) 1997-03-28  
[30] HU (P 97 01165) 1997-05-09

[21] **2,284,864**  
[13] A1

[51] **Int.Cl. 6C07C 275/00**  
[25] EN  
[54] **DIALKYL UREAS AS CALCITONIN MIMETICS**  
[54] **DIALKYLUREES UTILISEES EN TANT QUE SUBSTANCES IMITANT LA CALCITONINE**  
[72] HOUGHTEN, RICHARD A., US  
[72] OSTRECH, JOHN M., US  
[72] MEYER, JEAN-PHILIPPE, US  
[72] MOORE, EMMA E., US  
[72] PINELLA, CLEMENCIA, US  
[72] MCKERNAN, PATRICIA A., US  
[72] PETRIE, CHARLES, US  
[71] ZYMOGENETICS, INC., US  
[71] TREGA BIOSCIENCES, INC., US  
[85] 1999-09-20  
[86] 1999-01-20 (PCT/US99/01151)  
[87] 1999-07-29 (WO99/37604)  
[30] US (60/072,987) 1998-01-21

[21] **2,284,865**  
[13] A1

[51] **Int.Cl. 6E21B 43/10 6E21B 43/08**  
[25] EN  
[54] **EXPANDABLE WELL SCREEN**  
[54] **FILTRE EXPANSIF DESTINE A UN PUIT**  
[72] DONNELLY, MARTIN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 1999-09-24  
[86] 1998-04-27 (PCT/EP98/02577)  
[87] 1998-11-05 (WO98/49423)  
[30] EP (97201267.8) 1997-04-28

[21] **2,284,867**  
[13] A1

[51] **Int.Cl. 6G06F 13/10**  
[25] EN  
[54] **ACCESS CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE D'ACCES**  
[72] SARFATI, JEAN-CLAUDE, FR  
[72] MERIC, JÉROME, FR  
[72] DECLERCK, CHRISTOPHE, FR  
[71] CANAL + SOCIÉTÉ ANONYME, FR  
[85] 1999-09-17  
[86] 1997-04-25 (PCT/EP97/02115)  
[87] 1998-10-01 (WO98/43172)  
[30] EP (97400650.4) 1997-03-21

[21] **2,284,868**  
[13] A1

[51] **Int.Cl. 6A23L 2/78**  
[25] EN  
[54] **PROCESS FOR REDUCING THE PATULIN CONCENTRATION IN FRUIT JUICES**  
[54] **PROCEDE PERMETTANT DE REDUIRE LA CONCENTRATION EN PATULINE DES JUS DE FRUITS**  
[72] LYNDON, REX M., NZ  
[72] MILLER, CHRIS J., NZ  
[71] BUCHER-ALIMENTECH LTD., NZ  
[85] 1999-09-17  
[86] 1998-03-27 (PCT/IB98/00458)  
[87] 1998-10-08 (WO98/43500)  
[30] CH (764/97) 1997-04-03  
[30] NZ (329898) 1998-03-03

[21] **2,284,869**  
[13] A1

[51] **Int.Cl. 6B23B 51/10 6B23C 5/10 6B23B 27/16 6B23C 5/24**  
[25] EN  
[54] **ADJUSTABLE LEAD ANGLE CHAMFERING TOOLHOLDER**  
[54] **PORTE-OUTIL DE CHANFREINAGE A ANGLE D'ATTAQUE REGLABLE**  
[72] HARTSHORN, JEFFREY E., US  
[72] VOGEL, SCOTT W. (deceased), US  
[72] ADCOCK, CRAIG S., US  
[72] FOWLER, JEREMY L., US  
[71] KENNAMETAL INC., US  
[85] 1999-09-24  
[86] 1998-04-07 (PCT/US98/06886)  
[87] 1998-10-29 (WO98/47654)  
[30] US (08/844,867) 1997-04-22

[21] **2,284,870**  
[13] A1

[51] **Int.Cl. 6G01P 3/36 6G01N 21/00 6G01N 15/02 6G01N 21/64**  
[25] EN  
[54] **SYSTEM FOR DETECTING FLUORESCING COMPONENTS IN AEROSOLS**  
[54] **SYSTEME DE DETECTION DE COMPOSANTS FLUORESCENTS DANS DES AEROSOLS**  
[72] QUANT, FREDERICK R., US  
[72] HAIRSTON, PETER P., US  
[71] TSI INCORPORATED, US  
[85] 1999-09-17  
[86] 1998-03-17 (PCT/US98/05205)  
[87] 1998-09-24 (WO98/41876)  
[30] US (60/040,852) 1997-03-17

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[21] **2,284,871**  
[13] A1

[51] **Int.Cl. 6C10C 1/04 6A61K 35/04 6C10C 1/08 6A61K 7/48**  
[25] FR  
[54] **EXTRAIT DE GOUDRON DE HOUILLE A TENEUR REDUITE EN HYDROCARBURES AROMATIQUES, PROCEDE D'OBTENTION ET COMPOSITIONS DERMOCOSMETIQUES**  
[54] **COAL TAR EXTRACT WITH REDUCED AROMATIC HYDROCARBON CONTENT, METHOD FOR OBTAINING SAME AND DERMATOLOGICAL AND COSMETIC COMPOSITIONS**  
[72] NAVARRO, ROGER, FR  
[71] PIERRE FABRE DERMOCOSMETIQUE, FR  
[85] 1999-09-10  
[86] 1998-03-11 (PCT/FR98/00488)  
[87] 1998-09-17 (WO98/40447)  
[30] FR (97/02835) 1997-03-11

[21] **2,284,872**  
[13] A1

[51] **Int.Cl. 6H01Q 21/06 6H01Q 11/08 6H01Q 3/30**  
[25] FR  
[54] **ANTENNE POUR SATELLITE A DEFILEMENT**  
[54] **ANTENNA FOR ORBITING SATELLITE**  
[72] DIEZ, HUBERT, FR  
[71] CENTRE NATIONAL D'ÉTUDES SPATIALES, FR  
[85] 1999-09-10  
[86] 1998-03-17 (PCT/FR98/00535)  
[87] 1998-09-24 (WO98/42042)  
[30] FR (97/03250) 1997-03-17

[21] **2,284,873**  
[13] A1

[51] **Int.Cl. 6F25D 3/12 6C01B 31/22**  
[25] FR  
[54] **CHARIOT REFRIGERE ET INSTALLATION DE RECHARGEMENT EN AGENT REFRIGERANT**  
[54] **REFRIGERATED CATERING SERVICE TROLLEY AND INSTALLATION FOR RELOADING REFRIGERATING AGENT**  
[72] GIBOT, CLAUDE, FR  
[71] L' AIR LIQUIDE SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉ, FR  
[85] 1999-09-10  
[86] 1998-03-06 (PCT/FR98/00452)  
[87] 1998-09-17 (WO98/40680)  
[30] FR (97/02871) 1997-03-11

[21] **2,284,874**  
[13] A1

[51] **Int.Cl. 6G21B 1/00 6H05H 6/00 6H05H 1/22**  
[25] EN  
[54] **METHOD AND MACHINE FOR PRODUCING ENERGY BY NUCLEAR FUSION REACTIONS**  
[54] **PROCEDE ET MACHINE DE PRODUCTION D'ENERGIE PAR REACTIONS DE FUSION NUCLEAIRES**  
[72] BOSCOLI, RENZO, IT  
[71] BOSCOLI, RENZO, IT  
[71] CAPPELLETTI, DAVID ANTHONY, US  
[85] 1999-09-17  
[86] 1998-03-19 (PCT/IB98/00388)  
[87] 1998-10-01 (WO98/43249)  
[30] IT (BO97A000169) 1997-03-20

[21] **2,284,875**  
[13] A1

[51] **Int.Cl. 6B65G 51/03**  
[25] FR  
[54] **DISPOSITIF D'AIGUILLAGE POUR INSTALLATION DE TRANSPORT D'OBJETS**  
[54] **SWITCHING DEVICE FOR CONVEYOR SYSTEM INSTALLATION**  
[72] BERNARD, FRÉDÉRIC, FR  
[71] SIDEL, FR  
[85] 1999-09-14  
[86] 1998-04-08 (PCT/FR98/00716)  
[87] 1998-10-15 (WO98/45196)  
[30] FR (97/04514) 1997-04-08

[21] **2,284,876**  
[13] A1

[51] **Int.Cl. 6A61B 7/00**  
[25] EN  
[54] **IMPLANTABLE MICROPHONE**  
[54] **MICROPHONE IMPLANTABLE**  
[72] GOLDSTEIN, JEROD, US  
[72] ROBBINS, HARRY S., US  
[72] JAEGER, ERIC, US  
[71] SYMPHONIX DEVICES, INC., US  
[85] 1999-09-24  
[86] 1998-03-18 (PCT/US98/05337)  
[87] 1998-10-08 (WO98/43540)  
[30] US (08/826,303) 1997-03-27

[21] **2,284,877**  
[13] A1

[51] **Int.Cl. 6G03H 1/24 6G09F 9/00 6G09F 13/04 6G03H 1/04 6G09F 19/12 6G03H 1/26**  
[25] EN  
[54] **OPTICAL DISPLAY**  
[54] **AFFICHEUR OPTIQUE**  
[72] TANJI, YOSHIHIKO, JP  
[72] HAYASHI, ZENROU, JP  
[72] TAKETOMI, YOSHINAO, JP  
[72] KUBOTA, TOSHIHIRO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 1999-09-17  
[86] 1998-03-18 (PCT/JP98/01148)  
[87] 1998-09-24 (WO98/41905)  
[30] JP (9-64071) 1997-03-18  
[30] JP (9-278402) 1997-10-13

[21] **2,284,878**  
[13] A1

[51] **Int.Cl. 6F23G 5/24 6F23G 5/14 6F23G 5/44 6F23G 5/50**  
[25] FR  
[54] **INCINERATEUR ET PROCEDE D'INCINERATION DE DECHETS LIQUIDES, PATEUX ET SOLIDES**  
[54] **INCINERATOR AND METHOD FOR INCINERATING LIQUID, PASTY AND SOLID WASTE**  
[72] OLMOTTI, HUMBERT, FR  
[71] OLMOTTI, HUMBERT, FR  
[85] 1999-09-17  
[86] 1998-03-27 (PCT/FR98/00637)  
[87] 1998-10-08 (WO98/44297)  
[30] FR (97/04106) 1997-03-28

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[13] A1

[51] **Int.Cl. 6C07D 487/22 6A61K 41/00 6A61K 51/00 6A61K 51/04 6A61K 51/10**  
[25] EN  
[54] **ETHYLENE GLYCOL ESTERS OF MONOHYDROBENZOPORPHYRIN DERIVATIVES AS PHOTOACTIVE AGENTS**  
[54] **ESTERS D'ETHYLENEGLYCOL DE DERIVES DE MONOHYDROBENZOPOPHYRINE UTILISES COMME AGENTS PHOTOSENSIBLES**  
[72] WATERFIELD, ELIZABETH M., CA  
[72] RICHTER, ANNA M., CA  
[72] JAIN, ASHOK, CA  
[72] HUNT, DAVID W.C., CA  
[72] LEVY, JULIA G., CA  
[72] DOLPHIN, DAVID, CA  
[72] STERNBERG, ETHAN, CA  
[71] QLT PHOTOTHERAPEUTICS, INC., CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 1999-09-17  
[86] 1998-05-06 (PCT/CA98/00468)  
[87] 1998-11-12 (WO98/50387)  
[30] US (08/852,494) 1997-05-07

[21] **2,284,880**  
[13] A1

[51] **Int.Cl. 6C23C 2/00 6C03C 25/02 6C23C 2/24 6C23C 2/38**  
[25] FR  
[54] **PROCEDE D'ENDUCTION METALLIQUE DE FIBRES PAR VOIE LIQUIDE**  
[54] **METHOD FOR METAL COATING OF FIBRES BY LIQUID PROCESS**  
[72] HAMBURGER, JEAN, FR  
[72] FEIGENBLUM, JOSÉ PIERRE ROBERTO, FR  
[72] GARNIER, MARCEL, FR  
[72] MOLLIEUX, LUDOVIC EDMOND CAMILLE, FR  
[72] DAMBRINE, BRUNO JACQUES GÉRARD, FR  
[72] WEISS, GÉRARD GEORGES RENÉ, FR  
[72] HONNORAT, YVES CHRISTIAN LOUIS ALAIN (décédé), FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION (SNEC, FR)  
[85] 1999-09-20  
[86] 1999-01-21 (PCT/FR99/00116)  
[87] 1999-07-29 (WO99/37828)  
[30] FR (98/00644) 1998-01-22

[21] **2,284,881**  
[13] A1

[51] **Int.Cl. 6B42F 13/00**  
[25] EN  
[54] **PRINTABLE INDEX SHEET**  
[54] **FEUILLE A ONGLET IMPRIMABLE**  
[72] GOLDMAN, MICHAEL, US  
[71] ACCO USA, INC., US  
[85] 1999-09-17  
[86] 1998-03-17 (PCT/US98/05206)  
[87] 1998-09-24 (WO98/41406)  
[30] US (08/820,059) 1997-03-18

[21] **2,284,882**  
[13] A1

[51] **Int.Cl. 6G02B 6/25 6G02B 6/38**  
[25] EN  
[54] **OPTICAL FIBER HOLDER AND END-FACE PREPARATION TOOL**  
[54] **SYSTEME DE PREPARATION ET DE CONNEXION DE FACES TERMINALES DE FIBRES OPTIQUES**  
[72] WIEGAND, GORDON, US  
[72] DOSS, DONALD G., US  
[72] BERGLUND, SIDNEY J., US  
[72] ALLEN, WILLIAM G., US  
[72] COX, LARRY R., US  
[72] MANSFIELD, CHARLES M., US  
[71] THE MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-09-24  
[86] 1998-03-23 (PCT/US98/05770)  
[87] 1998-10-22 (WO98/47030)  
[30] US (08/955,275) 1997-10-21  
[30] US (08/837177) 1997-04-14

[21] **2,284,883**  
[13] A1

[51] **Int.Cl. 6B01J 27/22 6B01J 27/20 6C07C 5/22 6C01B 31/30 6C01B 31/34**  
[25] FR  
[54] **CATALYSEURS A BASE D'OXYCARBURE DE MOLYBDENE MODIFIE PREPARE A PARTIR D'OXYDE DE MOLYBDENE ORIENTE ET SON PROCEDE D'OBTENTION**  
[54] **CATALYSTS WITH MODIFIED MOLYBDENUM OXYCARBIDE BASE PREPARED FROM ORIENTED MOLYBDENUM AND METHOD FOR PRODUCING SAME**  
[72] PHAM HUU, CUONG, FR  
[72] LEDOUX, MARC JACQUES, FR  
[72] BOUCHY, CHRISTOPHE, FR  
[72] DELPORTE, PASCALE, FR  
[72] DEL GALLO, PASCAL, FR  
[71] PECHINEY RECHERCHE, FR  
[85] 1999-09-20  
[86] 1998-03-19 (PCT/FR98/00551)  
[87] 1998-10-01 (WO98/42438)  
[30] FR (97/03726) 1997-03-21

[21] **2,284,884**  
[13] A1

[51] **Int.Cl. 6H04N 7/15 6H04N 7/14**  
[25] FR  
[54] **SYSTEME DE VISIOCONFERENCE**  
[54] **VIDEOCONFERENCE SYSTEM**  
[72] MAHIEUX, YANNICK, FR  
[72] BUCHNER, GEORGES, FR  
[72] WIPLIEZ, CHRISTIAN, FR  
[72] JULLIEN, JEAN-PASCAL, FR  
[71] FRANCE TELECOM, FR  
[85] 1999-09-22  
[86] 1998-03-26 (PCT/FR98/00625)  
[87] 1998-10-08 (WO98/44734)  
[30] FR (97/03785) 1997-03-27

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[21] **2,284,885**

[13] A1

[51] **Int.Cl. 6A61K 7/48**

[25] EN

[54] **VELVETY HYDROCARBON**

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[54] **COMPOSITIONS COSMETIQUES**

**VELOUTEES A BASE**

**D'HYDROCARBURES**

[72] HUGGINS, NICOLE B., US

[72] NAJDEK, LINDA, US

[72] EHRENBERG, JEFFREY, US

[72] SHAH, AMIT R., US

[72] ORR, CARL C., US

[72] SHIDARA, AYA, US

[71] E-L MANAGEMENT

CORPORATION, US

[85] 1999-09-17

[86] 1999-02-12 (PCT/US99/03151)

[87] 1999-09-02 (WO99/43297)

[30] US (09/032,614) 1998-02-27



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[21] **2,284,488**  
[13] A1  
[51] Int.Cl. 6E21B 7/08 6E21B 23/00  
[25] EN  
[54] WHIPSTOCK APPARATUS AND METHODS OF USE  
[54] APPAREIL A SIFFLET DEVIATEUR ET MODES D'UTILISATION  
[72] SIEBER, BOBBY G., US  
[71] SIEBER, BOBBY G., US  
[22] 1995-02-21  
[43] 1995-08-31  
[62] 2,179,184  
[30] US (08/201,800) 1994-02-25

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[21] **2,284,497**  
[13] A1  
[51] Int.Cl. 6F25B 49/02 6G05B 9/02  
[25] EN  
[54] A METHOD OF OPERATING A TRANSPORT REFRIGERATION UNIT  
[54] METHODE D'EXPLOITATION D'UN GROUPE FRIGORIFIQUE DE TRANSPORT  
[72] HANSON, JAY LOWELL, US  
[71] THERMO KING CORPORATION, US  
[22] 1992-07-10  
[43] 1993-01-12  
[62] 2,073,612  
[30] US (728,465) 1991-07-11

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[21] **2,284,509**  
[13] A1  
[51] Int.Cl. 6B21D 28/36 6B21D 37/04  
[25] EN  
[54] TURRET PUNCH PRESS  
[54] POINCONNEUSE A TOURELLE REVOLVER  
[72] MATSUDA, MORIKATSU, JP  
[71] AMADA COMPANY, LIMITED, JP  
[22] 1991-06-04  
[43] 1991-12-05  
[62] 2,084,416  
[30] JP (2-144509) 1990-06-04

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[21] **2,284,524**  
[13] A1  
[51] Int.Cl. 6E21B 7/08 6E21B 23/00  
[25] EN  
[54] WHIPSTOCK APPARATUS AND METHODS OF USE  
[54] APPAREIL A SIFFLET DEVIATEUR ET MODES D'UTILISATION  
[72] SIEBER, BOBBY G., US  
[71] SIEBER, BOBBY G., US  
[22] 1995-02-21  
[43] 1995-08-31  
[62] 2,179,184  
[30] US (08/201,800) 1994-02-25

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[21] **2,284,528**  
[13] A1  
[51] Int.Cl. 6A61F 2/02  
[25] EN  
[54] INTRALUMINAL GRAFT  
[54] GREFFE ENDOLUMINALE  
[72] WHITE, GEOFFREY, AU  
[72] YU, WEIYUN, AU  
[71] ENDOGAD RESEARCH PTY LIMITED, AU  
[22] 1994-09-29  
[43] 1995-04-06  
[62] 2,150,348  
[30] AU (PM 1537) 1993-09-30

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[21] **2,284,569**  
[13] A1  
[51] Int.Cl. 6C07C 49/84 6C07C 323/22 6C07C 255/54 6C07D 231/56  
[25] EN  
[54] N-(ARYLOXYALKYL) HETEROARYLPIPERIDINES AND-HETEROARYLPIPERAZINES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS  
[54] N-(ARYLOXYALKYL) HETEROARYLPIPERIDINES ET -HETEROARYLPIPERAZINES, PROCEDE DE PREPARATION ET LEUR UTILISATION COMME MEDICAMENTS  
[72] BORDEAU, KENNETH J., US  
[72] STRUPCZEWSKI, JOSEPH THOMAS, US  
[72] HELSLEY, GROVER CLEVELAND, US  
[72] CHIANG, YULIN, US  
[71] HOECHST MARION ROUSSEL, INC., US  
[22] 1990-05-18  
[43] 1990-11-19  
[62] 2,017,193  
[30] US (354,411) 1989-05-19  
[30] US (456,790) 1989-12-29

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[21] **2,284,577**  
[13] A1  
[51] Int.Cl. 6H02J 9/00 6H04B 7/14  
[25] EN  
[54] COMMUNICATION SYSTEM FOR SINGLE POINT EMERGENCY LIGHTING  
[54] SYSTEME DE COMMUNICATION POUR ECLAIRAGE DE SECOURS A POINT UNIQUE  
[72] PUCKERIDGE, LARRY, AU  
[72] HELAL, MOHAMMED ABDELMONIEM, AU  
[71] MINITRONICS PTY. LIMITED, AU  
[22] 1990-06-28  
[43] 1991-03-01  
[62] 2,020,090  
[30] US (07/401,120) 1989-08-31

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[21] **2,284,587**  
[13] A1

[51] **Int.Cl. 6H04N 7/025**  
[25] EN  
[54] **USER INTERFACE FOR TELEVISION SCHEDULE SYSTEM**  
[54] **INTERFACE UTILISATEUR POUR SYSTEME DE PROGRAMMATION DE TELEVISION**  
[72] YOUNG, PATRICK, US  
[72] EBRIGHT, ALLAN R., US  
[72] ROOP, JOHN H., US  
[72] FABER, MICHAEL W., US  
[72] ANDERSON, DAVID, US  
[71] STARSIGHT TELECAST, INC., US  
[22] 1991-09-10  
[43] 1992-03-11  
[62] 2,091,160  
[30] US (579,555) 1990-09-10

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[21] **2,285,116**  
[13] A1

[51] **Int.Cl. 6G01N 27/403**  
[25] EN  
[54] **GAS SENSOR WITH SEAL**  
[54] **DETECTEUR DE GAZ AVEC UN SCEAU**  
[72] MARTELL, DENNIS, US  
[72] LINDNER, JUERGEN, US  
[72] WARBURTON, PIERS RICHARD GROVE, US  
[72] LINDNER, LAURA ANN, US  
[71] NATIONAL DRAEGER INCORPORATED, US  
[71] J AND N ASSOCIATES, INC., US  
[22] 1996-08-07  
[43] 1997-02-17  
[62] 2,182,857  
[30] US (08/515,688) 1996-08-16

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[21] **2,285,089**  
[13] A1

[51] **Int.Cl. 6G06F 12/08 6G06F 17/30**  
[25] EN  
[54] **LOGICAL MAPPING OF DATA OBJECTS USING DATA SPACES**  
[54] **MISE EN CORRESPONDANCE LOGIQUE D'OBJETS INFORMATIFS AU MOYEN D'ESPACES DE DONNEES**  
[72] FECTION, JEAN GILLES, CA  
[72] KLIGERMAN, EUGENE, CA  
[72] KOLLAR, LUBOR, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1991-11-12  
[43] 1993-05-13  
[62] 2,055,295

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[21] **2,285,117**  
[13] A1

[51] **Int.Cl. 6G01N 27/403**  
[25] EN  
[54] **GAS SENSOR WITH CONDUCTIVE HOUSING PORTIONS**  
[54] **DETECTEUR DE GAZ CONDUCTEUR POUR DES PARTIES DE LOGEMENT**  
[72] WARBURTON, PIERS RICHARD GROVE, US  
[72] MARTELL, DENNIS, US  
[72] LINDNER, LAURA ANN, US  
[72] LINDNER, JUERGEN, US  
[71] J AND N ASSOCIATES, INC., US  
[71] NATIONAL DRAEGER INCORPORATED, US  
[22] 1996-08-07  
[43] 1997-02-17  
[62] 2,182,857  
[30] US (08/515,688) 1996-08-16

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[21] **2,285,096**  
[13] A1

[51] **Int.Cl. 6G06F 12/08 6G06F 17/30**  
[25] EN  
[54] **LOGICAL MAPPING OF DATA OBJECTS USING DATA SPACES**  
[54] **MISE EN CORRESPONDANCE LOGIQUE D'OBJETS INFORMATIFS AU MOYEN D'ESPACES DE DONNEES**  
[72] KLIGERMAN, EUGENE, CA  
[72] FECTION, JEAN GILLES, CA  
[72] KOLLAR, LUBOR, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1991-11-12  
[43] 1993-05-13  
[62] 2,055,295

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[21] **2,285,123**  
[13] A1

[51] **Int.Cl. 6B64F 1/20 6F21V 21/14**  
[25] EN  
[54] **HEIGHT AND AZIMUTH ADJUSTABLE CONTAINERS**  
[54] **CONTENANTS A REGLAGE DE HAUTEUR ET D'AZIMUT**  
[72] REINERT, GARY L., SR., US  
[71] REINERT, GARY L., SR., US  
[22] 1993-12-29  
[43] 1994-07-21  
[62] 2,152,189  
[30] US (08/002,014) 1993-01-08  
[30] US (08/058,356) 1993-05-10  
[30] US (08/171,094) 1993-12-21

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		Wm. Wrigley Jr. Company	2,232,874		
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HOLZ-, METALL-, ABFALL-, RECYCLINGTECHNIK GMBH	2,272,009	KALKANOGLU, Husnu M. KARAU, Andreas KATO, Katsumi	2,271,519 2,269,694 2,270,262	LEENHOUTS, Michael A. LEENHOUTS, Michael A. LEICO GMBH & CO. WERKZEUGMASCHINEN BAU	2,270,494 2,270,737 2,271,115 2,271,115
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,271,498	KAWADA, Minoru KELLER, Melvin William KELLY, Mark	2,270,262 2,260,409 2,267,937	LELONG-GILBERT, Anne- Gäelle LEONATTI, John A. LEOTEK ELECTRONICS CORPORATION	2,268,389 2,265,355 2,261,368
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,271,515	KELLY, Mark KELLY, Mark KELLY, Mark	2,267,939 2,267,940 2,267,946	LIM, Mu-Il LIN, Mei-Lu LINDQVIST, Per-Olof LIU, Chieh-Pi	2,271,510 2,237,230 2,242,452 2,237,278
HONGMAO, Tang	2,237,133	KER, Victoria KER, Victoria KER, Victoria	2,267,939 2,267,940 2,267,946	LIVIERO, Christel LOBERG, Arnold LOCKHART, Clayton M. LOCKHEED MARTIN CORPORATION	2,271,263 2,236,889 2,269,270 2,244,574
HORVATH, Joseph Paul	2,271,422	KER, Victoria KER, Victoria KERSTEN, Steven Allen	2,267,939 2,267,940 2,271,526	LONDON, Rupert W.W. LONDON, Winston P. LONG, David J. LORAL SPACECOM CORP. L'OREAL	2,231,087 2,231,087 2,265,263 2,269,905 2,271,263
HOWARD, James J.	2,270,494	KEYS, James Frederick KHADKIKAR, Prasad S. KIERMEIER, Theodor	2,270,256 2,267,993 2,271,446	LOUIS, Jeffrey S. LUCENT TECHNOLOGIES INC. LUCENT TECHNOLOGIES INC.	2,265,406 2,267,001 2,267,002 2,267,589
HOWCHIN, Robert W.	2,237,344	KISSLING, Ralph KIISKILÄ, Erkki KILPINEN, Pia	2,271,818 2,271,436 2,271,436	LUCENT TECHNOLOGIES INC. LUCENT TECHNOLOGIES INC.	2,267,714 2,269,651 2,237,481 2,237,496
HOWMEDICA GMBH	2,271,454	KIM, Chul KIMBERLY-CLARK WORLDWIDE, INC.	2,257,770 2,270,674 2,271,896	LUZZI, Joseph MÄDER, Urs MAIR, Hans-Jürgen MANGENET, Gérard Yves MANN, Thomas H., II	2,267,719 2,271,529 2,271,396 2,270,796 2,270,494
HUBBARD, Loyd Thomas, Jr.	2,239,769	KIMBLIN, Clive W. KINIGAKIS, Panagiotis KIRBY, Donald	2,271,896 2,270,736 2,267,470	MARAZZANI, Beat MARÉS IBANEZ, Pere MARJANOVIC, Nicolas MARKUTEN, Richard MARTIN, David	2,231,087 2,231,087 2,265,263 2,269,905 2,271,263
HUBBE, Pascal	2,266,055	KINIGAKIS, Panagiotis KIRBY, Donald KITADE, Takashi	2,270,736 2,267,470 2,270,798	MARJANOVIC, Nicolas MARKUTEN, Richard MARTIN, David MARTYN, Gary A. MASCOTECH, INC.	2,265,406 2,267,001 2,267,002 2,267,589 2,267,714 2,269,651 2,237,481 2,237,496
HUBBE, Pascal	2,268,389	KLINK, Patricia KMK LIZENCE LTD. KNECHT, Dennis M.	2,269,270 2,270,640 2,237,481	MATSKO, Joseph J. MATSKO, Joseph J. MATSUNAGA, Yasuhiko MATSUOKA, Mitsuo MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,269,905 2,271,263 2,265,406 2,267,001 2,267,002 2,267,589 2,267,714 2,269,651 2,237,481 2,237,496 2,267,719 2,271,529 2,271,396 2,270,796 2,270,494 2,271,529 2,252,029 2,268,499 2,266,970 2,271,813 2,269,270 2,271,303 2,270,840 2,271,441 2,271,443 2,271,362 2,237,509
HUBNER GUMMI- UND KUNSTSTOFF GMBH	2,271,065	KNOKEY, Eugene R. KOESTERMEIER, Karl-Heinz KOESTERS, James P.	2,270,849 2,271,115 2,270,494	MAYHOOD, Keith Lynn MAYTAG CORPORATION McGILL UNIVERSITY	2,244,574 2,231,087 2,231,087 2,265,263 2,269,905 2,271,263 2,265,406 2,267,001 2,267,002 2,267,589 2,267,714 2,269,651 2,237,481 2,237,496 2,267,719 2,271,529 2,271,396 2,270,796 2,270,494 2,271,529 2,252,029 2,268,499 2,266,970 2,271,813 2,269,270 2,271,303 2,270,840 2,271,441 2,271,443 2,271,362 2,237,509
HUBNER, Reinhard	2,271,065	KOESTERS, James P. KONZMAN, Edward J. KOU, Weidong	2,270,737 2,270,840 2,237,441		
HUTCHINSON, Martin	2,237,448	KOZLOWSKI, Joseph J. KRAFT FOODS, INC. KRAFT FOODS, INC.	2,271,398 2,270,736 2,271,182		
HUTHMACHER, Klaus	2,271,518	KRAMBECK, Frederick Carl KRAUTER, Heinrich KRAUTER, Heinrich	2,260,409 2,271,428 2,271,430		
HYDRO-QUÉBEC	2,237,414	KRAUTER, Heinrich KRETZ, Stephan KREUSER, Christopher F.	2,271,434 2,271,518 2,271,592		
IANELLO, Garrick J.	2,268,540	KRILL, Steffen KROLL, Dennis E. KRUPA, Paul A.	2,271,518 2,270,759 2,265,263		
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,237,441	KUGIMIYA, Takanori KUJOORY, Ali Mohammad KVAERNER PROCESS SYSTEMS, INC.	2,266,864 2,269,922 2,271,359 2,271,359		
IGI, Masami	2,271,366	LABRECQUE, Raynald LABRUQUERE, Sandrine LAFLAMME, Claude B.	2,237,414 2,271,177 2,237,414		
ILLINOIS TOOL WORKS INC.	2,269,317	LAMOUREUX, Guy LANKFORD, William Timothy LARONDE, Mark J.	2,237,511 2,270,680 2,237,261		
INFIMED, INC.	2,270,269	LASTRA S.P.A. LEE, Barry William LEE, Daniel	2,271,834 2,234,864 2,237,305		
INKS, David A.	2,271,493	LEE, Henry C. LEE, Myeong-Hwan LEE, Wante	2,237,209 2,271,247 2,271,270		
INOUE, Chiyoshi	2,271,408				
INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL	2,271,326				
INSTITUTE OF LEGAL MEDICINE OF THE UNIVERSITY OF BERNE	2,237,209				
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,267,719				
INVENTIO AG	2,271,225				
IODICE, Robert M.	2,270,269				
IRELAND, Walter B.	2,271,336				
IVANDIC, Ivan	2,271,589				
IVANDIC, Vladimir	2,271,589				
IWANAGA, Shuzo	2,271,408				
JACOBS, Stephen J.	2,271,592				
JANG, Seong-deog	2,257,770				
JANSSON, Torgny	2,271,171				
JANSSON, Torgny	2,271,172				
JCM CO., LTD.	2,237,509				
JDS FITEL INC.	2,254,385				
JDS FITEL INC.	2,270,738				
JENKINS, Robert L.	2,238,455				
JENNINGS, John	2,271,333				
JEREMIC, DUSAN	2,267,937				
JEREMIC, DUSAN	2,267,939				
JEREMIC, DUSAN	2,267,940				
JEREMIC, DUSAN	2,267,946				
JOHNSON WORLDWIDE ASSOCIATES, INC.	2,271,592				
JOHNSON, Richard	2,271,303				
JOLICOEUR, Paul	2,271,326				
JOLIVET, Jacques	2,235,094				
JOLIVET, Jacques	2,271,267				

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MCKAY, Ian	2,237,231	NILSSON, Göran	2,265,082	PETTY, Joe V.	2,244,574
McLELLAN, Kerry	2,237,223	NISHINO, Masaru	2,271,553	PEVERI, Paolo	2,271,834
McLELLAN, Kerry	2,263,777	NONOBE, Yasuhiro	2,270,860	PFIRSCH, Thierry	2,271,338
McMAHAN, Michael E.	2,270,759	NORGAARD, Jessica	2,237,383	PHILLIPS, Norman J.	2,271,270
McNALLY, Wayd	2,237,295	NORTELE NETWORKS CORPORATION	2,271,813	PHILLIPS, Norman Joseph	2,271,265
McROBERTS, Thomas M.	2,266,812	NORTHERN TELECOM LIMITED	2,237,208	PHILLIPS, R. William	2,237,415
McVAUGH, Arthur K.	2,271,335	NORTHERN TELECOM LIMITED	2,237,264	PICTON, Daniel R.	2,249,873
MEINERS, Mary Deborah	2,271,360	NORTHERN TELECOM LIMITED	2,237,422	PIPETRONIX GMBH	2,270,858
METAL BOX SOUTH AFRICA LIMITED	2,271,405	NORTHERN TELECOM LIMITED	2,256,293	POLDING, Janet Marie Armstrong	2,237,462
METSÄ-SERLA OYJ	2,271,417	NORTHERN TELECOM LIMITED	2,270,607	POLLIE, Philippe	2,267,718
MEYER, Bradley John	2,261,541	NORTHFIELD METAL PRODUCTS LTD.	2,260,204	POPP, Margaret	2,271,510
MEYERS, Edward J.	2,271,360	NORTHROP GRUMMAN CORPORATION	2,270,494	POPPE, Hildegard	2,271,831
MEYERS, Thomas Anthony	2,271,522	NORTHROP GRUMMAN CORPORATION	2,270,737	POPPE, Hildegard	2,271,837
MIDAS, Thomas J.	2,245,279	NORTHROP GRUMMAN CORPORATION	2,265,263	PRAIRIE, Douglas Samuel	2,261,541
MIETTE, Véronique	2,270,796	NORTON COMPANY	2,267,937	PRECETTI, Massimo	2,244,485
MILLER EUROPE S.P.A.	2,271,499	NOVA CHEMICALS CORPORATION	2,267,939	PREUSS, Andrea	2,271,519
MILLER EUROPE S.P.A.	2,271,500	NOVA CHEMICALS CORPORATION	2,267,940	PROUGH, James R.	2,271,293
MILLER, Daniel R.	2,265,355	NOVA CHEMICALS CORPORATION	2,237,231	PROUGH, James R.	2,271,615
MINITUBE OF AMERICA, INC.	2,236,748	NOVA CHEMICALS LTD.	2,271,515	PURSE, Christopher Michael	2,271,813
MISHIMA, Yoshitaka	2,270,792	OBARA, Keisuke	2,270,738	R.G. BARRY CORPORATION	2,262,809
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,270,262	OBHI, Jasvinder	2,271,498	RADCLIFFE, Paul H.	2,271,398
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,270,672	OGAWA, Kenichi	2,271,498	RAI, Girish	2,267,001
MIYA, Kazuyuki	2,270,798	OGAWA, Naohide	2,271,360	RAI, Girish	2,267,002
MOEHNKE, Michael D.	2,268,540	OH, Nam H.	2,271,498	RAKUS, Paul Richard	2,271,231
MOMONA, Morihisa	2,271,362	OKADA, Yasushi	2,270,774	RAKUS, Paul Richard	2,271,239
MOORE, Eric D.	2,270,494	OKAMURA, Yusaku	2,274,782	RAKUS, Paul Richard	2,271,247
MOORE, Eric D.	2,270,737	O'KEEFE, Larry	2,269,148	RAKUS, Paul Richard	2,271,296
MORGAN, Jeffery A.	2,265,355	OLSEN, David R.	2,271,372	RAMCHANDANI, Shyam	2,230,991
MORGAN, Jeffery A.	2,265,359	ORIRAN, T. Philips	2,271,225	RASMUSSEN, Ronald J.	2,264,401
MORGAN, Jeffery A.	2,265,406	ORNDRUFF, Karl B.	2,271,191	RATNANI, Kébir	2,237,011
MORIN, Claude	2,237,317	ORTEL, William C. G.	2,270,852	RAVERA, Franco	2,270,326
MORISSETTE, Jean	2,231,720	ORTIZ, Carlos E.	2,271,497	RAYMOND, Vincent	2,231,720
MOROZ, Jody	2,237,097	OTANA, Hiroshi	2,271,873	REAVELL, James A.	2,237,415
MORTON INTERNATIONAL, INC.	2,271,398	OZAWA, Philippe	2,271,410	REID, Abel Patrick	2,237,372
MOSELEY, Andrew	2,242,452	OZAWA, Kazunori	2,271,498	REPS, Steven M.	2,267,719
MOTORA, Eugen	2,274,782	OZAWA, Nobuaki	2,237,257	RHEEM MANUFACTURING COMPANY	2,264,401
MULTIDESIGN LIMITED	2,271,245	PA - PLUG INC.	2,267,714	RHONE-POULENC AGRO RIBADEAU-DUMAS, Guillaume	2,270,680
MUNCH, Thomas	2,271,406	PAGANO, Carmine James II	2,271,177	RICHARDS, John F.	2,270,794
MURPHY, Paul Anthony	2,250,691	PAILLER, René	2,264,215	RICHARDSON, Thomas J.	2,267,652
MURRAY, Timothy Allen	2,261,541	PALMER, Russell W.	2,271,510	RICHTER, Thomas	2,269,651
MUSCO CORPORATION	2,271,599	PAN, Yuh-Guo	2,271,521	ROBERTS, Randall Scott	2,270,858
MUTHIAH, Jen	2,271,398	PÄPER, Bernd	2,272,009	ROBERTS, Ian	2,237,448
NAKAMATSU, Akira	2,271,905	PARSONS, Richard Gordon	2,270,680	ROBINECK, Bernd	2,271,454
NAKAMOTO, Yukimasa	2,270,672	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,271,446	ROQUETTE FRERES	2,270,794
NAKAMURA, Nobuo	2,271,905	PELIKAN PRODUKTIONS AG	2,271,428	ROQUETTE FRERES	2,271,319
NAKANISHI, Hiroshi	2,266,864	PELIKAN PRODUKTIONS AG	2,271,430	ROSKY, Timothy Allen	2,237,246
NANDY, Biswajit	2,237,208	PELIKAN PRODUKTIONS AG	2,271,434	ROSSMAN, Eileen W.	2,271,225
NANDY, Biswajit	2,237,264	PENNER, Alvin	2,232,399	ROSSON, Joel C.	2,237,481
NASSIM, Eli	2,270,011			ROTH, Frank	2,271,270
NEC CORPORATION	2,270,774			RUBBRIGHT, Harry A.	2,271,360
NEC CORPORATION	2,271,184			RUCKI, John Stanley	2,267,714
NEC CORPORATION	2,271,362			RULE, Martin Christopher	2,271,182
NEC CORPORATION	2,271,410			RUSSELL, Charles	2,267,937
NEC CORPORATION	2,271,553			RUSSELL, Charles	2,267,939
NEC CORPORATION	2,271,554			RUSSELL, Charles	2,267,940
NGOC, Hung Dang	2,269,512			RUSSELL, Charles	2,267,946
NICHOL, Claudia D.	2,271,392			SAHNI, Atam P.	2,270,852
NICHOLL, Edward G.	2,271,398			SALOMON S.A.	2,271,321
NICHOLSON, David John	2,271,813			SAMI, Samuel M.	2,237,011
				SAMPSON, Wesley C.	2,268,699

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SANDLER, Howard M.	2,256,293	SOBEK, Susan M.	2,270,852	TEXAS UNITED CHEMICAL COMPANY, LLC.	2,271,286
SANYO ELECTRIC CO., LTD.	2,271,497	SOCIETE NATIONALE D'ETUDE ET DE		THE BOEING COMPANY	2,267,652
SASAKI, Kyosuke	2,271,515	CONSTRUCTION DE MOTEURS D'AVIATION -		THE COE MANUFACTURING COMPANY	2,270,849
SAVARD, Donald D.	2,237,257	S.N	2,271,177	THE GOODYEAR TIRE & RUBBER COMPANY	2,269,512
SAVIHARJU, Kari	2,271,436	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,265,082	THE HOOVER COMPANY	2,265,355
SCC ENVIRONMENTAL	2,237,291	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,265,962	THE HOOVER COMPANY	2,265,359
SCHÄFER, Thomas	2,271,096	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,267,718	THE HOOVER COMPANY	2,265,406
SCHEFFER, Steven M.	2,269,969	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,268,350	THE LUBRIZOL CORPORATION	2,270,840
SCHIEBELHOFFER, Anthony S.	2,270,852	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,268,499	THE MINSTER MACHINE COMPANY	2,264,215
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SCHMITT, Hermann	2,271,518	"Sneec	2,270,796	THEBAULT, Jacques	2,271,177
SCHMITZ, Bernhard	2,271,393	SOLHEIM, Alan	2,271,813	THERM-O-DISC, INCORPORATED	2,267,993
SCHRECK, Alan D.	2,270,494	SONY CORPORATION	2,271,905	THEW, Karl Barry	2,271,350
SCHRYER, Richard F.	2,271,360	SOUTHAN, Christopher Donald	2,248,963	THIEDE, Thilo	2,271,445
SEABERG, Richard D.	2,261,493	SOUTHAN, Christopher Donald	2,248,987	THOMPSON, Graham	2,267,607
SEDDIGH, Nabil	2,237,208	SPECHT, Glenn E.	2,265,359	THOMSON SAGINAW BALL SCREW COMPANY, LLC	2,256,063
SEDDIGH, Nabil	2,237,264	SPECHT, Glenn E.	2,265,406	THOO, Joseph Fook-Kong	2,237,208
SEHOVAC, Sinisa	2,232,388	STAHL, Kermit E.	2,238,455	THOO, Joseph Fook-Kong	2,237,264
SEPEŠI, David A.	2,256,063	STEGEMEIER, David S.	2,271,531	THWAITES, Alfred Christopher	2,271,250
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SHAH, Navin B.	2,271,398	STEWART, Theresa	2,262,809	TONEN CORPORATION	2,266,864
SHANKOFF, Theodore A.	2,271,257	STOCKHAMMER, Stefan	2,271,519	TOPDJIAN, Krikor	2,232,459
SHARP, Bruce R.	2,237,107	STOHR, Oliver	2,271,818	TORMEK AB	2,271,171
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,271,350	STOLTENBERG, Ingo	2,271,454	TORMEK AB	2,271,172
SHIBATA, Atsushi	2,271,515	STUMPF, William S.	2,260,204	TORRIANO, Simon	2,270,740
SHIMIZU, Eiichiro	2,271,408	STUTZ, William H., Jr.	2,271,493	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,269,694
SHIMOE, Nariaki	2,270,792	SUGI, Mitsuyo	2,271,366	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,270,860
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SICA, Gerardo	2,237,212	SUN HILL INDUSTRIES, INC.	2,271,456	TREMBLAY, Christian	2,271,501
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SIECOR CORPORATION	2,237,496	SWALES, James Richard	2,237,121	TURNER, David	2,269,112
SIEGEL, Mark S.	2,271,372	SWIFT, Kenneth R., Jr.	2,264,401	TURNER, David	2,272,022
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SILVERMAN, Brian Dudley	2,269,153	TAIHO PHARMACEUTICAL CO., LTD.	2,271,366	ULERICH, Phillip L.	2,271,270
SIMMET, Christian J.	2,236,748	TAKAHARA, Isamu	2,269,694	ULERICH, Phillip L.	2,271,327
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SIMMONDS, John	2,230,975	TANG, Punan	2,264,401	ULERICH, Phillip L.	2,271,296
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WANG, Holman	2,271,633
WATERSAVER FAUCET CO.,	2,271,526
WEBER, Vincent L.	2,265,359
WEBER, Vincent L.	2,265,406
WEHRLI, Hank Anthony III	2,271,240
WEHRLI, Hank Anthony III	2,271,246
WEHRLI, Hank Anthony III	2,271,287
WEHRLI, Hank Anthony III	2,271,296
WEHRLI, Hank Anthony III	2,271,314
WEHRLI, Hank Anthony III	2,271,557
WELLING, William E.	2,256,063
WELLNER, Edward Louis	2,271,240
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WOLD, Edwin L.	2,237,437
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WU, Chen H.	2,261,368
WU, François Jean	2,270,796
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YAMANE, Keiji	2,270,860
YAMAWAKI, Shuta	2,271,515
YANAGLHARA, Shigeru	2,271,515
YANNIELLO, Robert	2,271,441
YOSHIMURA, Joji	2,270,860
YOUNG, Duncan, Grant	2,250,691
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ABBOTT LABORATORIES	2,284,731	ARTFOIL GRAPHIC MACHINERY LIMITED	2,284,535	BAXTER AKTIENGESELLSCHAFT	2,284,820
ABE, KANAKO	2,284,555	ARVIN INDUSTRIES, INC.	2,284,070	BAYER AKTIENGESELLSCHAFT	2,284,492
ABE, KANAKO	2,284,858	ASAHI, TAKASHI	2,284,619	BAYER AKTIENGESELLSCHAFT	2,284,776
ABELLEIRA, ANGEL	2,284,579	ASCHER, GERD	2,284,501	BAYER AKTIENGESELLSCHAFT	2,284,821
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ACCUMETRICS, INC.	2,284,559	ASTRA AKTIEBOLAG	2,284,485	BECHTEL, JON HAROLD	2,284,496
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ALEX, MATTHIAS	2,284,692	AVON PRODUCTS, INC.	2,284,628	BERNARD, FRÉDÉRIC	2,284,875
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ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH	2,284,785	BÄCKLUND, INGVAR	2,284,637	BERTEAU, CHARLES DONALD	2,284,593
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BOUCHY, CHRISTOPHE	2,284,883	CANADIAN SPACE AGENCY	2,284,091	COMISKEY, BARRETT	2,284,057
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BRISTOL-MYERS SQUIBB		CAZALET, PETER M.	2,284,652	FOUNDATION, INC.	2,284,514
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BRISTOL-MYERS SQUIBB		SPATIALES	2,284,872	COTICHINI, CHRISTIAN	2,284,806
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BROADBAND ASSOCIATES	2,284,797	CHAFFANJON, PIERRE		CHARLES	2,284,763
BROEKKAMP,		GILBERT HENRI JEAN	2,284,460	COTTRELL, JONATHAN	
CHRISTOPHORUS LOUIS		CHAFFANJON, PIERRE		CHARLES	2,284,825
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BROTZEN, FRANZ R.	2,284,831	CHAMBERS, GARRY	2,284,634	CREE RESEARCH, INC.	2,284,771
BROW, MARY ANN D.	2,284,552	CHANDLER, W. JEFFREY	2,284,519	CRISH, JAMES F.	2,284,735
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BUCALA, RICHARD J.	2,284,471	CHEN, FUNG-JOU	2,284,809	CURRO, JOHN J.	2,284,702
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DELLA NEGRA, ANGELICO	2,284,765	EMMERICH, HORST	2,284,526	GADOW, RAINER	2,284,614
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MIDDIONE, MARK ALBERT	2,284,746	NIELSEN, KENT E.	2,284,503	OVERBEEK, GERARDUS	
MIELING, JAMES A.	2,284,590	NIENABER, PAUL	2,284,753	CORNELIS	2,284,767
MIKUS, ENDRE	2,284,774	NIENABER, PAUL	2,284,754	OYENUGA, CHARLES	2,284,658
MILBURN, MARK E.	2,284,661	NIKIFOROV, THEO T.	2,284,622	PACIELLO, ROCCO	2,284,521
MILKHAUS LABORATORY,		NIMBLETT, FRANCIS E.	2,284,655	PADGET, JOHN CHRISTOPHER	2,284,767
INC.	2,284,482	NOBEL BIOCARE AB	2,284,580	PAEK, UN-CHUL	2,284,562
MILLER, CHRIS J.	2,284,868	NOBEL BIOCARE AB	2,284,823	PAHLCK, HAROLD E.	2,284,628
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INDUSTRIES, LTD.	2,284,491	NORTEL NETWORKS		PATERSON, DONALD J.	2,284,543
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INDUSTRIES, LTD.	2,284,493	NORTEL NETWORKS		PATENTVERWERTUNGSG	
MITSUBISHI HEAVY		CORPORATION	2,284,566	ESELLSCHAFT FUR	
INDUSTRIES, LTD.	2,284,494	NORTEL NETWORKS		SATELLITEN- UND	
MITSUBISHI HEAVY		CORPORATION	2,284,788	MODER	2,284,643
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MOBIL OIL CORPORATION	2,284,582	NOUFI, ROMMEL	2,284,826	PAVLICEVIC, MILORAD	2,284,765
MOBIL OIL CORPORATION	2,284,584	NOVARTIS AG	2,284,729	PC-TEL, INC.	2,284,768
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MONSANTO COMPANY	2,284,668	NUMATA, TADASHI	2,284,595	PEIL, KEVIN P.	2,284,789
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