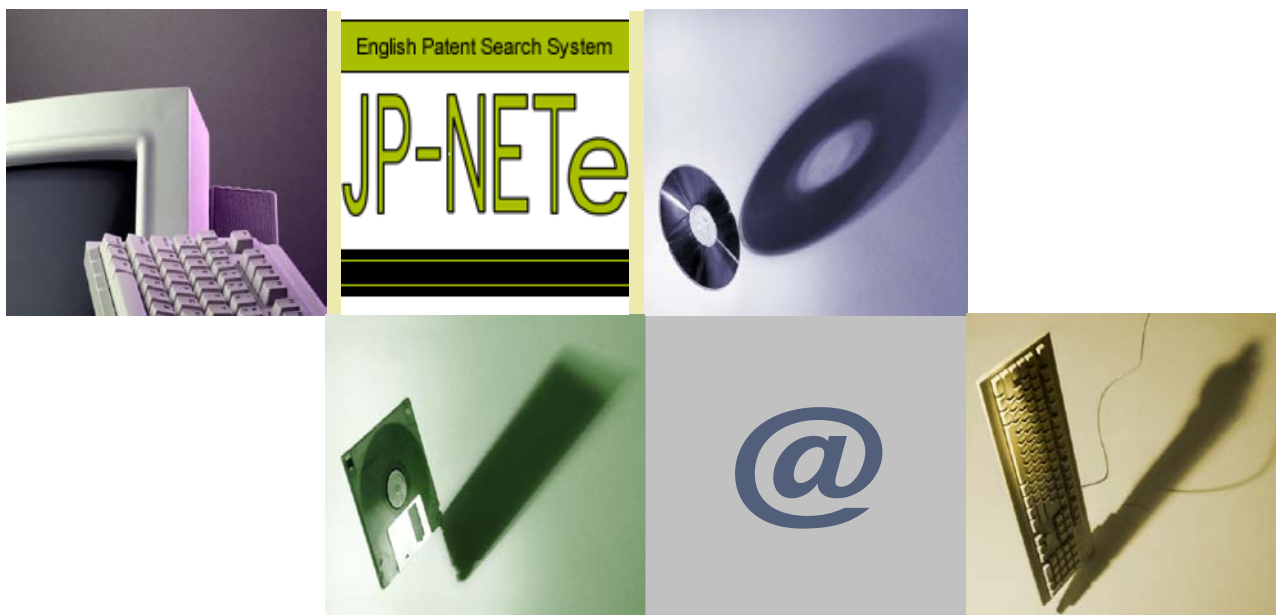


Strategic Use of Search Tools, Databases and IP Portals



*WIPO Regional Workshop in Manila, Dec. 7 to 9, 2010
Shigeaki Oda, Japan Patent Data Service Co., Ltd.*

Patent Information Fair & Conference PIUG Mail Magazine (dated Nov.10)

The screenshot shows the homepage of the Patent Information Fair & Conference 2010. The page features a large blue banner with the event title in Japanese and English. Below the banner, it specifies the location as Sience Museum in Tokyo and the dates as November 10-12, 2010. A navigation menu on the left includes links for Top page, Overview, Conference, Corporate Presentations, and Booth Arrangements. The main content area contains a message about innovation and intellectual property strategy in Japan.

特許・情報フェア
&コンファレンス
2010 PATENT INFORMATION FAIR & CONFERENCE

From information systems for creating and managing intellectual property to strategic systems for effectively using it.

Sience Museum
- Tokyo, Kitanomaru Park -
November 10, 2010 → November 12
10:00 am → 17:00 pm

Japanese

- Top page
- Overview
- Conference
- Corporate Presentations
- Businesses & Services at the Exhibition
- Guidelines for Exhibitors
- Booth Arrangements

Message

Innovation is the source of national and industrial power. This being so, Japan's growth is bound to rely principally on its intellectual property strategy. We are entering an era of fierce competition over intellectual property among the world's nations, corporations, and educational institutions. The strategies employed are also increasingly diverse and complex, involving government support, industry-academia collaborations, and international partnerships. The most essential thing for coming out ahead of competition, however, is knowledge of intellectual property and patents. We invite you to the largest specialist fair in Japan, which brings together in one venue the latest in patent information and information on new products and technologies related to intellectual property. Do take advantage of this rare business opportunity.

The screenshot shows the PIUG Wiki page for Patent Databases. The page includes a search bar, a list of PIUG events, and a section for multi-national patent databases. The multi-national patent databases section lists several resources with brief descriptions.

Patent Databases

Home View Edit PIUG Website Settings: Shigeaki Oda Help Log Out

Dashboard > PIUG Space > Patent Resources > Patent Databases

Search

PIUG events

- PIUG 2010 Northeast Conference
- PIUG 2011 Biotech Meeting
- PIUG 2011 Annual Conference

Added by Admin - Tom Wolff, last edited by Alex Riechel on Nov 09, 2010 17:13

ADD LABELS

Attachments (0)

Add Content

- Add New Page (under current one)
- Add Dlog Post (News Item)

Browse

- PIUG Discussion Forum (PIUG-DF)
- Recently Updated Content
- Recent Dlog Posts
- Space Pages
- Space Bookmarks
- Space Labels
- Attachments index
- People Directory
- Help Pages

Multi-national patent databases

- [Alexandria](#) - Extensible, global storage facility for high quality scientific, technical, and business information. Initially populated with patent data, Alexandria provides a multilingual collection of documents from over 70 patenting authorities available in a single ST36-based XML format created by merging and normalizing data from different sources (Fairview Research)
- [Aureka](#) - enterprise-wide IP research, analysis and management platform (Thomson Reuters)
- [Ciplis](#) - Most authoritative worldwide coverage of patent information in many scientific disciplines (Chemical Abstracts Service)
- [Dolphin](#) (Thomson Reuters)
- [DEPATISnet](#) - provides free access to bibliographic data from an expanding number of issuing authorities (CH, EP, FR, GB, JP, US, WO) as well as full-text German patents and patent documents in PDF format. (German Patent and Trademark Office (DPMA))
- [Derwent World Patent Index](#) - The most comprehensive and extensive database of value-added patent documents published in the world (Thomson Reuters)

<http://wiki.piug.org:80/display/PIUG/Patent+Databases>



Various Search Tools and Databases (1)

- ◇ **JPO** <http://www.jpo.go.jp/index.htm>
IPDL http://www.ipdl.inpit.go.jp/homepg_e.ipdl
- ◇ **EPO** <http://www.epo.org/index.html>
Esp@cenet <http://www.espacenet.com/access/index.en.htm>
- ◇ **USPTO** <http://www.uspto.gov/>
PatFT, AppFT, PAIR
<http://www.uspto.gov/patents/process/search/index.jsp#heading-1>
- ◇ **SIPO** http://www.sipo.gov.cn/sipo_English/
Patent Search
http://59.151.99.140/sipo_EN/search/tabSearch.do?method=init
CNIPR (IPPH) <http://english.cnipr.com/cnipreng/>
- ◇ **KIPO** <http://www.kipo.go.kr/kpo/eng/?catmenu=KIPOENG>
KIPO net (KPA, K-PION, etc.)
<http://www.kipo.go.kr/kpo/eng/?catmenu=KIPOENG>
KIPRIS (KIPI) http://eng.kipris.or.kr/eng/main/main_eng.jsp
- ◇ **WIPO** <http://www.wipo.int/portal/index.html.en>
PATENTSCOPE <http://www.wipo.int/patentscope/en/>



Various Search Tools and Databases (2)

◇ Thomson Innovation (Thomson Reuters)

<http://www.thomsoninnovation.com/>

Derwent World Patent Index (DWPI)

◇ Total Patent (LexisNexis)

<https://www.lexisnexis.com/totalpatent/signonForm.do>

◇ Qrbit.com (Questel)

<http://www.orbit.com/index.html#WelcomePage>

◇ STN Easy (CAS, FIZ and JAICI)

<http://www.cas.org/support/stngen/index.html>

<https://stneasy.cas.org/html/english/login1.html?service=STN>

CA, CAPIus, Registry, DWPI

◇ JP-NETe (JPDS)



Notification of Reasons for Refusal (JPO)

拒絶理由通知書

特許出願の番号	特願	—
起案日	平成22年	9月 1日
特許庁審査官	山本 晋也	3341 4S00
特許出願人代理人	三原 秀子 様	
適用条文	第29条第1項、第29条第2項、第36条	

この出願は、次の理由によって拒絶をすべきものです。これについて意見がありましたら、この通知書の発送の日から60日以内に意見書を提出してください。

理 由

(理由1) この出願の下記の請求項に係る発明は、その出願前に日本国内又は外国において、頒布された下記の刊行物に記載された発明又は電気通信回線を通じて公衆に利用可能となった発明であるから、特許法第29条第1項第3号に該当し、特許を受けることができない。

(理由2) この出願の下記の請求項に係る発明は、その出願前に日本国内又は外国において、頒布された下記の刊行物に記載された発明又は電気通信回線を通じて公衆に利用可能となった発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。

(理由3) この出願は、特許請求の範囲の記載が下記の点で、特許法第36条第6項第2号に規定する要件を満たしていない。

記 (引用文献等については引用文献等一覧参照)

(理由1及び2について)

- ・請求項 1, 2, 4-6
- ・引用文献等 1
- ・備考

引用文献1の特許請求の範囲及び【0045】-【0048】の実施例参照。

*Patent Act 29 (1)

Invention applicable industrially may obtain a patent, except for the following:

- 1. Inventions publicly known**
- 2. Inventions publicly worked**
- 3. Inventions described in a distributed publication, or publicly available via an electric telecommunication line**

*Flow of Obtaining a Patent Right in Japan

- 1. Application**
- 2. formality Examination**
- 3. Substantive Examination
Novelty Search/ Inventive Step Search**
- 4. Decision to grant a Patent
Decision of Refusal**
- 5. Appeal against Decision of Refusal**



Office Action Summary (USPTO) Communication Pursuant to Article 94(3) (EPO)

Office Action Summary	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application No. 10448,971</td> <td style="width: 50%;">Applicant(s) KOEHLER ET AL. <i>ck</i></td> </tr> <tr> <td>Examiner Alfred E. Dudding</td> <td>Art Unit 2853</td> </tr> </table>	Application No. 10448,971	Applicant(s) KOEHLER ET AL. <i>ck</i>	Examiner Alfred E. Dudding	Art Unit 2853	
Application No. 10448,971	Applicant(s) KOEHLER ET AL. <i>ck</i>					
Examiner Alfred E. Dudding	Art Unit 2853					
<p>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</p> <p>Period for Reply</p> <p>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.</p> <ul style="list-style-type: none"> - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133). <p style="font-size: small;">Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>						
<p>Status</p> <p>1) <input checked="" type="checkbox"/> Responsive to communication(s) filed on <u>30 May 2003</u>.</p> <p>2a) <input type="checkbox"/> This action is FINAL. 2b) <input checked="" type="checkbox"/> This action is non-final.</p> <p>3) <input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11, 453 O.G. 213.</p>						
<p>Disposition of Claims</p> <p>4) <input checked="" type="checkbox"/> Claim(s) <u>1-28</u> is/are pending in the application.</p> <p style="padding-left: 20px;">4a) Of the above claim(s) _____ is/are withdrawn from consideration.</p> <p>5) <input type="checkbox"/> Claim(s) _____ is/are allowed.</p> <p>6) <input checked="" type="checkbox"/> Claim(s) <u>1-28</u> is/are rejected.</p> <p>7) <input type="checkbox"/> Claim(s) _____ is/are objected to.</p> <p>8) <input type="checkbox"/> Claim(s) _____ are subject to restriction and/or election requirement.</p>						
<p>Application Papers</p> <p>9) <input type="checkbox"/> The specification is objected to by the Examiner.</p> <p>10) <input checked="" type="checkbox"/> The drawing(s) filed on <u>30 May 2003</u> is/are: a) <input checked="" type="checkbox"/> accepted or b) <input type="checkbox"/> objected to by the Examiner.</p> <p style="padding-left: 20px;">Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).</p> <p>11) <input type="checkbox"/> The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.</p>						
<p>Priority under 35 U.S.C. § 119</p> <p>12) <input type="checkbox"/> Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</p> <p style="padding-left: 20px;">a) <input type="checkbox"/> All b) <input type="checkbox"/> Some * c) <input type="checkbox"/> None of:</p> <p style="padding-left: 40px;">1. <input type="checkbox"/> Certified copies of the priority documents have been received.</p> <p style="padding-left: 40px;">2. <input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____.</p> <p style="padding-left: 40px;">3. <input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</p> <p style="padding-left: 20px;">* See the attached detailed Office action for a list of the certified copies not received.</p>						
<p>Attachment(s)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-852) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/06) Paper No(s)/Mail Date _____ </td> <td style="width: 50%; vertical-align: top;"> 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date _____ 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6) <input type="checkbox"/> Other: _____ </td> </tr> </table>			1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-852) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/06) Paper No(s)/Mail Date _____	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date _____ 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6) <input type="checkbox"/> Other: _____		
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U.S. Patent and Trademark Office PTOL-325 (Rev. 1-04)	Office Action Summary	Part of Paper No./Mail Date 20040421				

	Europäisches Patentamt European Patent Office Office européen des brevets	European Patent Office Postbus 5818 2280 HV Rijswijk NETHERLANDS Tel: +31 70 340 2040 Fax: +31 70 340 3016
	Name: Pheral, Shantsaroop Tel: +31 70 340 - 0 or call +31 (0)70 340 45 00	Formalities Officer Name: Dobbelaere, Dirk Tel: +31 70 340 - 1919
Mills, Julia D Young & Co 120 Holborn London EC1N 2DY ROYAUME-UNI		
Application No. 05 2 - 1241	Ref. P023100EP	Date 27.02.2009
Applicant Corporation		
<p>Communication pursuant to Article 94(3) EPC</p> <p>The examination of the above-identified application has revealed that it does not meet the requirements of the European Patent Convention for the reasons enclosed herewith. If the deficiencies indicated are not rectified the application may be refused pursuant to Article 97(2) EPC.</p> <p>You are invited to file your observations and insofar as the deficiencies are such as to be rectifiable, to correct the indicated deficiencies within a period</p> <p style="text-align: center;">of 4 months</p> <p>from the notification of this communication, this period being computed in accordance with Rules 126(2) and 131(2) and (4) EPC. One set of amendments to the description, claims and drawings is to be filed within the said period on separate sheets (R. 50(1) EPC).</p> <p>Failure to comply with this invitation in due time will result in the application being deemed to be withdrawn (Art. 94(4) EPC).</p>		
Dobbelaere, Dirk Primary Examiner For the Examining Division		
Enclosure(s): 4 page/s reasons (Form 2906) Form 2531A		



International Search Report (WIPO)

Notice of Refusal (SIPO)

INTERNATIONAL SEARCH REPORT		International application No. PCT/US2008/086106
A. CLASSIFICATION OF SUBJECT MATTER INV. B25J5/00 B62D55/075		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B25J B62D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008/179115 A1 (OHM TIMOTHY R [US]; BASSETT MICHAEL [US]) 31 July 2008 (2008-07-31) figures 7, 8A-8C, 21 paragraph [0092] - paragraph [0094] paragraph [0123]	1-6, 9, 11, 13-19
Y	US 2008/086241 A1 (PHILLIPS EMILIE [US]; RUDAKEVYCH PAVLO E [US]; TAKA ORJETA [US]; WOLFE) 10 April 2008 (2008-04-10) paragraph [0232]	7
Y	US 2008/086241 A1 (PHILLIPS EMILIE [US]; RUDAKEVYCH PAVLO E [US]; TAKA ORJETA [US]; WOLFE) 10 April 2008 (2008-04-10) paragraph [0232]	7
A	WO 2005/105388 A1 (KOREA INST SCIENCE TECHNOLOGY [KR]; KANG SUNG-CHUL [KR]; SHIN GYEONG-C) 10 November 2005 (2005-11-10) the whole document	1-22

<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
A document defining the general state of the art which is not considered to be of particular relevance	** inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
C earlier document but published on or after the international filing date	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	
O document referring to an oral disclosure, use, exhibition or other means	*S* document member of the same patent family	
P document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search	Date of mailing of the international search report	
5 October 2009	15/10/2009	
Name and mailing address of the ISA/ European Patent Office, P.O. Box 5616 Patentlaan 2 NL - 2200 LV The Hague Tel. (+31-70) 940-2040 Fax (+31-70) 940-2015	Authorized officer Lumineau, Stéphane	

Form PCT/ISA/210 (second sheet) (April 2005)

中华人民共和国国家知识产权局													
邮政编码: 100032 北京市西城区金融街 27 号投资广场 B 座 19 层 中国专利代理(香港)有限公司 鹿立志	发文日期 2009 年 2 月 24 日												
申请号: 038088088													
申请人: 工业株式会社													
发明创造名称: 薄膜													
第一次审查意见通知书 (进入国家阶段的 PCT 申请)													
1. <input checked="" type="checkbox"/> 应申请人提出的实质请求, 根据专利法第 35 条第 1 款的规定, 国家知识产权局对上述发明专利申请进行实质审查。 <input type="checkbox"/> 根据专利法第 35 条第 2 款的规定, 国家知识产权局专利局决定自行对上述发明专利申请进行审查。													
2. <input checked="" type="checkbox"/> 申请人要求以其在: <table style="margin-left: 20px; border: none;"> <tr> <td>JP</td> <td>专利局的申请日</td> <td>年 04 月 23 日</td> <td>为优先权日,</td> </tr> <tr> <td></td> <td>专利局的申请日</td> <td>年 月 日</td> <td>为优先权日,</td> </tr> <tr> <td></td> <td>专利局的申请日</td> <td>年 月 日</td> <td>为优先权日。</td> </tr> </table>		JP	专利局的申请日	年 04 月 23 日	为优先权日,		专利局的申请日	年 月 日	为优先权日,		专利局的申请日	年 月 日	为优先权日。
JP	专利局的申请日	年 04 月 23 日	为优先权日,										
	专利局的申请日	年 月 日	为优先权日,										
	专利局的申请日	年 月 日	为优先权日。										
3. <input type="checkbox"/> 申请人于 年 月 日提交的修改文件, 不符合专利法实施细则第 51 条的规定。 <input checked="" type="checkbox"/> 申请人提交的下列修改文件不符合专利法第 33 条的规定。 <table style="margin-left: 20px; border: none;"> <tr> <td><input type="checkbox"/></td> <td>国际初步审查报告附件的中文译文。</td> </tr> <tr> <td><input type="checkbox"/></td> <td>依据专利合作条约第 19 条规定所提交的修改文件的中文译文。</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>依据专利合作条约第 28 条或 41 条规定所提交的修改文件。</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> </table>		<input type="checkbox"/>	国际初步审查报告附件的中文译文。	<input type="checkbox"/>	依据专利合作条约第 19 条规定所提交的修改文件的中文译文。	<input checked="" type="checkbox"/>	依据专利合作条约第 28 条或 41 条规定所提交的修改文件。	<input type="checkbox"/>					
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<input checked="" type="checkbox"/>	依据专利合作条约第 28 条或 41 条规定所提交的修改文件。												
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4. <input type="checkbox"/> 审查是针对原始提交的国际申请的中文译文进行的。 <input checked="" type="checkbox"/> 审查是针对下述申请文件进行的: <table style="margin-left: 20px; border: none;"> <tr> <td><input checked="" type="checkbox"/></td> <td>说明书 第 1-7, 10-35, 37-49, 50-63, 65-76 页, 按照原始提交的国际申请文件的中文译文; 第 8, 9, 36, 49, 64 页, 按照依据专利合作条约第 28 条或 41 条规定所提交的修改文件; 第 页, 按照依据专利法实施细则第 51 条规定所提交的修改文件。</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>权利要求 第 项, 按照原始提交的国际申请文件的中文译文; 第 项, 按照依据专利合作条约第 19 条规定所提交的修改文件的中文译文。第 项, 按照国际初步审查报告附件的中文译文; 第 项, 按照依据专利合作条约第 28 条或 41 条所提交的修改文件; 第 1-53 项, 按照依据专利法实施细则第 51 条规定所提交的修改文件。</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>附图 第 页, 按照原始提交的国际申请文件的中文译文; 第 页, 按照国际初步审查报告附件的中文译文; 第 页, 按照依据专利合作条约第 28 条或 41 条所提交的修改文件; 第 页, 按照依据专利法实施细则第 51 条规定所提交的修改文件。</td> </tr> </table>		<input checked="" type="checkbox"/>	说明书 第 1-7, 10-35, 37-49, 50-63, 65-76 页, 按照原始提交的国际申请文件的中文译文; 第 8, 9, 36, 49, 64 页, 按照依据专利合作条约第 28 条或 41 条规定所提交的修改文件; 第 页, 按照依据专利法实施细则第 51 条规定所提交的修改文件。	<input type="checkbox"/>		<input checked="" type="checkbox"/>	权利要求 第 项, 按照原始提交的国际申请文件的中文译文; 第 项, 按照依据专利合作条约第 19 条规定所提交的修改文件的中文译文。第 项, 按照国际初步审查报告附件的中文译文; 第 项, 按照依据专利合作条约第 28 条或 41 条所提交的修改文件; 第 1-53 项, 按照依据专利法实施细则第 51 条规定所提交的修改文件。	<input type="checkbox"/>		<input type="checkbox"/>	附图 第 页, 按照原始提交的国际申请文件的中文译文; 第 页, 按照国际初步审查报告附件的中文译文; 第 页, 按照依据专利合作条约第 28 条或 41 条所提交的修改文件; 第 页, 按照依据专利法实施细则第 51 条规定所提交的修改文件。		
<input checked="" type="checkbox"/>	说明书 第 1-7, 10-35, 37-49, 50-63, 65-76 页, 按照原始提交的国际申请文件的中文译文; 第 8, 9, 36, 49, 64 页, 按照依据专利合作条约第 28 条或 41 条规定所提交的修改文件; 第 页, 按照依据专利法实施细则第 51 条规定所提交的修改文件。												
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<input checked="" type="checkbox"/>	权利要求 第 项, 按照原始提交的国际申请文件的中文译文; 第 项, 按照依据专利合作条约第 19 条规定所提交的修改文件的中文译文。第 项, 按照国际初步审查报告附件的中文译文; 第 项, 按照依据专利合作条约第 28 条或 41 条所提交的修改文件; 第 1-53 项, 按照依据专利法实施细则第 51 条规定所提交的修改文件。												
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4) Patent Map Guidance

**Descriptions about FI and F-
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DOCUMENT NUMBER
Publication date order

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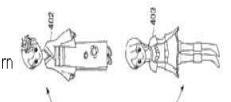
PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2010-178928
(43) Date of publication of application : 19.08.2010

(51) Int.Cl. A63F 13/10 (2006.01)
A63F 13/12 (2006.01)
A63F 13/00 (2006.01)

(21) Application number : 2009-025290 (71) Applicant : SQUARE ENIX CO LTD
(22) Date of filing : 05.02.2009 (72) Inventor : FUJII TAKAHIRO
YAMAZAKI HARUKO
MARUYAMA ERI
HARADA HIROSHI
TARUMI TOSHIAKI
TAMURA RYOSUKE

(54) GAME APPARATUS, DISPLAY METHOD OF GAME CHARACTER, GAME PROGRAM, AND RECORDING MEDIUM
(57) Abstract:
PROBLEM TO BE SOLVED: To provide a game apparatus capable of displaying an avatar matched to any kind of games that the avatar participates without changing clothes or decorations worn by the avatar.
SOLUTION: The game apparatus can play a plurality of games by using a specific player character. The game apparatus includes:



Searching PAJ (1)

<http://www19.ipdl.inpit.go.jp/PA1/cgi-bin/PA1INIT?1290734434096>

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AND

Date of publication of application --- e.g. 19900401 - 19900405

-

IPC --- e.g. D01B/04 A01C11/02

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'. Below this, there is a table with columns 'No.', 'Publication No.', and 'Title'. The table contains 16 rows of search results."/>

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No.	Publication No.	Title
1.	2010 - 183646	METHOD FOR PROCESSING TELEVISION IMAGE
2.	2010 - 183080	SOLAR CELL AND METHOD FOR MANUFACTURING THE SAME
3.	2010 - 178364	REFERENCE SIGNAL SEQUENCE TRANSMISSION METHOD
4.	2010 - 176836	RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING GRAPHIC INFORMATION AND RECORDING/REPRODUCING METHOD AND DEVICE
5.	2010 - 176835	ONCE-WRITABLE OPTICAL DISK, AND METHOD AND APPARATUS FOR RECORDING MANAGEMENT INFORMATION IN THE ONCE-RECORDABLE OPTICAL DISK
6.	2010 - 176833	METHOD AND DEVICE FOR MANAGING RECORDING MEDIUM, COMPUTER-READABLE RECORDING MEDIUM STORING PROGRAM TO EXECUTE OPERATION FOR MANAGING THE RECORDING MEDIUM, AND PROGRAM FOR EXECUTING THE OPERATION FOR MANAGING THE RECORDING MEDIUM
7.	2010 - 169098	DEVICE AND METHOD FOR CONTROLLING OPERATION OF COMPRESSOR
8.	2010 - 160510	APPARATUS AND METHOD FOR PROCESSING DIGITAL AUDIO DATA, AND RECORDING MEDIUM
9.	2010 - 153388	ORGANIC ELECTROLUMINESCENT ELEMENT AND ITS MANUFACTURING METHOD
10.	2010 - 148957	DRUM TYPE WASHING MACHINE AND BEARING HOUSING STRUCTURE THEREOF
11.	2010 - 145986	INKJET PRINTING APPARATUS AND METHOD
12.	2010 - 133429	LINEAR COMPRESSOR
13.	2010 - 133425	DISCHARGE VALVE
14.	2010 - 083115	PDCP STRUCTURE AND OPERATION METHOD FOR MBMS SERVICE OF MOBILE COMMUNICATION SYSTEM
15.	2010 - 057969	PEDESTAL FOR HOUSEHOLD ELECTRIC APPLIANCE
16.	2010 - 055747	METHOD OF CONTROLLING OVERWRITE ON WRITE-ONCE TYPE OPTICAL DISC AND METHOD OF RECORDING CONTROL



Searching PAJ (2)

<http://www19.ipdl.inpit.go.jp/PA1/cgi-bin/PA1INIT?1290734434096>

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http://www19.ipdl.inpit.go.jp/PA1/cgi-bin/PA1DETAIL

MENU SEARCH INDEX DETAIL JAPANESE NEXT LEGAL STATUS

1 / 111

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2010-183646
(43)Date of publication of application : 19.08.2010

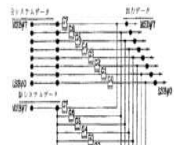
(51)Int.Cl. **H04N 5/45 (2006.01)**
H04N 7/173 (2006.01)

(21)Application number : 2010-120487 (71)Applicant : **LG ELECTRONICS INC**
(22)Date of filing : 26.05.2010 (72)Inventor : **CHO HAN KYOUNG**

(30)Priority
Priority number : 2000 200070328 Priority date : 24.11.2000 Priority country : KR

(54) **METHOD FOR PROCESSING TELEVISION IMAGE**

(57)Abstract:
PROBLEM TO BE SOLVED: To provide an apparatus and a method for processing a subscreen of a television to allow subscreen PIP (picture-in-picture) video signals and main screen video signals to be overlaid with each other and enable the main screen video signals and the subscreen video signals to be viewed simultaneously.
SOLUTION: The apparatus for processing a subscreen of a television includes: a first video processing part that processes input main screen video signals to signals that can



Search Result - Windows Internet Explorer

http://www4.ipdl.inpit.go.jp/Tokuji/PAJdetail/pdf?N0000=008N0120=01&N2001=28N3001=2010-183646

JAPANESE [JP,2010-183646,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION TECHNICAL PROBLEM MEANS DESCRIPTION OF DRAWINGS DRAWINGS

* NOTICES *

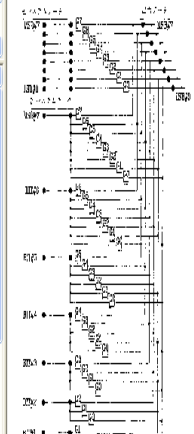
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PRIOR ART

[Background of the Invention]
[0002]
Generally, a sub-screen PIP function is displaying the sub-screen which compressed the image in level/perpendicular direction all over a main screen. Under the present circumstances, a sub-screen and a main screen may be the pictures of the channel, and may be a picture of a mutually different channel.
[0003]
Hereafter, with reference to an accompanying drawing, the sub-screen processing unit of TV of a Prior art is explained.

[Translation done.]



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Example: Siemens EP 2007

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We are very pleased to inform you that during the month of August, we re-commenced with the loading of front file Chinese data. Read more

Latest Updates

- FR2945705 - 20101119
- FR2941034 - 20101119
- DE112009000406 - 20101118
- DE112008000847 - 20101118
- DE19859706 - 20101118
- DE112009000142T - 20101118
- EP2252138 - 20101117
- EP2236451 - 20101117
- GB2470341 - 20101117
- GB2469243 - 20101117



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http://ep.espacenet.com/advancedSearch?locale=en_EP

The screenshot shows the 'Quick Search' page in Internet Explorer. The browser address bar displays 'http://ep.espacenet.com/quickSearch?locale=en_EP'. The page features a sidebar on the left with navigation links: 'Quick Search', 'Advanced Search', 'Number Search', 'Last result list', 'My patents list' (with a '0' next to it), and 'Classification Search'. Below these is a 'Quick Help' section with several questions. The main content area is titled 'Quick Search' and includes a 'Learn more about searching Get assistance' link. It is divided into three sections: 1. Database, with a dropdown menu for 'Worldwide - full collection of published patent applications from 80+ countries'; 2. Type of search, with radio buttons for 'Words in the title or abstract' (selected) and 'Persons or organisations'; 3. Search terms, with a text input field containing 'hair' and a 'SEARCH' button.

The screenshot shows the 'Advanced Search' page in Internet Explorer. The browser address bar displays 'http://ep.espacenet.com/advancedSearch?locale=en_EP'. The page features a sidebar on the left with navigation links: 'Quick Search', 'Advanced Search', 'Number Search', 'Last result list', 'My patents list' (with a '0' next to it), and 'Classification Search'. Below these is a 'Quick Help' section. The main content area is titled 'Advanced Search' and includes a 'Learn more about searching Get assistance' link. It is divided into two sections: 1. Database, with a dropdown menu for 'Worldwide - full collection of published patent applications from 80+ countries'; 2. Search terms, with a heading 'Enter keywords in English - ctrl-enter expands the field you are in' and several input fields: 'Keyword(s) in title:' with 'plastic and bicycle', 'Keyword(s) in title or abstract:' with 'hair', 'Publication number:' with 'W02008014520', and 'Application number:' with 'DE19971031696'. There are also 'SEARCH' and 'CLEAR' buttons at the bottom.

Classification Search (ECLA)

http://v3.espacenet.com/eclasrch?classification=ecla&locale=en_EP

The screenshot shows the 'Search the European classification' page. The search criteria are 'syringe injection' and 'seat belt'. The results list includes:

- Safety belts or body harnesses in vehicles (safety belts or body harnesses in general) **B60R22**
- Seats specially adapted for vehicles (for facilitating access of invalids to, or exit of invalids from, vehicles) **A61G3/02**; railway seats **B60M2**
- Arrangements or fittings on vehicles for protecting or preventing injuries to occupants or pedestrians in case of accidents or other traffic risks (safety belts or body harnesses in vehicle....) **B60R21**
- Passenger or crew accommodation; Flight-deck installations not otherwise provided for **B64D11**
- Secondary cells; Manufacture thereof **H01M10**
- Arrangement in connection with fuel supply of combustion engines [N; or other fuel consuming energy converters, e.g. fuel cells]; Mounting or construction of fuel tanks (tanks in general....) **B60K15**
- Arrangement or mounting of electrical propulsion units (B60K7/00 takes precedence; arrangement or mounting of plural diverse prime-movers....) **B60K1**
- Superstructure [N; or monocoque structure] sub-units; Parts or details thereof not otherwise provided for [N; (having impact absorbing means....) **B62D25**
- Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes **B60R13**
- Constructional details or processes of manufacture of the non-active parts **H01M2**

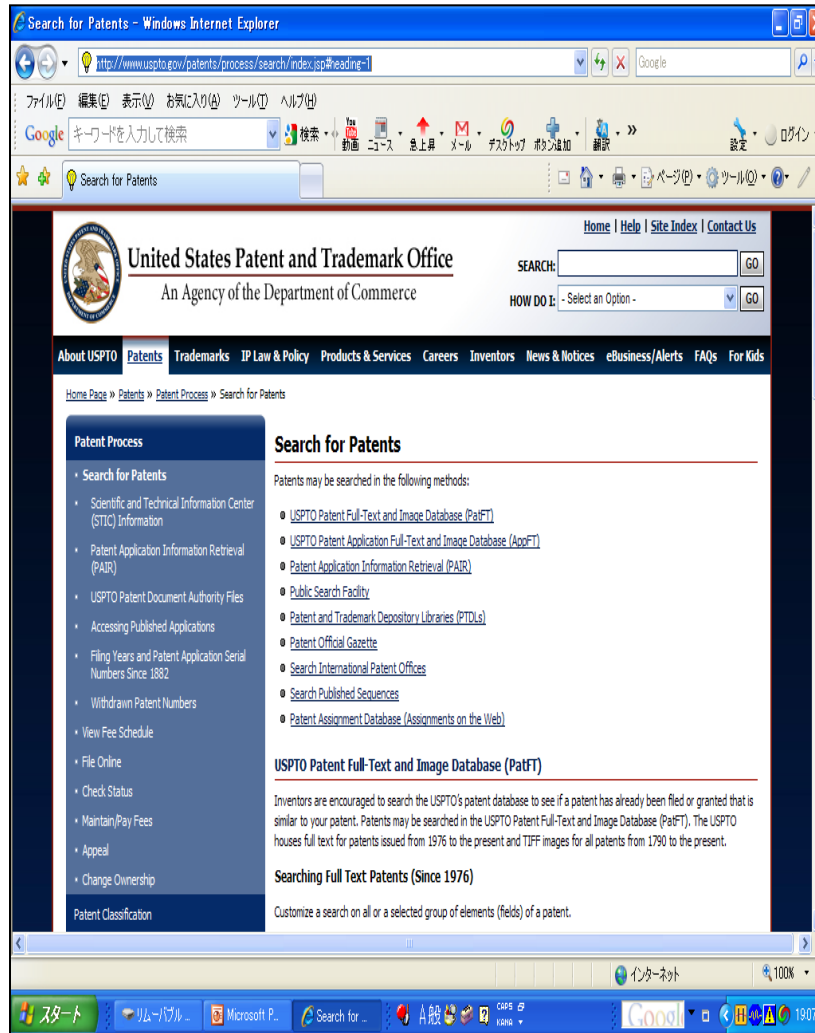
The screenshot shows the 'results view' page for the search. It displays a list of results:

- 1 DEVICE FOR ADJUSTING THE HEIGHT OF THE UPPER DEFLECTION OR ATTACHMENT FITTING OF A SAFETY BELT SYSTEM** in my patents list
Inventor: LOHMANN HORST [DE]; SCHAUERTE Applicant: KEY PLASTICS GERMANY GMBH [DE] ANDRE [DE]
EC: **B60R22/20**; **B60R22/24** IPC: **B60R22/20**
Publication: PT2105360 [E] - 2010-10-14 Priority Date: 2008-03-25
- 2 DISPOSITIF DE FIXATION D'UN BOITIER DESTINE A RECEVOIR ET VERROUILLER AMOVIBLEMENT UN PENE DE CEINTURE DE SECURITE DE VEHICULE** in my patents list
Inventor: REAU CEDRIC [FR]; OUDART FABRICE [FR] Applicant: PEUGEOT CITROEN AUTOMOBILES SA [FR]
EC: **B60R22/18** IPC: **B60R22/26**
Publication: FR2945500 (A1) - 2010-11-19 Priority Date: 2009-05-18
- 3 SAFETY BELT RETRACTOR WITH VARIABLE LOAD TRANSFER IN DIFFERENT FUNCTION SETTINGS** in my patents list
Inventor: TONN MICHAEL [DE]; CARSTENS VOLKER Applicant: AUTOLIV DEV [SE] [DE] (+2)
EC: **B60R22/36** IPC: **B60R22/36**
Publication: AT495198 (T) - 2010-11-15 Priority Date: 2006-10-14



PatFT, AppFT, PAIR (USPTO)

<http://www.uspto.gov/patents/process/search/index.jsp#heading-1>



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Full text for patents from 1976 to now and TIFF images for all patents from 1790 to now.
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ABST	Abstract	ICN	Inventor Country
ACLM	Claim(s)	LREP	Attorney or Agent
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SORT BY: Publication Number ASC Help

PLEASE CHOOSE DATABASE: Invention Utility Model

China patent machine translation system(CPMT) is open!

A.Publication Number B.Publication Date

C.Application Number D.Application Date

E.Title F.Abstract

G.IPC H.Applicant

I.Inventor J.Patent Agent

K.Patent Agency Code L.Priority

M.Province/Country Code

インターネット 100%

スタート リムーバブル... Microsoft P... SIPO_ENGLL 14:42

SIPO_ENGLISH_PATENT_SUMMARY - Windows Internet Explorer

http://59.151.99.140/sipo_EN/search/tabSearch.do?method=search

SIPO

Home About sipo News Law&policy Special topic

STATE INTELLECTUAL PROPERTY OFFICE OF THE P.R.C.

SITE SEARCH

Refine Search: In field Publication Number Search Search within results

All:2092 Invention:2092 Utility Model:0

SN	Application Number	Title
1	85109013	Polynucleotide probes
2	85103146	Credit card and method for use
3	85108519	Mechanical push-button lock
4	200610166354	Fingerprint safe
5	200710034214	Fingerprint encipher hard disc
6	200580013109	A credit card and a secured data activation system
7	200580025335	Device and method for robustly classifying audio signals, method for establishing and operating audio signal database and a computer program
8	200580027251	Selection of content from a stream of video or audio data
9	200710066646	Fingerprint and password doubly duty glass door lock

インターネット 100%

スタート リムーバブル... Microsoft P... SIPO_ENGLL 14:44



C-Pat Search (CNIPR)

<http://english.cnipr.com/enpatv/search/tableSearch.do?method=showTable>

The screenshot shows the search form of the C-PAT Patent Search System. The page title is "C-Pat Search - Windows Internet Explorer". The URL in the address bar is <http://english.cnipr.com/enpatv/search/tableSearch.do?method=showTable>. The search form includes a sidebar with navigation links: Introduction, Data Coverage, Help, Favorite, and My account. The main search area has a "Search" section with a "Please Choose database:" section containing checkboxes for "Invention", "Utility Model", and "Design". Below this are two columns of input fields: A. Pub. Num, B. Pub. Date, C. App. Num, D. App. date, E. Title, F. Abstract (with the value "fingerprint*recognition"), G. IPC, H. Applicant, I. Inventor, J. Pri. num, K. Pri. Date, and L. Country. Code. At the bottom, there is a "Combination Search" section with a search box and "Search" and "Clear" buttons. The page footer shows the Windows taskbar with the system clock at 14:30.

The screenshot shows the "Information List" page of the C-PAT Patent Search System. The page title is "Patent Information Service Platform - Windows Internet Explorer". The URL in the address bar is <http://english.cnipr.com/enpatv/search/tableSearch.do?method=tblSearch>. The page includes a sidebar with navigation links: Introduction, Data Coverage, Help, Favorite, and My account. The main content area has an "Information List" section with a "Refine Search:" section containing a dropdown menu set to "Infield" and a "Pub Num" dropdown. Below this are radio buttons for "All:1066", "Invention:630", "Utility Model:429", and "Design:7". A table lists search results with columns for SN, App. Num, App. Date, and Title. The table contains 10 rows of results. At the bottom, there is a pagination control showing "Next Last 1/107" and a search box.

SN	App. Num	App. Date	Title
1	00100720	2000.02.02	Portable recognizer for intelligent anti-fake magnetic card type ID cards
2	00100721	2000.02.02	Portable recognizer for intelligent anti-fake card type ID cards
3	00100722	2000.02.02	Portable recognizer for intelligent anti-fake magnetic card type IC cards with two-dimensional bar code
4	00100723	2000.02.02	Portable recognizer for intelligent anti-fake ID cards with two-dimensional bar code
5	00103142	2000.03.20	Fingerprint identification keyboard device and its identification method
6	00105406	2000.03.27	Image input device with fingerprint recognition safety system
7	00106001	2000.04.05	Code-locking device and method for images, communication channel, internet and sites
8	00109065	2000.06.02	Computer visual sense
9	00112014	2000.01.11	Finger print, IC card identification method and device for status differentiation
10	00122646	2000.08.10	Fingerprint reading device and method



PATENTSCOPE (WIPO)

<http://www.wipo.int/pctdb/en/search-struct.jsp>

Search International Patent Applications

This facility allows you to search 1,809,774 international patent applications and to view the latest information and documents available to the International Bureau.

Structured Search options results

» Keywords Front Page

AND	Publication Number	
AND	Application Number	
AND	Publication Date	=01.01.2000->30.10.2010
AND	English Title	
AND	English Abstract	= 'Electric Vehicle'
AND	Applicant Name	
AND	Int. Class	= B60L* or H01M*
AND	Inventor Name	
AND	National Phase Country	
AND	Description	
AND	Claims	

Search

- **National and PCT(1.8 M) Collection more than 5.3 M patent documents issued in ARIPO, CU, AR, KR, MX, SG, VN, IL, MA, ES, BR, PCT searchable**
- **Search and Results page available in French, English, Spanish, and Japanese interface**
- **Kinds of Search Structured Search, Simple Search, Advanced Search, Brows by Week**



Search Results and its Documents

WIPO Patentscope Search For: (DP/01.01.2000->30.10.2010) AND (ABE/"Electric Vehicle") AND (- Windows Internet Explorer)

http://www.wipo.int/pctdb/cgi/guest/search6

WIPO Patentscope Search For: (DP/01.01.2000->30.10.2010) AND (ABE/"Electric Vehicle") AND (IC:B60L* AND IC:H01M*): 20 records

Showing records 1 to 20 of 20: [\[Search Summary\]](#)

Title	Pub. Date	Int. Class	App. Num	Applicant
1. (WO/2010/109688) ELECTRIC VEHICLE CHARGING SYSTEM	30.09.2010	H02J 7/00	PCT/JP2009/064228	THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED
2. (WO/2010/084261) AUTOMOBILE WITH ELECTRIC VEHICLE	29.07.2010	H01M 10/50	PCT/FR2009/052695	PEUGEOT CITROËN AUTOMOBILES SA

A connector (13) connects a charger (17) to an on-vehicle accumulator (14). When the charger (17) is connected to the on-vehicle accumulator (14) by the connector (13), the charger (17) converts an AC power from an AC power source (15) into a DC power for charging the on-vehicle accumulator (14) of an electric vehicle (12). A diode (23) is connected between the charger (17) and the connector (13) so to make an electric communication from the charger (17) to the on-vehicle accumulator (14) and cut off an electrical communication from the on-vehicle accumulator (14) to the charger (17). This assures protection of the electric vehicle when charging the on-vehicle accumulator and simplifies the device configuration.

(WO/2010/109688) ELECTRIC VEHICLE CHARGING SYSTEM - Windows Internet Explorer

http://www.wipo.int/pctdb/en/fetch.jsp?LANG=ENG&DBSELECTION=PCT&SERVER_TYPE=19-10&SORT=41316387-KE

(WO/2010/109688) ELECTRIC VEHICLE CHARGING SYSTEM

Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2010/109688 International Application No.: PCT/JP2009/064228
 Publication Date: 30.09.2010 International Filing Date: 12.08.2009

IPC: H02J 7/00 (2006.01), B60L 11/18 (2006.01), H01M 10/44 (2006.01), H02J 1/10 (2006.01)

Applicants: THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED [JP/JP]; 1-3,Uchisaiwai-cho 1-chome, Chiyoda-ku Tokyo 1008560 (JP) (All Except US), FUNAKOSHI Hiroomi [JP/JP]; (JP) (US Only).

Inventor: FUNAKOSHI Hiroomi; (JP).

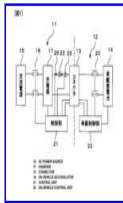
Agent: MITANI, Megumu; (JP).

Priority Data: 2009-074519 25.03.2009 JP

Title: (EN) ELECTRIC VEHICLE CHARGING SYSTEM
(JA) 電気自動車用充電システム

Abstract: (EN) A connector (13) connects a charger (17) to an on-vehicle accumulator (14). When the charger (17) is connected to the on-vehicle accumulator (14) by the connector (13), the charger (17) converts an AC power from an AC power source (15) into a DC power for charging the on-vehicle accumulator (14) of an electric vehicle (12). A diode (23) is connected between the charger (17) and the connector (13) so as to make an electric communication from the charger (17) to the on-vehicle accumulator (14) and cut off an electrical communication from the on-vehicle accumulator (14) to the charger (17). This assures protection of the electric vehicle when charging the on-vehicle accumulator and simplifies the device configuration.

(JA) コネクタ13は、充電器17と車載蓄電池14とを接続し、充電器17は、コネクタ13で充電器17と車載蓄電池14とが接続された状態で、交流電源15を整流に変換して電気自動車12の車載蓄電池14に充電を行う。ダイオード23は、充電器17とコネクタ13との間に接続され、充電器17から車載蓄電池14への通信は許可し、車載蓄電池14から充電器17への通信は遮断する。これにより、電気自動車の車載蓄電池に充電する際の保




Simple/Advance Search

<http://www.wipo.int/pctdb/en/search-simp.jsp>

<http://www.wipo.int/pctdb/en/search-adv.jsp>

The screenshot shows the 'Simple Search' page of the WIPO PATENTSCOPE. The browser address bar displays 'http://www.wipo.int/pctdb/en/search-simp.jsp'. The page header includes the WIPO logo and 'IP SERVICES'. A navigation menu contains 'ABOUT WIPO', 'IP SERVICES', 'PROGRAM ACTIVITIES', 'RESOURCES', and 'NEWS & EVENTS'. The main content area features a search form with a 'Search for:' input field and a 'Results must contain:' dropdown menu. A 'Simple Search' button is visible. The page also includes a 'SHORTCUTS' section with links like 'Log in / Create account', 'Search Help', and 'Sequence Listings'. A 'RELATED LINKS' section is present at the bottom. The Windows taskbar at the bottom shows the Start button, several open applications, and the system clock displaying '100%' and '012'.

The screenshot shows the 'Advanced Search' page of the WIPO PATENTSCOPE. The browser address bar displays 'http://www.wipo.int/pctdb/en/search-adv.jsp'. The page layout is similar to the simple search page but includes more advanced search options. The search form has a 'Date' dropdown menu set to '25/11/2010' and a 'Search:' dropdown menu with 'Front Page' and 'Full Text' options. An example search string is provided: 'et:needle or et:syringe andnot ([sew* or thread] or WO/2005/012345 or PCT/U52004/012345)'. A 'Search' button is located below the search form. A 'RELATED LINKS' section is also present. A notification box in the bottom right corner contains Japanese text: 'アラートをカスタマイズ(C) 金沢市長選 山野氏初当選 現職破る MSN産経ニュース 任期満了に伴う金沢市長選は28日投票日、元市議会副議長の山野之義氏(48)＝無新＝が、民主...'. The Windows taskbar at the bottom shows the Start button, several open applications, and the system clock displaying '013'.



PATENTSCOPE CLIR

<http://www.wipo.int/patentscope/search/en/search.jsf>

<http://www.wipo.int/patentscope/search/en/search.jsf>

WIPO - Search International and National Patent Collections - Windows Internet Explorer

http://www.wipo.int/patentscope/search/en/search.jsf

「東京番組」でテレビ番組表(JWord)

WIPO - Search International and National Patent C...

PATENTSCOPE
Search International and National Patent Collections

WIPO

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Home > IP Services > PATENTSCOPE > Database Search

Simple Search

This system enables you to do searches in 1,809,768 published international patent applications (PCT) and in 5,359,440 when including patent documents from Regional and National collections. Detailed information about data coverage can be found here (->)

AI | Full Text | ID Number | Int. Classification (IPC) | Names | Dates

Front Page ▾ "Electric Vehicle"

Office

ARIPO Republic of Korea Viet Nam Morocco Brazil
 Cuba Mexico South Africa Spain Colombia
 Argentina Singapore Israel PCT All

Search AI | Reset

Examples:
The entered value is searched against the Title, Abstract, Numbers and Names.
↓ "electric car"~50
↓ Smith or Klein
↓ WO201000001
↓ "sof" panel~5
↓ electric?ct
↓ electric*10 and car*3

ページが表示されました

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スタート | WIPO - S... | Windo... | Microsoft... | 一般 | CAPS | 100%

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http://www.wipo.int/patentscope/search/en/search.jsf

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Home > IP Services > PATENTSCOPE > Database Search

Advanced

Search For

Language: English | Stem

Office

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 Cuba Mexico South Africa Spain Colombia
 Argentina Singapore Israel PCT All

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Structured Search (field Combination)

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WIPO - Search International and National Patent Collections - Windows Internet Explorer

http://www.wipo.int/patentscope/search/en/structuredSearch.jsf

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Structured Search

Fields

Front Page =

AND WIPO Publication Number =

AND Application Number =

AND Publication Date = 01.01.2000->30.10.2010

AND English All = "Electric Vehicle"

AND English Abstract =

AND Applicant Name =

AND International Class =

AND Inventor Name =

AND Office Code =

AND English Description =

AND English Claims =

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インターネット

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スタート WIPO - Search Intern... H2212.06 WIPOアプリ... CAPS KINH

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Home > IP Services > PATENTSCOPE > Database Search

Results 1-10 of 3,748 for Criteria:DP:01.01.2000->30.10.2010 AND EN_ALL("Electric Vehicle") Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 next

DP:01.01.2000->30.10.2010 AND EN_ALL("Electric Vehicle") Refine Search RSS

Analysis

Options Table Graph Options bar pie

Countries		Main IPC		Main Applicant		Main Inventor		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
PCT	2676	H01M	847	HYUNDAI MOTOR COMPANY	582	CHO, SUNG TAE	38	2000	189
Republic of Korea	993	B60L	675	TOYOTA JIDOSHA KABUSHIKI KAISHA	267	YOON, Junil	19	2001	151
		B60K	332	LG CHEM, LTD.	173	PARK, SEON SUN	19	2002	177
Israel	30	H02J	254	GENERAL MOTORS CORPORATION	53	RAGHAVAN,	18	2003	236

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スタート WIPO - Search Intern... H2212.06 WIPOアプリ... CAPS KINH



Multi-Lingual Translation (Google)

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「東京番組」でテレビ番組表(JWord)

WIPO - Search International and National Patent C.

H02P	75	GENERAL ELECTRIC COMPANY	26	IKHAWA, Shing	12	2008	560
H02M	55	OVONIC BATTERY COMPANY, INC.	23	HA, Jin Woong	12	2009	550
		TESLA MOTORS, INC.	22	BUCKNOR, Norman, K	10	2010	554

Sort by: Pub Date Desc | Google translate: Original

No	Ctr	Title	PubDate	Int Class	PCT/Int	Applicant	Inventor
1.	WO	WO/2010/122648-POWER SUPPLY SYSTEM OF ELECTRIC VEHICLE AND CONTROL METHOD THEREOF	28.10.2010	B60L 3/00	PCT/JP	TOYOTA JIDOSHA KABUSHIKI KAISHA	MINEGISHI, Shinichiro
<p>Relays (SMR1, SMR2) are inserted between a battery (BA) and a step-up converter (12A), and up converter (12B). A controller (30) controls control signals (CONT1-CONT4) for controlling op of short circuit failure of a switching element in the step-up converter (12A, 12B), the controller that at least one of the turn-off order or timing of the relays is changed depending on the switch</p>						<p>between a battery (BB) and a step-MR2, SR1, SR2). Upon occurrence ays (SMR1, SMR2, SR1, SR2) such it failure has occurred.</p>	
2.	WO	WO/2010/123567-SYSTEM FOR MANAGING ELECTRIC ENERGY GRID-VEHICLE EXCHANGE DEVICES	28.10.2010	G06F 1/26	PCT/US	PARKPOD LLC	GENSCHEL, Rainer
<p>A system for managing electric energy exchange devices is disclosed. The system comprises a processor and a memory. The processor is configured to receive a set of predefined parameters for electric energy exchange a vehicle using an electric energy exchange device for a time increment. The processor is further configured to receive a set of transaction specific parameters. The processor is configured to determine a price for electric energy exchange based at least in part on the set of predefined parameters and the set of transaction specific parameters. The memory is configured to store the processor and configured to provide the processor with instructions.</p>						<p>LLC</p>	
3.	WO	WO/2010/123536-CURRENT COLLECTING POST SEAL FOR HIGH DURABILITY LITHIUM-ION CELLS	28.10.2010	H01M 2/12	PCT/US	CHANG, Chun-Chieh	CHANG, Chun-Chieh
<p>A cover assembly for a Lithium-ion battery container to improve the durability of the battery. A high pressure injection molded polymer is combined with flanges disposed on the current collecting posts of the battery to provide an improved seal for the battery cover, especially at the interface of the cover and the current collecting posts. The injection molded polymer is fused to the flanges, current collecting posts and container cover to result in a diffusion path of increased length for gases and/or liquids which are known to enter or escape from battery containers. Additional polymer layers can be applied to the assembly to further improve the seal.</p>						<p>CHANG, Chun-Chieh</p>	
4.	WO	WO/2010/121540-CONTROLLABLE	28.10.2010	H02J 7/00	PCT/CN	BYD COMPANY LIMITED	JIANG, Xianhong

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スタート | WIPO - Search Intern... | H2212.06 WIPOアプリ | 120

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http://www.wipo.int/patentscope/search/en/structuredSearch.jsf

「東京番組」でテレビ番組表(JWord)

WIPO - Search International and National Patent C.

H02P	75	GENERAL ELECTRIC COMPANY	26	IKHAWA, Shing	12	2008	560
H02M	55	OVONIC BATTERY COMPANY, INC.	23	HA, Jin Woong	12	2009	550
		TESLA MOTORS, INC.	22	BUCKNOR, Norman, K	10	2010	554

Sort by: Pub Date Desc | Google translate: original->korean

No	Ctr	Title	PubDate	Int Class	Appl No	Applicant	Inventor
1.	WO	WO/2010/122648-그로 인회 전기 자동차 및 제어 방식의 전력 공급 시스템	28.10.2010	B60L 3/00	PCT/JP2009/058059	TOYOTA JIDOSHA KABUSHIKI KAISHA	MINEGISHI, Shinichiro
<p>릴레이 (smr1, smr2)와 (12a) 배터리 (ba)와 스텝 업 컨버터 사이에 삽입됩니다 릴레이는 (sr1), (sr2) 배터리 (bb)와 스텝 업 컨버터 (12b) 사이에 삽입됩니다 컨트롤러 (30) 용기 / 릴레이 (smr1, smr2, sr1), (sr2)에 가까운 제어에 의한 제어 신호 (cont1 - cont4) 제어합니다. 스텝 업 컨버터의 스위칭 요소의 단락 (12a, 12b)에 컨트롤러 (30)의 발생시 제어 설정 오프 릴레이 (smr1, smr2, sr1), (sr2) 중 적어도 하나와 같은 그 설정 -해제 주문이 나 릴레이의 타이밍이있는 짧은 회로 고장이 발생했습니다 스위칭 요소에 따라 변경됩니다.</p>						<p>between a battery (BB) and a step-MR2, SR1, SR2). Upon occurrence ays (SMR1, SMR2, SR1, SR2) such it failure has occurred.</p>	
2.	WO	WO/2010/123567-전기 에너지 그리드 - 차량 교환 장치를 관리하기 위한 시스템	28.10.2010	G06F 1/26	PCT/US2010/001201	PARKPOD LLC	GENSCHEL, Rainer
<p>전기 에너지 교환 장치를 관리하는 시스템이 공개됩니다. 시스템은 프로세서와 메모리로 구성되어 있습니다. 프로세서는 전기 에너지의 교환을 위해 시간의 증가에 대한 전기 에너지 교환 장치를 사용하여 차량을 미리 정의된 매개 변수의 집합을 수신하도록 구성됩니다. 프로세서는 더 이상 트랜잭션 특정 매개 변수 집합을 수신하도록 구성됩니다. 프로세서는 미리 정의된 매개 변수의 집합과 트랜잭션 특정 매개 변수 집합에 부분 적어도 기반으 로 전기 에너지의 교환에 대한 가격을 결정하도록 구성되어 있습니다. 메모리는 프로세서에 결합하고 지시 프로세서를 제공하기 위해 구성되어 있습니 다.</p>						<p>LLC</p>	
3.	WO	WO/2010/123536-높은 내구성 리튬 이온 전지의 전류 수집 게시를 도장	28.10.2010	H01M 2/12	PCT/US2010/000786	CHANG, Chun-Chieh	CHANG, Chun-Chieh
<p>리튬 이온 배터리 컨테이너에 대한 커버 어셈블리는 배터리의 내구성을 향상시키기 위해 고압 분사는 폴리머는 표지와 현재 수집 게시물의 인터페이스 특히, 배터리 커버에 대한 향상된 인감을 제공하는 배터리의 현재 수집 게시물에 용기 불완전과 결합 사용 성형 고분자는 불완전 현재 수집 게시를 및 가스 및 / 또는 액체를 입력하거나 배터리 컨테이너에서 탈출 할 수 있습니다 증가 길이의 확산 경로와 결과로 커버 컨테이너에 용합 이다. 추가 폴리머 레이어가 추가된 인감을 개선하기 위해 어셈블리에 적용될 수 있습니다.</p>						<p>CHANG, Chun-Chieh</p>	
4.	WO	WO/2010/121540-목걸이 구성된 인버터 제어와 전기 모터	28.10.2010	H02J 7/00	PCT/CN2010/071925	BYD COMPANY LIMITED	JIANG, Xianhong
<p>제어 인버터 및 제어 인버터에 의해 제공된 전기 모터 제어 인버터는 인버터 (smr1, smr2)와 스텝 업 컨버터 사이에 삽입됩니다 스위칭 요소에 따라 변경됩니다.</p>						<p>BYD COMPANY LIMITED</p>	

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prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 next

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Analysis

Options Table Graph Options bar pie

Countries	Main IPC	Main Applicant	Main Inventor	Pub Date					
Name	No	Name	No	Name	No	Date	No		
PCT	11240	B60R	1899	HYUNDAI MOTOR COMPANY	1884	CHO, SUNG-TAE	41	2000	1162
Republic of Korea	6776	B60K	1626	ROBERT BOSCH GMBH	1296	PARK, SEON SUN	30	2001	1189
Spain	5384	B60L	1435	TOYOTA JIDOSHA KABUSHIKI KAISHA	402	LEE, GYU DONG	23	2002	1263
Mexico	967	B62D	926	SIEMENS AKTIENGESELLSCHAFT	272	KIM, CHEON HO	23	2003	1294
South Africa	172	B60T	866	DAIMLERCHRYSLER AG	255	KOO, JAE SEUNG	22	2004	1530
Argentina	86	H02K	665	VALEO EQUIPEMENTS ELECTRIQUES MOTEUR	234	SUNG, GITA EK	21	2005	1716
Israel	72	B60H	633	KIA MOTORS CORPORATION	226	ICHIKAWA, Shinji	19	2006	1710
Colombia	18	H01R	585	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	185	KALTENBACH, Johannes	18	2007	1976
Singapore	13	B60Q	534	RENAULT S.A.S.	179	FALKENSTEIN, Jens-Werner	18	2009	1961
Morocco	12	B60U	524	HYUNDAI MOBIS CO., LTD.	174	COLIGNON, Christophe	17	2010	1520
Cuba	3								

Sort by: Relevance Google translate: Original

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	WO	WO/2009/041092 -ELECTRIC AUTOMOBILE	02.04.2009	B60K 11/06	PCT/JP2008/055187	mitsubishi JIDOSHA KOGYO KABUSHIKI KAISHA	KADOI, Masaru

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No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	WO	WO/2009/041092 -ELECTRIC AUTOMOBILE	02.04.2009	B60K 11/06	PCT/JP2008/055187	mitsubishi JIDOSHA KOGYO KABUSHIKI KAISHA	KADOI, Masaru
<p>Provided is an electric automobile which can cool down a power unit suppressing a rise in temperature at the time of the transportation of dew drops and cooling air without sacrificing interior comfort. The electric automobile is driven by a motor (Z) to run, guides cooling air from an installed air conditioner unit (15) to a power unit (5) for the motor, and cools down the air. In the electric automobile, a duct (16) both ends (16a) and (16b) of which are connected to an ejection port (15a) of the air conditioner unit and a power unit side, respectively and which forms a flow path (R) for guiding the cooling air from the air conditioner unit to the power unit (5) is arranged on a floor (6A) on a passenger seat side in such a manner that the duct is formed along the shape of the interior of the automobile in the passenger seat (4A) side.</p>							
2.	WO	WO/2004/028852 -DRIVER OF ELECTRIC AUTOMOBILE	08.04.2004	B60K 1/00	PCT/JP2003/007078	JAPAN SCIENCE AND TECHNOLOGY AGENCY	SHIMIZU, Hiroshi
<p>A driver of electric automobile in which the drive wheel of the electric automobile can be selected accurately depending on the road conditions. In an electric automobile having four or more wheels, all wheels (1-4) are fixed with drive motors (5-8) capable of driving and regenerative braking, and a plurality of the wheels are selected out of the wheels (1-4) as drive wheels or regenerative brake wheels depending on the traveling conditions.</p>							
3.	WO	WO/2007/064020 -DC-DC CONVERTER FOR ELECTRIC AUTOMOBILE	07.06.2007	H02M 3/155	PCT/JP2006/324314	TOYOTA JIDOSHA KABUSHIKI KAISHA	NOZAWA, Natsuki
<p>Provided is a cost-reduced DC-DC converter for an electric automobile. This DC-DC converter (20) is interposed between an accumulation device (10) and a drive motor of the electric automobile for raising the electric power of the accumulation device (10) at the power driving time of the drive motor by using a reactor (L1), a boosting switching element (Q2) and a boosting diode (D1), and for lowering a regenerative electric power at the regenerating time of the drive motor by using the reactor (L1), a step-down switching element (Q1) and a step-down diode (D2). The boosting switching element (Q2) has a higher current allowance than that of the step-down switching element (Q1).</p>							
4.	WO	WO/2009/031331 -ELECTRIC AUTOMOBILE	12.03.2009	B62D 21/00	PCT/JP2008/054578	mitsubishi JIDOSHA KOGYO KABUSHIKI KAISHA	NOZAKI, Takuma
<p>In an electric automobile, a first bracket (23) supporting the end of a power unit (16) in a battery unit (10) side and extending in the direction of the width of the automobile is provided. The first bracket (23) is connected to the body of the automobile by a first connection portion (26) provided on one of both ends and a second connection portion (26) provided on the other thereof. The power unit (16) is connected to the first bracket (23) by at least two inner side connection portions (24) provided internally to the first and second connection portions (26, 26) in the direction of the width of the automobile. A first fragile portion (48) is formed between the first connection portion (26) and the inner side connection portion (24) closest to the first connection portion (26) and between the second connection portion (26) and the inner side connection portion (24) closest to the second connection portion (26). In the case of impact in a side on which the inner</p>							

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[ADMIN] Admin, Business, Management & Soc Sci
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[BLDG] Civil Engineering & Building Construction
[CHEM] Chemical & Materials Technology
[DATA] Computer Sci, Telecom & Broadcasting
[ELEC] Electrical Engineering & Electronics
[ENVR] Environmental & Safety Engineering
[FOOD] Foods & Food Technology
[GENR] Generalities, Language, Media & Info Sci
[HOME] Home Contents & Household Maintenance
[HORO] Precision Mechanics, Jewelry & Horology
[MANU] Manufacturing & Materials Handling Tech
[MAR] Marine Engineering
[MEAS] Standards, Units, Metrology & Testing
[MECH] Mechanical Engineering
[MED] Medical Technology
[METL] Metallurgy
[MIL] Military Technology
[MINE] Mining, Oil & Gas Extraction & Minerals
[NANO] Nano Technology
[PACK] Packaging & Distribution of Goods
[PRNT] Printing & Paper

[AUTO] Automotive & Road Vehicle Engineering
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Term 1: electric vehicle

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electrically driven vehicle electric car control

electrical vehicle electrically powered vehicle electric car

electric car apparatus

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English German Spanish French Japanese IPC [Help]

"electric vehicle" OR "electric car" OR "electric car apparatus" OR "electric car control" OR "electrically driven vehicle" OR "electrically powered vehicle"

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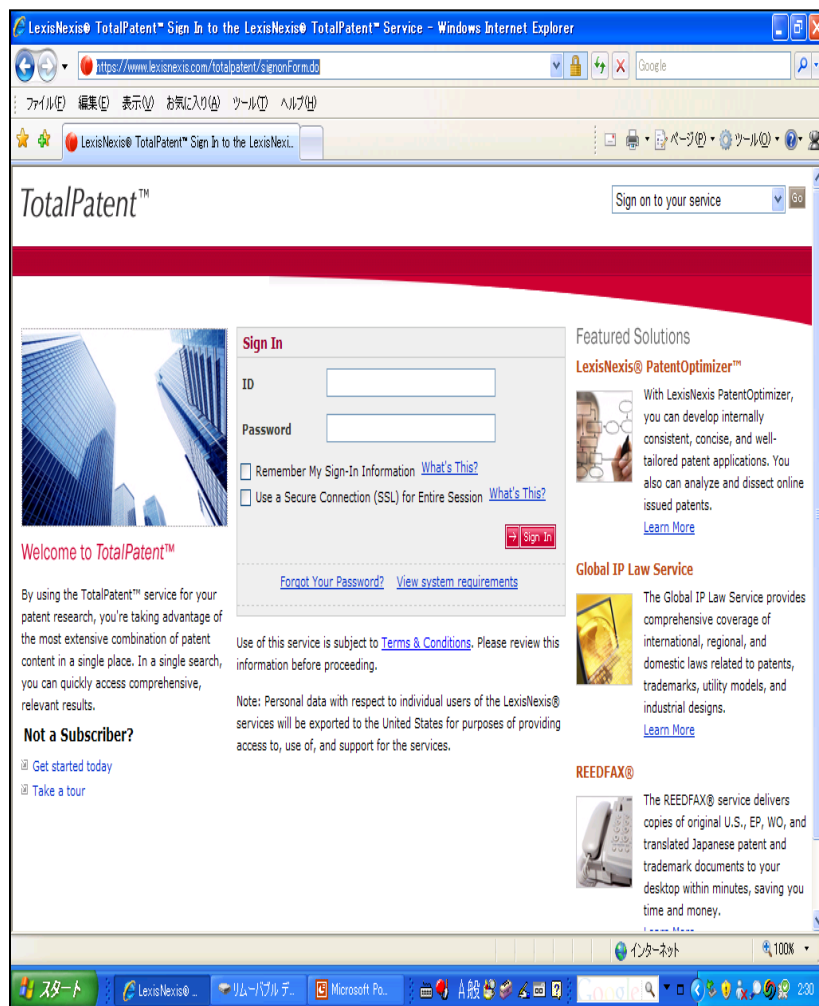
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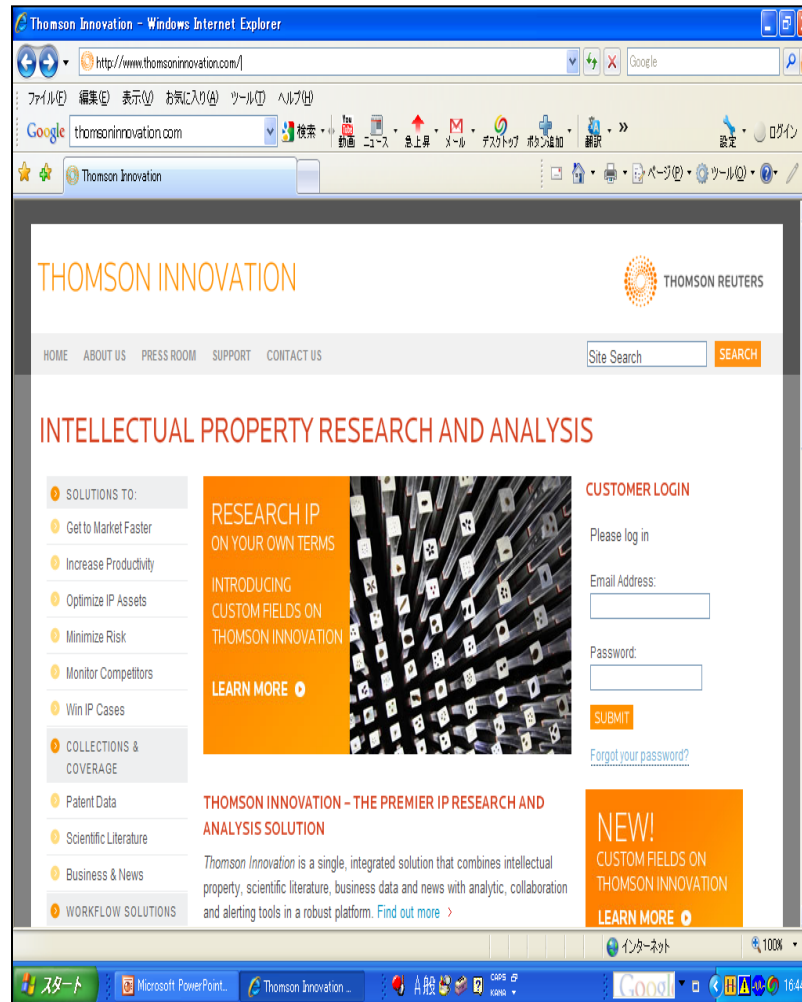
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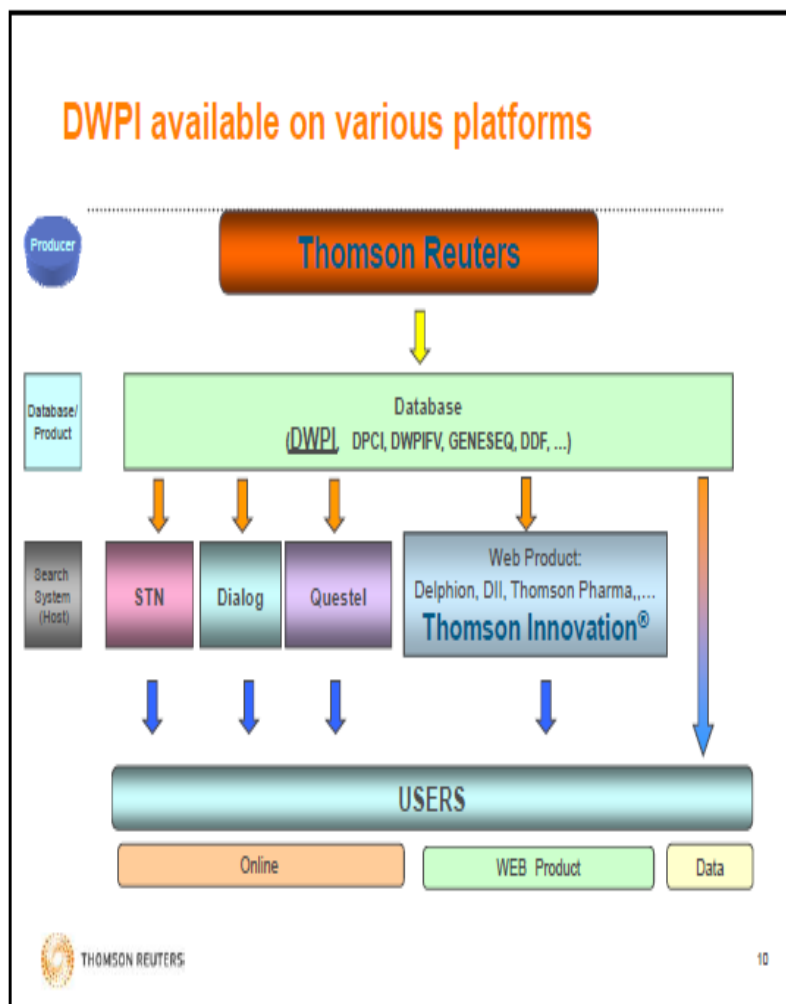


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6. **Other Nations**
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Derwent World Patent Index (DWPI)



United States Patent [10] Patent Number: 5,816,633
 Odom [43] Date of Patent: Oct. 6, 1998

[51] **HANDY DANDY** 5,103,607; 2,748,851; Ducts 50/70,000
 Spool; 4,179,638; Mason

[76] Inventor: Anthony K. Odom
 Dibs, Ala. 36520

[21] Appl. No.: 832,408
 [22] Filed: Apr. 3, 1997

[51] Int. Cl. 6
 [52] U.S. Cl. 294/81; 294/39; 7/116; 172/375

[58] Field of Search 294/49; 51; 57; 60; 7/119-116; 113; 167; 173/372-375

Original Title: Hard to understand

DWPI Title: Tool with multiple interchangeable heads for gardening - has and elongated handle with a front mounting assembly for receiving and securing one of a number of tools, with a mount fixed to the handle for receiving an impact hammer

**Concise professional-made title in 20~30 words : covers scope, usage , novelty of the invention.
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Patent Family and Non-conventions Equivalents

DWPI Patent Family

	公報	DWPI更新	公報発行日	IPC コード	言語
Basic Patent	EP1188510A2 *	200235	2002-03-20	B23K003700	English
	Local apps.: EP2001307057A Filed: 2001-08-20				
	NO200104174A =	200235	2002-03-01	B23K003700	Norwegian
	Local apps.: NO20014174A Filed: 2001-08-28				
	US20020046999A1 =	200235	2002-04-25	B23K000912	English
	Local apps.: US2001941485A Filed: 2001-08-28				
(Equivalent Patent)	FI200001907A =	200237	2002-03-01	B23K000000	Finnish
	Local apps.: FI20001907A Filed: 2000-08-29				
	JP2002119578A =	200242	2002-04-16	B23K000912	Japanese
	Local apps.: JP2001259768A Filed: 2001-08-29				
	KR2002018087A =	200261	2002-03-07	B23K003702	Korean
	Local apps.: KR200152046A Filed: 2001-08-28				
	CN1408500A #	200345	2003-04-09	B23K002802	Chinese
	Local apps.: CN2001137641A Filed: 2001-09-22				
	US6750426B2 =	200439	2004-06-15	B23K0009095	English
	Local apps.: US2001941485A Filed: 2001-08-28				
	FI11700901 =	200034	2000-03-15		Finnish
	Local apps.: FI20001907A Filed: 2000-08-29				
	CN1280580C #	200716	2006-10-18	B23K002800	Chinese
	Local apps.: CN2001137641A Filed: 2001-09-22				
#Non-conventional Equivalents (NCE)	KR2002036581 =	200841	2007-10-08	-	Korean
	Local apps.: KR200152046A Filed: 2001-08-28				
	EP1188510B1 =	200904	2008-12-31	-	English
	Local apps.: EP2001307957A Filed: 2001-08-20				
	DE6037180D1 =	200914	2009-02-12	-	German
	Local apps.: EP2001307957A Filed: 2001-08-20				
	NO327112B1 =	200931	2009-04-27	-	Norwegian
	Local apps.: NO20014174A Filed: 2001-08-28				

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 - Subject matter (titles, abstracts, claims, IPCs)
 - Drawings and diagrams



Data Correction (Assignee, Priority No., etc.)

United States Patent [14] Patent Number: **5,816,633**
Odcm [43] Date of Patent: **Oct. 6, 1998**

[51] **HANDY DANDY**

[76] Inventor: **Anthony K. Odum**

[21] Appl. No.: **832,008**

[22] Filed: **Apr. 3, 1997**

[51] Int. Cl.⁷

[52] U.S. Cl.

[58] Field of Search

**Original Title:
Hard to understand**

DWPI Title: Tool with multiple interchangeable heads for gardening - has and elongated handle with a front mounting assembly for receiving and securing one of a number of tools, with a mount fixed to the handle for receiving an impact hammer

**Concise professional-made title in 20~30 words : covers scope, usage , novelty of the invention.
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**Esp@cenet
2009.9.18**

Family list
3 application(s) for: **US2009044271 (A1)**

1 Authentication enforcement at resource level in my patents list

Inventor: **BENAMEUR AZZEDINE (FR) ; EL KHOURY PAUL (FR) (+1)** Applicant: **SAP AG (DE)**
 EC: **G06F21/00N8A2D; G06F21/00N6A2** IPC: **G06F21/34; G06F21/30; G06F21/00**
 Publication info: **EP2017766 (A1) — 2008-01-21**

**DWPI Family A
Priority Number :
EP2007290889**

2 Authentication enforcement at resource level in my patents list

Inventor: **BENAMEUR AZZEDINE (FR) ; KHOURY PAUL EL (FR) (+1)** Applicant: **SAP AG (DE)**
 EC: **G06F21/00N8A2D; G06F21/00N6A2** IPC: **H04L9/32; G06F21/00; H04L9/32; (+1)**
 Publication info: **US2008029068 (A1) — 2008-01-22**

3 INPUT AND OUTPUT VALIDATION in my patents list

Inventor: **BENAMEUR AZZEDINE (FR) ; KHOURY PAUL EL (FR)** Applicant: **SAP AG (DE)**
 EC: **G06F21/00N8A2D; G06F21/00N6A2** IPC: **G06F12/14; G06F12/14**
 Publication info: **US2009044271 (A1) — 2009-02-12**

**DWPI Family B
Priority Number :
EP2007290990**

Family list
1 application(s) for: **EP2023569 (A1)**

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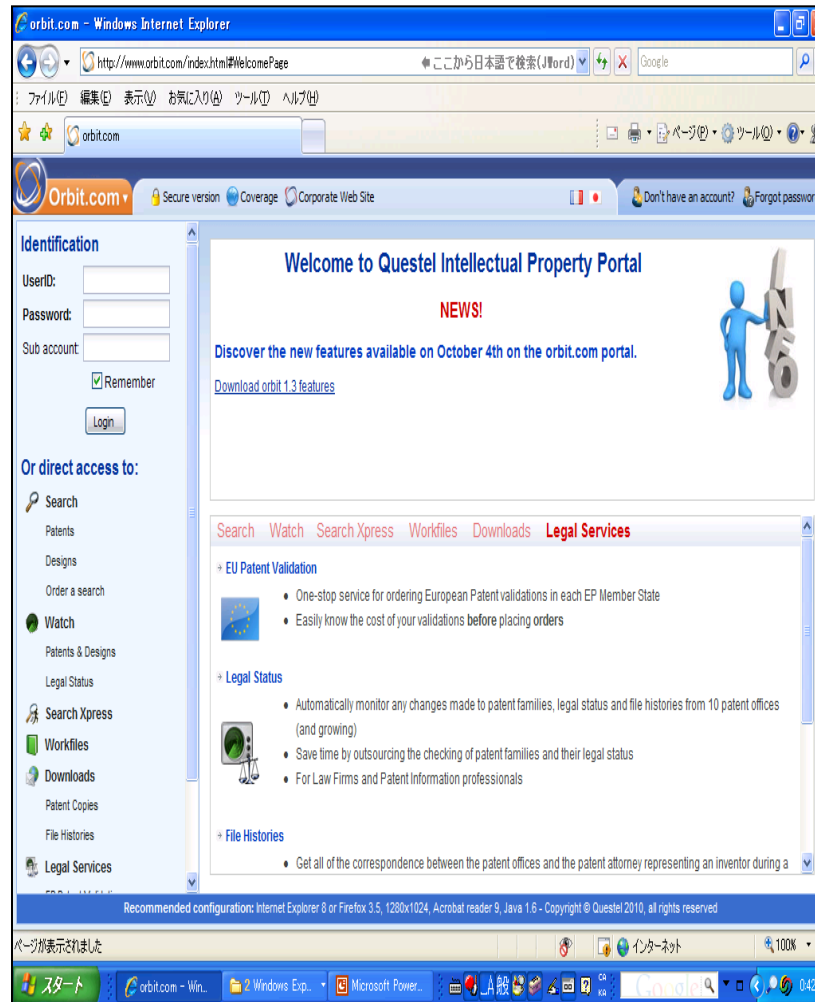
Inventor: **BENAMEUR AZZEDINE (FR) ; EL KHOURY PAUL (FR)** Applicant: **SAP AG (DE)**
 EC: **G06F21/00N3J0; H04L29/06S14A1** IPC: **H04L29/06; G06F21/06; H04L29/06; (+1)**
 Publication info: **EP2023569 (A1) — 2008-02-11**

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***Web Platform of Patent
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***Legal Status**

**INPADOC legal status data
with DEAD or LIVE**



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Keywords
Title, Abstract, Key Content (car? OR Belwagen? OR ...)

Classifications
and IPC

Names
Assignee: TOYOTA Jidosha, Corporate Tree
Inventor: ...
Representative: ...

Numbers, Dates & Country
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Date: Publication
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Assignee Assistant and Corporate Tree

The screenshot shows the Orbit Assignee Assistant interface. The main window is titled "Assignee Assistant" and contains a search box with "TOYOTA Jidosha" entered. Below the search box is a table of results. The table has two columns: "Assignee" and "Frequency". The results are as follows:

Assignee	Frequency
TOYOTA JIDOSAH KABUSHIKI KAISHA	15
TOYOTA JIDOSH	13
TOYOTA JIDOSH 1 TOYOTA CHO TOYOTA SHI AICHI KEN JAP...	11
TOYOTA JIDOSH KABUSHIKI KAISHA	13
TOYOTA JIDOSHA	12402
TOYOTA JIDOSHA & KABUSHIKI KAISHA	11
TOYOTA JIDOSHA & NIPPON SOKEN	11
TOYOTA JIDOSHA & TOYOTACHO	11
TOYOTA JIDOSHA & YAZAKI	11
TOYOTA JIDOSHA 1	19
TOYOTA JIDOSHA 1 AZA NAGAHATA OAZA OCHIAI HARUHL...	11
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The screenshot shows the Orbit Corporate Tree interface. The main window is titled "Corporate Tree" and displays a hierarchical tree structure of companies. The tree is rooted at "TOYOTA Jidosha" and branches out into various sub-companies. The tree structure is as follows:

- TOYOTA Jidosha
 - Aisin AW Co., Ltd. (1)
 - Cv Tec Co., Ltd. (0)
 - Toyota Motor Corp. (21)
 - Toyota Motor Hokkaido Inc. (0)
 - Japan Chemical Industries Co., Ltd. (0)
 - Toyota Motorsport Gmbh (0)
 - Toyota Auto Body Co., Ltd. (1)
 - Toyota Boshoku Corporation (0)
 - Daihatsu Motor Co. Ltd. (0)
 - Kanto Auto Works Ltd. (0)
 - Primearth EV Energy Co., Ltd. (0)
 - Toyota Production Engineering Corporation (0)
 - Hino Motors Ltd. (0)
 - Toyota Motor Sales, U.S.A., Inc. (1)
 - Toyota Motor North America, Inc. (0)
 - Cataler Corporation (0)
 - Toyota Motor Manufacturing France S.A.S. (0)
 - Central Motor Wheel Co., Ltd. (1)
 - Yutaka Seimitsu Kogyo Ltd. (0)
 - Cally Design Research, Inc. (0)

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FIG. 1

Control apparatus and method of internal combustion engine installed on a motor vehicle

Abstract (US6343586)
 A control apparatus of an internal combustion engine is able to effectively suppress vibration occurring upon acceleration of a **motor vehicle** due to an increase in the torque generated by the engine. The apparatus controls the ignition timing in accordance with variations in the acceleration of the **motor vehicle**, so as to variably control the torque generated by the engine. Upon the start of variable torque control, a controller controls the opening amount of the throttle valve to be larger than the opening amount originally determined depending upon the current operating conditions of the engine. As a result, the generated torque is allowed to be larger than the normally generated torque during variable torque control, and vibration upon acceleration can be effectively suppressed.

Inventor(s) MUTO HARUFUMI FUJITA MAKOTO KUSHI
 NAOITO

Inventor(s) 武藤 晴文
 藤田 真人
 柳 道人

Assignee TOYOTA JIDOSHA
 TOYOTA MOTOR CO LTD
 TOYOTA MOTOR CORP

Patent Assignee (Original) Toyota Jidosha Kabushiki Kaisha, Toyota [JP]

Assignee トヨタ自動車株式会社

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FIG. 1

制御装置および内燃機関の自動車に搭載される

Abstract (US6343586)
 内燃機関の制御装置は、効果的に加えられる**自動車**の加速に伴って発生する振動を抑制するために、エンジンによって発生されるトルクが増加するに起因して、エンジンによって生成されるトルクを、通常発生するトルクよりも大きくするように許容されている。その結果、生成されたトルクは、可変トルク制御の間、エンジンによって生成されるトルクよりも大きく生成されるように許容されている。その結果、生成されたトルクは、可変トルク制御の間、エンジンによって生成されるトルクよりも大きく生成されるように許容されている。その結果、生成されたトルクは、可変トルク制御の間、エンジンによって生成されるトルクよりも大きく生成されるように許容されている。その結果、生成されたトルクは、可変トルク制御の間、エンジンによって生成されるトルクよりも大きく生成されるように許容されている。

Inventor(s) MUTO HARUFUMI FUJITA MAKOTO
 NAOITO

Inventor(s) 武藤 晴文
 藤田 真人
 柳 道人

Assignee TOYOTA JIDOSHA
 TOYOTA MOTOR CO LTD
 TOYOTA MOTOR CORP

Patent Assignee (Original) Toyota Jidosha Kabushiki Kaisha

Assignee トヨタ自動車株式会社

Published As

Publ. number Pub. date Appl. number Appl. number
 DE10029203 20001221 2000DE 1029203 2000

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20000614	DE:API [EXM:POS]	<p>DE10029303 20000614 [2000DE-1029303]</p> <p>DE10029303 20000614 [2000DE-1029303]</p> <p>REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW</p> <p>PRUEFUNGSANTRAG GEM. PAR. 44 PATG. IST GESTELLT</p>
20001221	DE:OPB-A [EXM:POS]	<p>Doc. laid open (First publication)</p> <p>DE10029303 A1 20001221 [DE10029303]</p>
20001221	DE:IA1 [EXM:POS]	<p>Patent (Second publication)</p> <p>DE10029303 B4 20000626 [DE10029303]</p>
20081224	DE:R364-A [OPP:POS]	<p>NO OPPOSITION DURING TERM OF OPPOSITION</p> <p>ENSPRUCHSFRIST ABGELAUFEN OHNE DASS ENSPRUCH ERHOBEN WURDE</p>
20100121	DE:R320-A [LIC]	<p>WILLINGNESS TO GRANT LICENSES DECLARED (PARAGRAPH 23)LIZENZBEREITSCHAFT ERKLAERT (PAR. 23)</p>
<p>JP2000356153 A, JP3533991 B2</p> <p>Display PATOLIS-e legal status</p>		
<p>Alive: US6343586 B1</p> <p>ASSIGNMENT</p> <p>OWNER: TOYOTA JIDOSHA KABUSHKI KAISHA 1, TOYOTA-CHO, TOY; EFFECTIVE DATE: 20000522</p> <p>ASSIGNMENT OF ASSIGNORS</p> <p>INTEREST:ASSIGNORS:MUTO, HARUHIROMI;MUTA</p>		
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FIG. 1

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Control apparatus and method of internal combustion engine installed on a **motor vehicle**

Published As

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DE10029303	20001221	2000DE-1029303	20000614	A1	
JP2000356153	20001226	1999JP-0168519	19990615	A	
US6343586	20020205	2000US-0580428	20000530	B1	
JP0533991	20040607			B2	
DE10029303	20080626			B4	

Cited Patents

Publ. number	Pub. date	Assignee	Cat.	#	Links
<p>Title: Torque based driver demand interpretation with barometric pressure compensation</p>					
US6246951	20010612	FORD GLOBAL T...		1	
<p>Document type B1 - Granted patent as first publication</p>					
Appl. number	1999US-0306332				
Appl. date	19990506				
<p>Title: Input smoothing method and apparatus for an electronic throttle control system</p>					
US6157888	20001205	FORD GLOBAL T...		1	
<p>Document type A - Patent</p>					

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FIG. 1

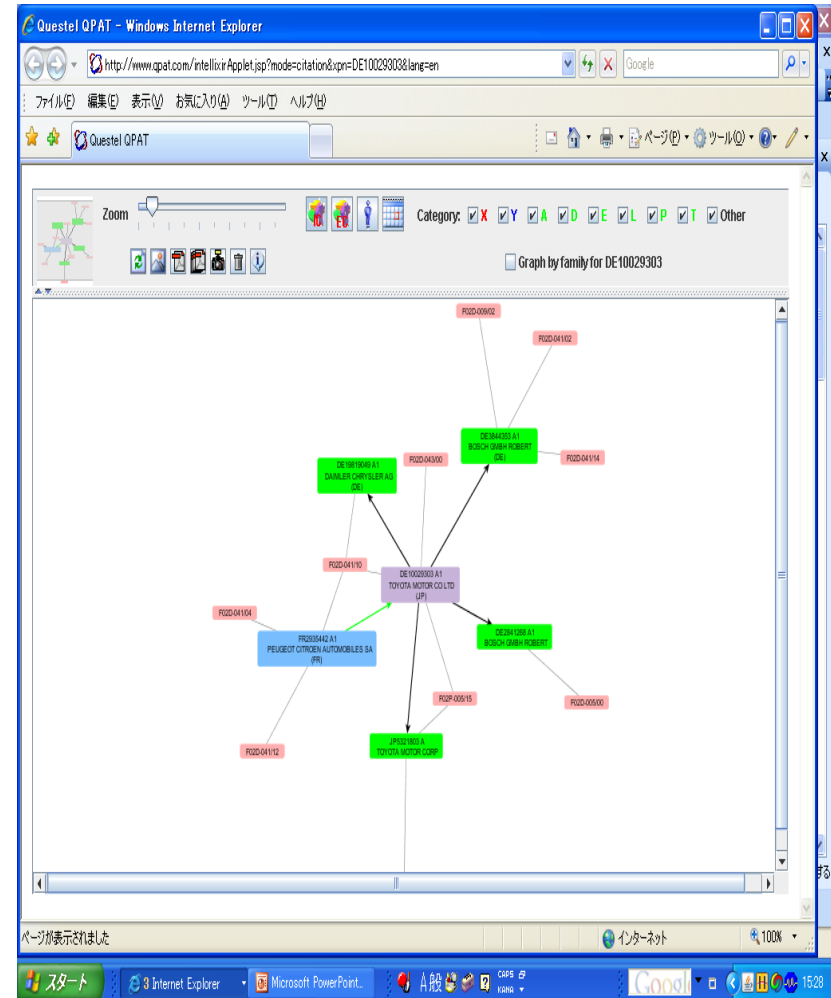
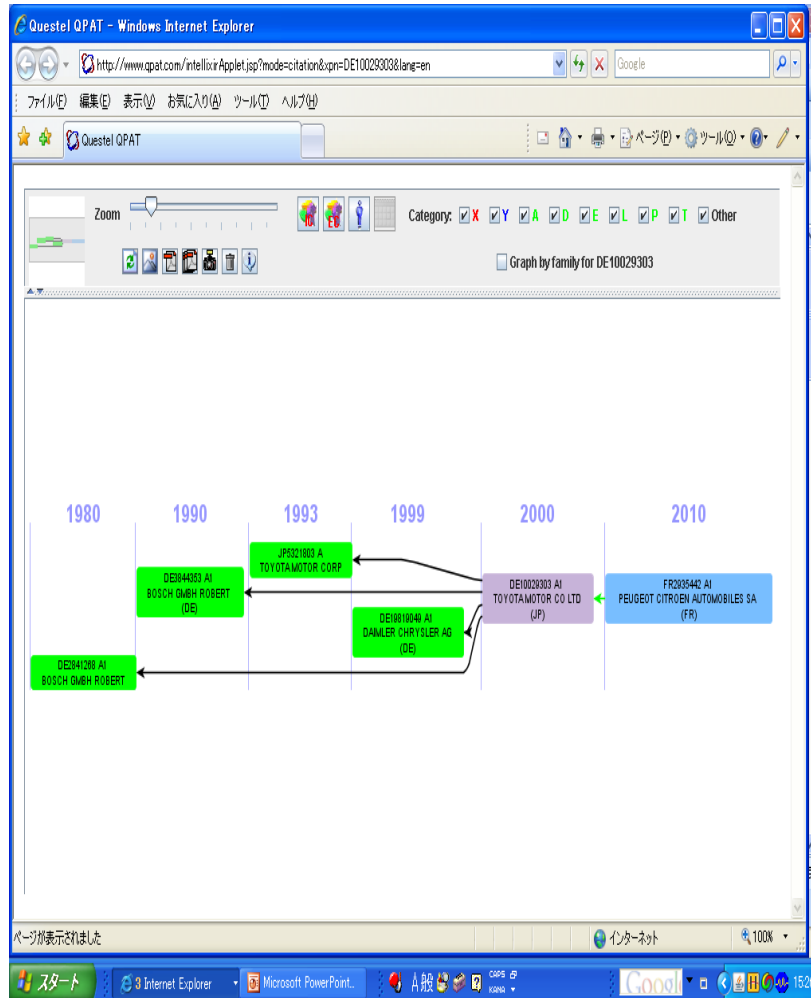
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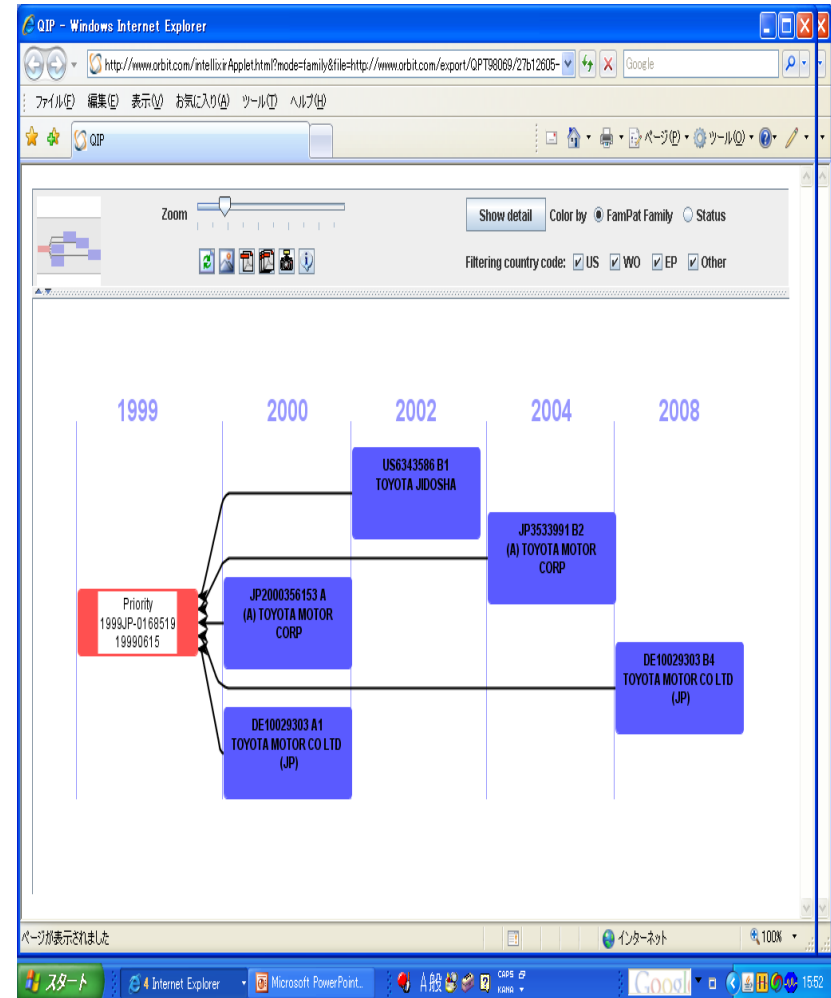
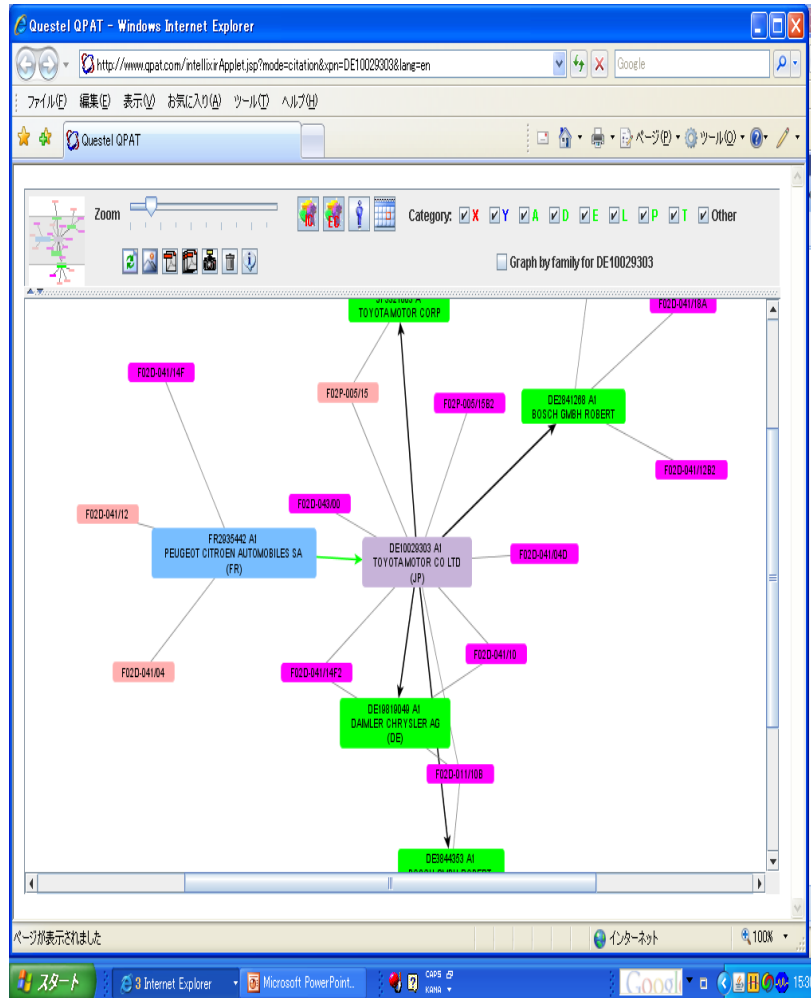
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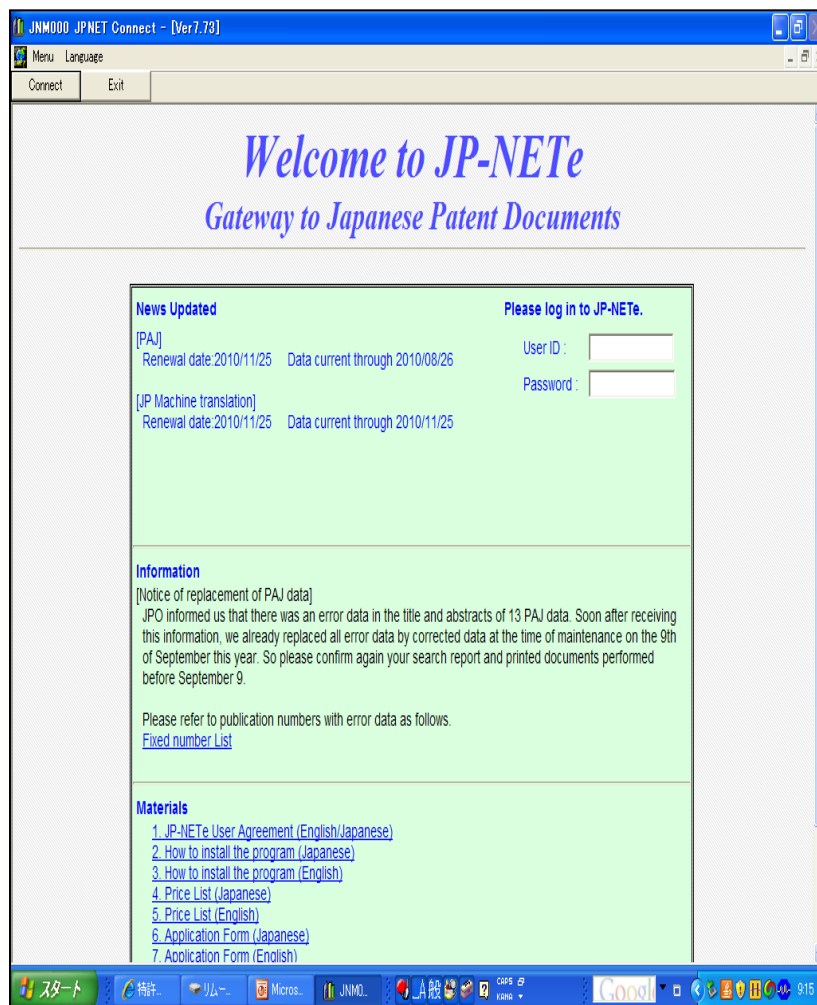
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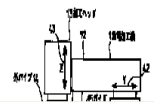
(11) Publication number: **2000-000720**
 (43) Publication date: 2000/01/07

(51) Int. Cl. B23H 1/04 (21) Application number: H10-165451
 B23H 9/14 (22) Application date: 1999/06/12

(71) Applicant: TOYOTA MOTOR CORP
 (72) Inventor: TAKEUCHI AKIYOSU

(54) Title: ELECTRIC DISCHARGE MACHINE

(57) Abstract:
 PROBLEM TO BE SOLVED: To easily form a cavity in a workpiece larger than an opening part by an electric discharge machine.
 SOLUTION: An electric discharge machine for machining a workpiece 51 by electric discharge between a machining electrode 20 and the workpiece 51 is provided with a pipe 16 with a curved part 16b



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 (A) Japanese Published Patent
 Pub No.2000-000720 (0004/1921)(1921)
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[Citation/Cited Document]

[F1980-162670 \(A1982-089529\)](#) Notice of Reasons of Refusal
[F1988-267604 \(A1990-116428\)](#) Notice of Reasons of Refusal
[F1994-245997 \(A1996-108322\)](#) Notice of Reasons of Refusal
[F1980-162670 \(A1982-089529\)](#) Decision of Refusal
[F1988-267604 \(A1990-116428\)](#) Decision of Refusal
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1. Application Information (Renewal date:2005/03/04)

1) <Basic Record>	<No. and Others>	<Date>
Application No. & Date	H10-165451	1998/06/12
Publication No. & Date	2000-000720	2000/01/07
Applicant Name	(000003207)	
Attorney Name	(100064344), (100091742), (100106725), (100108512)	
Kind of Decision	Decision of Refusal	2004/12/28
Kind of Examination	Normal Examination	

2) <Examination Process>	<Date>	<Examination Code>
Patent Application	1998/06/12	A63
Written Request for Examination	2001/08/09	A621
Written Amendment of Procedure	2001/08/10	A523
Written Notice of Reasons for Refusal	2004/08/24	A131
Decision of Refusal	2004/12/28	A02

3) <Related Appl. No.>	<Publ. No.>	<Kind of Application>
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F1980-162670	A1982-089529	Decision of Refusal	Cited
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5) <Reference Appl. No.>	<Publ. No.>	<Kinds>
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4. Information on Classification assigned by JPO (Renewal date:2000/11/22)

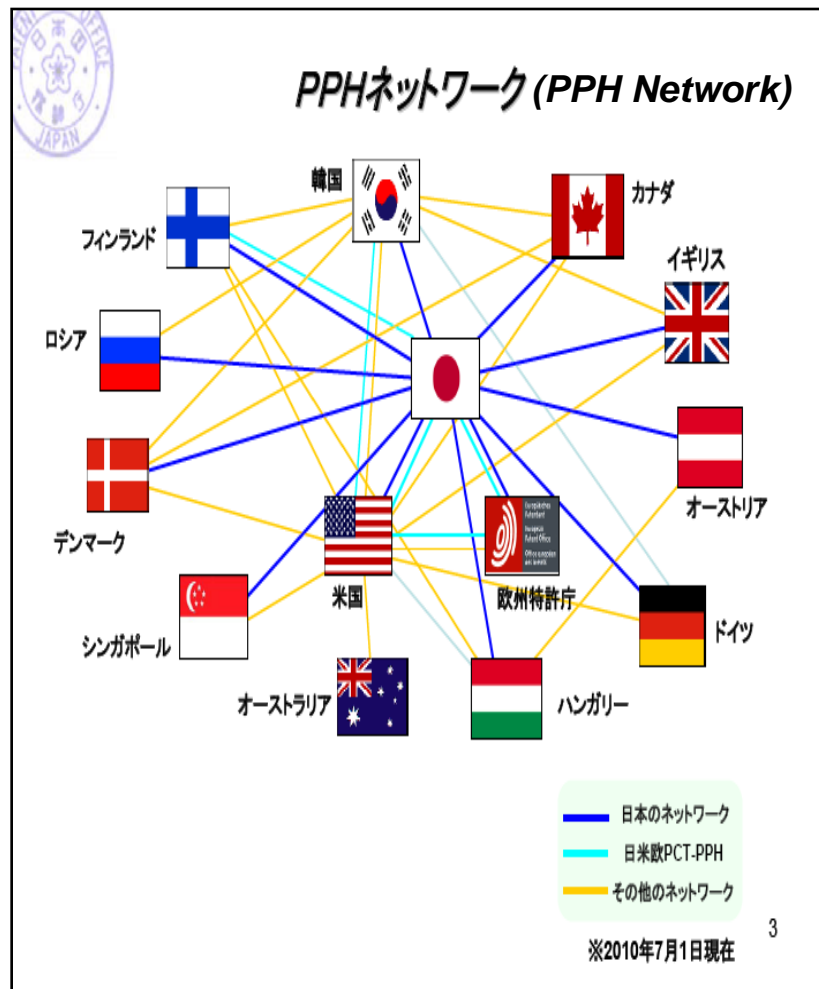
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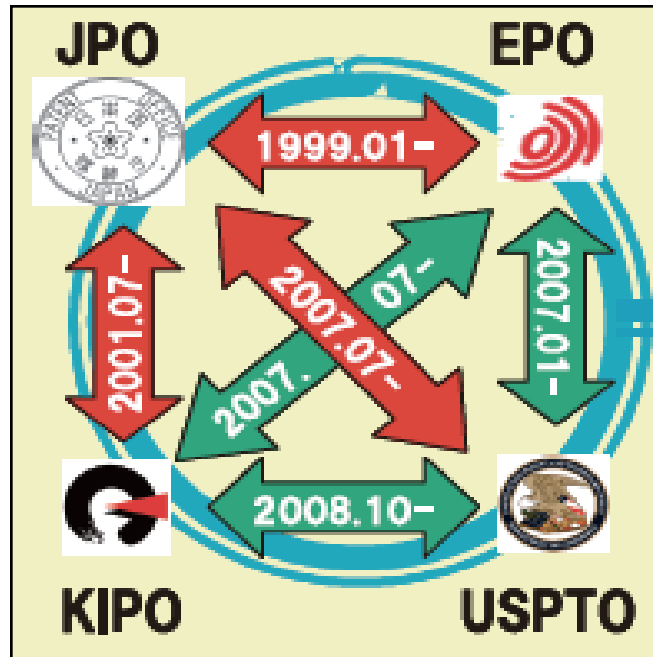
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(Aug. 2010).



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