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Global Dossier Common Citation Document

Origins Status Future



Our history

1973



5 October 1973



1977



2013

Diplomatic Conference in Munich

Signature of the European Patent Convention (EPC) by 16 countries

Entry into force of the EPC in 7 countries

Foundation of the European Patent Organisation

Foundation of the European Patent Office

Celebration of 40 years of the EPC

More on epo.org

Seven founding states in 1977

Belgium • Germany • France
Luxembourg • Netherlands
Switzerland • United Kingdom



Today....

38 European member states

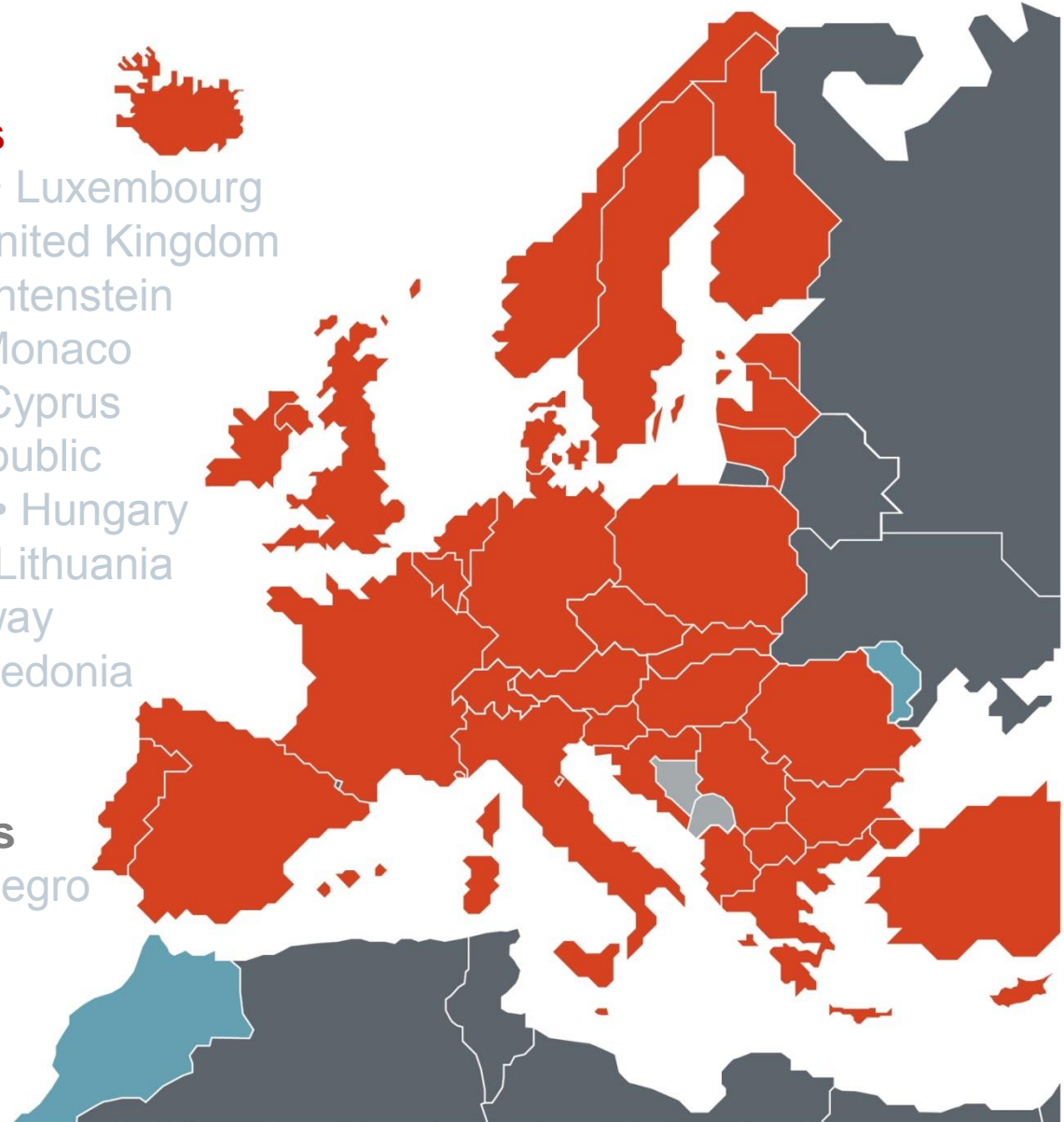
Belgium • Germany • France • Luxembourg
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2 European extension states

Bosnia-Herzegovina • Montenegro

2 Validation states

Morocco
Republic of Moldova



Our staff



Munich

3 772

The Hague

2 682

Berlin

247

Vienna

96

Brussels

4

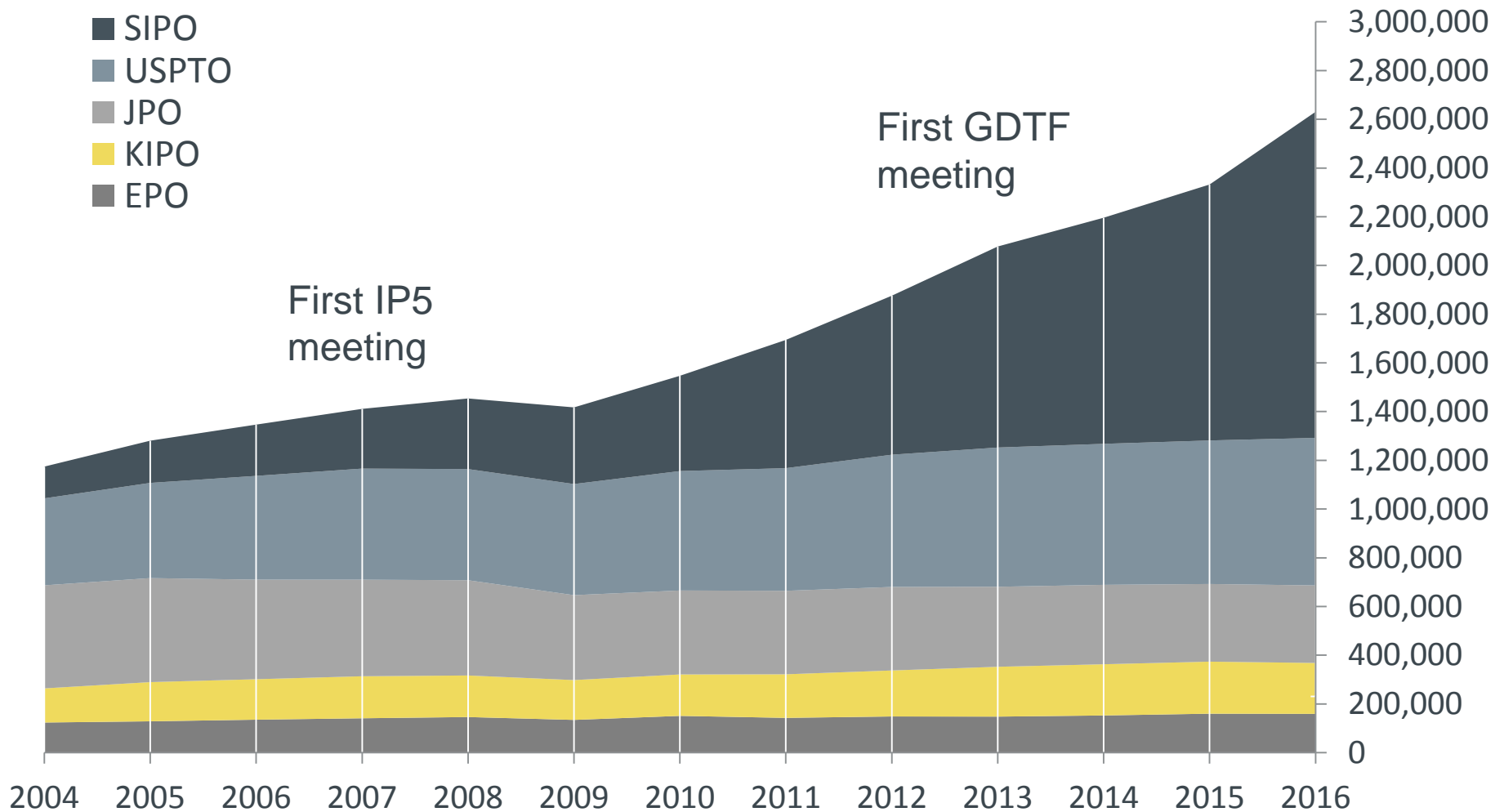
Total

6 801

Around 60% are patent examiners

Source: EPO data on 31.12.2016

Evolution of filings at the IP5 (2004-2016)



Challenges and opportunities of the global patent system

Rapidly growing **volumes** of prior art, particularly from Asia



Increasing **complexity**, especially in IT and biotech



Growing patent examination **workload**

Public expectation of highest possible patent examination **quality**

The IP5 cooperation is a response to the challenges

A cooperation programme between the world's 5 biggest patent offices

– **EPO, JPO, KIPO, SIPO, USPTO**

The IP5 cooperation was initiated in 2007 to address the issue of growing backlogs and rapidly increasing filings.

– **Work-sharing** considered to be main tool for addressing this issue

– Timeliness and Quality key drivers

Global Dossier - Timeline

- 2003** Trilateral Offices invite respective industry associations for first time
- 2007** 1st IP5 Heads meeting to address **ever increasing workloads**
- 2012** 5th IP5 Heads meeting. Industry invited for the first time. Agreement to establish the **Global Dossier Task Force (GDTF)** with **IP5 offices, IP5 Industry** and **WIPO** as members.
- 2013** 1st IP5 GDTF meeting held in January in The Hague where industry defines its vision of Global Dossier with **active** and **passive** components.
- 2014** In June the EPO delivers **first Global Dossier service** with SIPO data in **European Patent Register**. In October the EPO extends this service to **Espacenet**.
- 2015** 2nd IP5 GDTF meeting held in January in Suzhou; delegations propose **five priorities** which could form the next phase of Global Dossier.
At the 8th IP5 Heads meeting held in May in Suzhou an IP5 **vision statement** for the GDTF 5 priorities is endorsed. **Annual GDTF meetings** agreed

GDTF Vision (Jan 2013)

“[The Global Dossier] will allow users to efficiently access all available information about all applications and patents in the participating offices, and to utilize the electronic services of the offices.”

- **Global Dossier Taskforce** industry delegation statement 1 March 2013

Global Dossier EPO implementation

Global Dossier *Aggregated patent information and prosecution*

Timeline of EPO GD service

June 2014 **Launch** with **CN** and **EP** file wrappers

April 2015 **Extension** to **KR** and **JP** file wrappers.

June 2015 **Completion** with the **US** file wrappers

November 2017 **Addition** of the **WIPO, CIPO** file wrappers



JP2014102850 (A)

Bibliographic data

- Description
- Claims
- Mosaics
- Original document
- Cited documents
- Citing documents
- INPADOC legal status
- INPADOC patent family

Quick help –

- [What is meant by high quality text as facsimile?](#)
- [What does A1, A2, A3 and B stand for after a European publication number?](#)
- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Reaister" button?](#)

Bibliographic data: JP2014102850 (A) — 2014-06-05

★ In my patents list Previous ◀ 2/2 Next **Global Dossier** Report data error Print

USER INTERFACE METHODS PROVIDING CONTINUOUS ZOOM FUNCTIONALITY

Page bookmark [JP2014102850 \(A\) - USER INTERFACE METHODS PROVIDING CONTINUOUS ZOOM FUNCTIONALITY](#)

Inventor(s): SAMUEL J HORODEZKY; KAM-CHEONG ANTHONY TSOI ±

Applicant(s): QUALCOMM INC ±

Classification: - international: [G06F3/0481](#); [G06F3/048](#); [G06F3/0487](#); [G06F3/0488](#)

- cooperative: [G06F3/0481](#); [G06F3/04883](#); [G06F2203/04806](#)

Application number: [JP20140018261](#) 20140203

Priority number(s): [US20090482158](#) 20090610

Also published as: [JP20140315438 \(A1\)](#) [US8823749 \(B2\)](#) [WO2010144726 \(A1\)](#) [KR20120027516 \(A\)](#) [KR101384857 \(B1\)](#)

Global dossier link available for JP, KR, CN, US and WO publications

WO2011129660

- About this file
- Legal status
- Federated register
- Event history
- Citations
- Patent family**
- All documents

Quick help

- What happens if I click on the "XML" or "ST36" buttons?
- What does "patent family" mean?
- What are "equivalents"?
- What is Global dossier?
- Which types of document will I find under "Patent family"?
- What does A1, A2, A3 and B stand for after a publication number?

Maintenance news

News flashes

Related links

Patent family: WO2011129660

Refine search ST36 Espacenet Submit observations Report error

Type	Publication No.	Date	Type
Patent family member	US8780848	15.07.2014	A1
	US2013028227	31.01.2013	A1
	US32430710	15.04.2010	
	US201113641075	15.04.2011	
	KR2011002721	15.04.2011	
	KR20110035131	15.04.2011	
Patent family member	KR20110115551	20.12.2012	A
	US32430710	15.04.2010	
Patent family member	JP2013524719	17.06.2013	A
	US32430710	15.04.2010	
	KR2011002721	15.04.2011	
	KR20110035131	15.04.2011	
Patent family member	CN102845117	20.12.2012	A
	US32430710	15.04.2010	
	KR2011002721	15.04.2011	
	KR20110035131	15.04.2011	
Patent family member	CA2793065	20.10.2011	A1
	US32430710	15.04.2010	
	WO2011KR02721	15.04.2011	
	KR20110035131	15.04.2011	
Equivalent	WO2011129660	15.03.2012	A3
	WO2011129660	20.10.2011	A2
	US32430710	15.04.2010	
	KR20110035131	15.04.2011	




USPTO file wrappers since **06/15**

KIPO and JPO file wrappers since **03/15**

SIPO file wrappers since **06/14**

WIPO (and CIPO) via WIPO CASE since **11/16**

About this file: EP2725113

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EP2725113 - METHOD FOR PRODUCING AUSTENITIC STAINLESS STEEL AND AUSTENITIC STAINLESS STEEL MATERIAL [Right-click to bookmark this link]

Status Request for examination was made
Database last updated on 15.10.2015


Most recent event  12.06.2015 New entry: Renewal fee paid

Applicant(s) For all designated states
Nippon Steel & Sumitomo Metal Corporation
6-1, Marunouchi 2-chome
Chiyoda-ku
Tokyo 100-8071 / JP

[2014/18]


Inventor(s) 01 / UEYAMA, Masaki
c/o Nippon Steel & Sumitomo Metal Corporation
6-1, Marunouchi 2-chome
Chiyoda-ku


Patent family: EP2725113

 Refine search


 ST36


 Espacenet

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Type

 Patent family member


Publication No.		Date	Type
↗ US2014137994	 Global dossier	22.05.2014	A1
Priority number		Date	
JP2011140283		24.06.2011	
JP2012065733		20.06.2012	


Type

 Patent family member

Publication No.		Date	Type
↗ KR20140014280	 Global dossier	05.02.2014	A
Priority number		Date	
JP2011140283		24.06.2011	
JP2012065733		20.06.2012	

Type


 Patent family member

Publication No.		Date	Type
↗ JPWO2012176802	 Global dossier	23.02.2015	A1
JP5201297B		05.06.2013	B2
Priority number		Date	
JP2012528975		20.06.2012	
JP2011140283		24.06.2011	
JP2012065733		20.06.2012	


Type

 Patent family member

Publication No.		Date	Type
↗ CN103620076	 Global dossier	05.03.2014	A
Priority number		Date	
JP2011140283		24.06.2011	
JP2012065733		20.06.2012	

 File wrapper data provided courtesy of JPO, for family member with application no. JP2012528975

Date	Description
04.04.2013	Representative drawing of International Publication in Japanese (Ex Officio) (ORIGINAL)
04.04.2013	International Search Report (Japanese) (ORIGINAL)
04.04.2013	International Search Report (Japanese) (TRANSLATED)
04.04.2013	Representative drawing of International Publication in Japanese (Ex Officio) (TRANSLATED)
04.04.2013	Priority Documents (ORIGINAL)
04.04.2013	Priority Documents (TRANSLATED)
15.01.2013	Notification of the Recording of Change (ORIGINAL)
15.01.2013	Notification of the Recording of Change (TRANSLATED)
15.01.2013	Decision to Grant a Patent (TRANSLATED)
15.01.2013	Decision to Grant a Patent (ORIGINAL)
19.10.2012	Written Amendment (ORIGINAL)
19.10.2012	Written Argument (TRANSLATED)
19.10.2012	Written Argument (ORIGINAL)
19.10.2012	Written Amendment (TRANSLATED)

 File wrapper data provided courtesy of USPTO, for family member with application no. US201214128777

<u>Date</u>	<u>Description</u>
23.06.2015	<u>Transmittal Letter</u>
23.06.2015	<u>Information Disclosure Statement (IDS) Form (SB08)</u>
23.06.2015	<u>EFS Acknowledgment Receipt</u>
23.06.2015	<u>Non Patent Literature</u>
23.06.2015	<u>Non Patent Literature</u>
10.11.2014	<u>Transmittal Letter</u>
10.11.2014	<u>Information Disclosure Statement (IDS) Form (SB08)</u>
10.11.2014	<u>EFS Acknowledgment Receipt</u>
10.11.2014	<u>Non Patent Literature</u>
10.11.2014	<u>Non Patent Literature</u>
22.05.2014	<u>Notice of Publication</u>
11.02.2014	<u>Filing Receipt</u>
11.02.2014	<u>Fee Worksheet (SB06)</u>
11.02.2014	<u>Notice of DO/EO Acceptance Mailed</u>



File wrapper data provided courtesy of KIPO, for family member with application no. KR20137033377

Date	Description
07.10.2015	Notice of Final Rejection (ORIGINAL)
07.10.2015	Notice of Final Rejection (TRANSLATED)
08.06.2015	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substa (ORIGINAL)
08.06.2015	[Amendment of Specification etc.] Amendment (ORIGINAL)
08.06.2015	[Amendment of Specification etc.] Amendment (TRANSLATED)
08.06.2015	[Opinion according to the Notification of Reasons for Refusal] Written Opinion(Written Reply, Written Substa (TRANSLATED)
07.04.2015	Request for the Submission of an Opinion (ORIGINAL)
07.04.2015	Request for the Submission of an Opinion (TRANSLATED)
16.12.2013	[Patent Application] Paper according to the Article 203 of Patent Act (TRANSLATED)
16.12.2013	[Amendment of Application etc.] Amendment (TRANSLATED)
16.12.2013	[Amendment of Application etc.] Amendment (ORIGINAL)
16.12.2013	[Patent Application] Paper according to the Article 203 of Patent Act (ORIGINAL)



File wrapper data provided courtesy of SIPO, for family member with application no. CN201280031273

<u>Date</u>	<u>Description</u>
14.09.2015	<u>Nth Office Action (ORIGINAL)</u>
14.09.2015	<u>Nth Office Action (TRANSLATED)</u>
08.05.2015	<u>Claims (ORIGINAL)</u>
08.05.2015	<u>Argument (TRANSLATED)</u>
08.05.2015	<u>Argument (ORIGINAL)</u>
29.12.2014	<u>First Office Action(PCT) (TRANSLATED)</u>
29.12.2014	<u>First Office Action(PCT) (ORIGINAL)</u>
19.12.2014	<u>First search (ORIGINAL)</u>
05.03.2014	<u>Invention Publication (ORIGINAL)</u>



Dossier provided courtesy of IB of the WIPO

Date	Description	Pages
16.10.2012	<u>Notification of Transmittal of Copies of International Preliminary Report on Patentability Chapter I</u>	-
16.10.2012	<u>English Translation of International Preliminary Report on Patentability Chapter I</u>	-
16.10.2012	<u>International Preliminary Report on Patentability Chapter I</u>	-
15.10.2012	<u>Written Opinion of the International Search Authority</u>	-
15.10.2012	<u>English Translation of the Written Opinion of the International Search Authority</u>	-
29.08.2012	<u>Notification Concerning Representation</u>	-
29.08.2012	<u>Request For The Recording Of A Change</u>	-
29.08.2012	<u>Power of Attorney</u>	-
29.08.2012	<u>Notification Of The Recording Of A Change</u>	-
07.08.2012	<u>Notice Informing The Applicant Of The Communication Of The International Application (To Designated Offices Which Do Not Apply The 30 Month Time Limit Under Article 22(1))</u>	-
15.03.2012	<u>Published International Application</u>	-
06.03.2012	<u>Notification Concerning the Transmittal of Copy of International Application as Published (to the applicant)</u>	-
26.01.2012	<u>English Translation of the ISR</u>	-

EPO Global Dossier – Document (JP example)

【書類名】 意見書
【提出日】 平成27年11月26日
【あて先】 特許庁審査官 殿
【事件の表示】
【出願番号】 特願2014- 18261
【特許出願人】
【識別番号】 507364838
【氏名又は名称】 クアルコム, インコーポレイテッド
【代理人】
【識別番号】 100108453
【弁理士】
【氏名又は名称】 村山 靖彦
【発送番号】 390733

【意見の内容】

今回の拒絶理由通知書では、本願請求項に記載の発明は特許法第29条第2項の規定により特許を受けることができない、と認定されています。

しかし、出願人は、この御認定には承服できず、従いまして、別紙手続補正書によって発明の要旨を明確にするとともに、以下に意見を申し述べます。

(1) 補正について

今回の応答では、本願明細書の段落[0023]の「様々な実施形態は、ズーム機能で状況を検知できるように実装して、使用可能性および適用される倍率が、表示されるコンテンツの性質に依存するようにできる。たとえば、表示されているコンテンツがズーム可能でない場合(たとえばメニューページ)、または楕円軌道として誤解釈される可能性があるユーザーとの対話処理がコンテンツに大量に含まれている場合(たとえば入力可能なフォームまたはゲーム)、ズーム機能は実装されなくてもよい。」という記載などに基づいて、請求項1は、「前記表示されるコンテンツがズーム可能かどうかを決定する段階と、前記表示されるコンテンツが、楕円形をなぞる軌道イベントとして誤解釈されるユーザーとの対話処理を含むかどうかを決定する段階と、前記表示されるコンテンツがズーム可能であるという決定、および、前記表示されるコンテンツが、楕円形をなぞる軌道イベントとして誤解釈されるユーザーとの対話処理を含まないという決定に回答して、ディスプレイ上に画像を生成するために前記ズーム倍率を使用する段階と」、および、「前記表示されるコンテンツが、楕円形をなぞる軌道イベントとして誤解釈されるユーザーとの対話処理を含むという決定に回答して、前記ズーム倍率を使用する前記ズーム機能が実行されない」という記載を含むように補正されました。

また、本願の他の独立請求項も同様に補正されました。

EPO Global Dossier – Document (JP example **Translated**)

This English translation is produced by machine translation and may contain errors. The JPO, the INPIT, and those who drafted this document in the original language are not responsible for the result of the translation.

Notes:

1. Untranslatable words are replaced with asterisks (****).
2. Texts in the figures are not translated and shown as it is.

Translated: 19:29:28 JST 02/03/2016

Dictionary: Last updated 02/02/2016 / Priority:

[Document Name]Written Argument

[Filing date]Heisei 27(2015) November 26

[Recipient] Patent examiner

[Indication of case]

[Application number]Patent Application No. 2014- 18261

[Applicant]

[Identification Number]507364838

[Name]QUALCOMM and in condominium lei TEDDO

[Representative]

[Identification Number]100108453

[Patent Attorney]

[Name]MURAYAMA, Yasuhiko

[Dispatch number] 390733

[The contents of the opinion] In this Notification of Reasons for Refusal, not shoulding be granted a patent the invention of the description to claim in this application by regulation of Patent Law Article 29(2) is presumed. However, the applicant states an opinion to below while he cannot consent to this authorization, therefore clarifies the gist of an invention by an attached sheet Written Amendment.

(1) this response about correction -- the paragraph [0023] of Description of this application -- "-- various embodiments are mounted so that a situation can be perceived by a zoom function, and usability and the magnification applied can depend for them on the property of the contents displayed. For example, when zoom is not possible for the contents currently displayed (for example, menu page), Or when dialog processing with the user who may be incorrect-interpreted as an elliptical orbit is included in contents in large quantities (for example, the form or the game which can be input), A zoom function does not need to be mounted. Based on the description " etc.. [Claim 1] The stage of determinina whether zoom beina possible for the

GD File Wrapper Coverage

Office	Documents in Global Dossier
EPO	Patent applications filed on or after 1 June 1978
JPO	Patent and utility model applications filed after 2003 PCT international applications entering the national phase in Japan after 2005
KIPO	Patent and utility model applications filed from January 2000 onwards
SIPO	Patent applications filed on or after 10 February 2010
USPTO	Patent applications filed from January 2003 onwards

Some Planned improvements for GD

Scope

>= 20 years duration of patent protection

Content

same as National online file wrapper

Timeliness

within one day of availability in online file wrapper

Response time / performance


similar to National online file wrapper

Availability

24 x 365

Global Dossier Service – European Patent Register

Direct access to JPO KIPO SIPO USPTO CIPO IB PCT file wrappers



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EP2570899

- About this file
- Legal status
- Federated register
- Event history

Patent family: EP2570899

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Type	Publication No.	Date	Type
<input checked="" type="checkbox"/> Equivalent	↗ CN102570899	2013	A
	Priority		
	CN201110289572	18.09.2011	
Type	Publication No.	Date	Type
<input checked="" type="checkbox"/> Equivalent	↗ EP2570899	20.03.2013	A2
	Priority number	Date	
	CN201110289572	18.09.2011	
Type	Publication No.	Date	Type
<input checked="" type="checkbox"/> Equivalent	↗ JP2013065009	11.04.2013	A
	Priority number	Date	
	CN201110289572	18.09.2011	

Patent family

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Refine search → Results → EP2570899 (A2) → Family

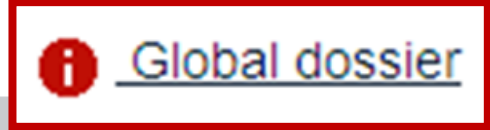
EP2570899 (A2)
Bibliographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC Inventor list

Family list: EP2570899 (A2) — 2013-03-20

Select all (0/7) Compact Export (CSV|XLS) Download covers CCD Print

1. Touch display device and a method of manufacturing the same

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
LEE YUH-WEN [TW]	TPK TOUCH SOLUTIONS XIAMEN INC [CN]	<u>G06F2203/04103</u> <u>G06F3/041</u> <u>Y10T156/10</u>	B32B7/12 G06F3/041	EP2570899 (A2) 2013-03-20 EP2570899 (A2)	2011-09-18



INPADOC patent family

Touch display device and manufacturing method thereof

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
LI YUWEN JIANG YAOCHEG (+2)	TPK TOUCH SOLUTIONS XIAMEN INC	<u>G06F2203/04103</u> <u>G06F3/041</u> <u>Y10T156/10</u>	G06F3/041 G06F3/044 G06F3/045	CN102999200 (A) 2013-03-27 Global Dossier	2011-09-18

Global Dossier Service



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European Patent Office
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European Patent Register

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Maintenance news

Temporary unavailability of Online Services on 26 May 2014

Owing to technical maintenance work EPO Online Services will be temporarily unavailable on **Monday, 26 May 2014 between 19:00 and 20:00hrs. CET.** We apologise for any inconvenience.

26.05.2014

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Related links +

EPO Global Dossier

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Date	Action
24.04.2014	Nth Office Action (ORIGINAL)
24.04.2014	Nth Office Action (TRANSLATED)
01.11.2013	First Office Action (TRANSLATED)
24.10.2013	First search (ORIGINAL)
27.03.2013	Invention Publication (ORIGINAL)



中华人民共和国国家知识产权局

361009
福建省厦门市火炬高新区信息光电园观海路199号研发七部
邵珊

发文日:

申请号或专利号: 201110289572.2

发文序号:

申请人或专利权人: 厦门科技厦门有限公司

发明创造名称: 触控显示装置及其制造方法

第二次审查意见通知书

1. 审查员已经收到申请人于2013年04月15日提交的意见陈述书, 在此基础上审查员对上述专利申请继续进行实质审查。
 根据国家知识产权局专利审查委员会于_____年_____月_____日作出的复审决定, 审查员对上述专利申请继续进行实质审查。


2. 经审查, 申请人于_____提交的修改文件, 不符合专利法实施细则第51条第3款的规定, 不予接受。
 3. 继续审查是针对下列申请文件进行的:
 上述意见陈述书中所附的经修改的申请文件。
 前次审查意见通知书所针对的申请文件以及上述意见陈述书中所附的经修改的申请文件替换文件。
 前次审查意见通知书所针对的申请文件。
 上述复审决定所确定的申请文件。

4. 本通知书未引用新的对比文件。

本通知书引用下列对比文件(其编号续前, 并在今后的审查过程中继续沿用):

编号	文件号或名称	公开日期 (或优先权日的申请日)
3	US 20101344301	20100603

5. 审查的结论性意见:
 关于说明书;
 申请的内容属于专利



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361009
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邵珊

Issuing Date:

Application No. or Publication No. 201110289572.2

Issue No.:

Application or Patente: Great mansion letter science and technology (Xiamen) Co., Ltd

Title of Invention: Touch-control display unit and manufacturing approach

The Second Office Action

1. The examiner has already received the observation submitted by the applicant on 2013-05-15. based on this, the examiner continues the substantive examination for aforesaid application for a patent for invention.
 In accordance with the recommendation decision of the Patent Examination Board of the State Intellectual Property Office on _____, the examiner continues the substantive examination for aforesaid application for a patent for invention.

2. Upon examination, the amendment submitted by the applicant on _____ shall not be accepted for not in conformity with Rule 51.3 of the Implementing Regulations of the Patent Law.
 3. Continuation of the examination is performed on the basis of the following applicant documents:
 Amended application documents attached to the aforesaid observation.
 Application documents to which the last Office Action is directed and replacement sheets of the amended application documents attached to the aforesaid observation.
 Application documents to which the last Office Action is directed.
 Application documents confirmed by the aforesaid reexamination decision.

4. This Office Action does not refer to any new reference documents.
 The following reference documents are cited in this Office Action (the serial number(s) of which is numbered as before, and it will be used in follow-on examination):

No.	Document number or Document title	publication date for application date of the conflicting
3	US 20101344301	20100603

5. Conclusive opinions of the examination:

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UNITED STATES OF AMERICA	04-02-1947	11 425 603	167 530 941	27 200 065
JAPAN	09-11-1965	5 071 602	19 816 033	453 775
WIPO	19-10-1978	3 294 659	16 312 310	4 346 752
CHINA	02-06-2010	2 924 018	14 126 563	1 705 684
EUROPEAN PATENT OFFICE	20-12-1978	2 592 831	10 235 245	3 335 114
GERMANY	18-09-1943	1 819 664	6 894 561	755 340
KOREA	07-01-2006	906 244	2 766 266	80 953
FRANCE	29-08-1969	666 441	2 497 330	306 360
GREAT BRITAIN	04-01-1979	573 139	2 315 470	104 202
AUSTRALIA	18-03-1971	388 841	987 570	84 435

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Classifications & fields searched

#	CC	Cat.	Citation details	Claims
1	JP		Application N° JP20140018261 (JP2014018261) - 3 February 2014	
			National Search Report	
			JP2008072673 A (RICOH KK) - 27 March 2008	
			WO2005024616 A1 (MATSUSHITA ELECTRIC IND CO LTD [JP], et al) - 17 March 2005	
			US2004027395 A1 (IBM [US]) - 12 February 2004	
			US2008092081 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) - 17 April 2008	
			National Examination	
			JPH11149563 A (SHARP KK) - 2 June 1999	
			JP2004028678 A (KENWOOD CORP) - 29 January 2004	
			JPH07121291 A (TOSHIBA CORP) - 12 May 1995	
			JP2002311820 A (FUJITSU TEN LTD) - 25 October 2002	
			JP2002244813 A (SONY CORP) - 30 August 2002	
			US2004027395 A1 (IBM [US]) - 12 February 2004	
			US2008092081 A1 (SAMSUNG ELECTRONICS CO LTD [KR]) - 17 April 2008	
			JP2008072673 A (RICOH KK) - 27 March 2008	
			WO2005024616 A1 (MATSUSHITA ELECTRIC IND CO LTD [JP], et al) - 17 March 2005	
2	JP		Application N° JP2012051510 (JP201251510) - 10 June 2010	
			National Examination	
			US2004027395 A1 (IBM [US]) - 12 February 2004	
			JP2004070654 A (MATSUSHITA ELECTRIC IND CO LTD) - 4 March 2004	
			JP2002222034 A (KOMATSU SHINICHI) - 9 August 2002	
			JP2004013545 A (SONY CORP) - 15 January 2004	
			JP2008072673 A (RICOH KK) - 27 March 2008	
			WO2005024616 A1 (MATSUSHITA ELECTRIC IND CO LTD [JP], et al) - 17 March 2005	
3	KR		Application N° KR20127000764 (KR1020127000764) - 10 June 2010	
			National Examination	
			KR20090011367 A (MELFAS INC [KR]) - 2 February 2009	
4	CN		Application N° CN2010825842 (CN2010800258422) - 10 June 2010	
5	US		Application N° US20090482158 (US12482158) - 10 June 2009	
			National Search Report	
			US2004027395 A1 (IBM [US]) - 12 February 2004	

US2007037611 (US20090482158) WO2007149357 (US20090482158) KR20090011367 (KR20127000764) US2010156806 (US20090482158) US2010156806 (US20090482158) KR20127000764 CN2010825842 EP20100740043 WO20101038207

2007 Q2 Q3 Q4 2008 Q2 Q3 Q4 2010 Q2 Q3 Q4 2011

Application JP20140018261

Biblio Description Claims Original document

Full document: JP 2014102850 (A)

JP 2014-102850 A 2014.6.5

(19) 日本国特許庁(JP) (25) 公開特許公報(A) (31) 特許庁登録番号
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G06F 3/048 (2012.01)	G06F 3/048 656A	G5555
G06F 3/048 (2012.01)	G06F 3/048 650	
G06F 3/048 (2012.01)	G06F 3/048 650L	
G06F 3/041 (2008.01)	G06F 3/041 380L	

審査請求 有 請求項の数 6 項 O L (全 34 頁)

(21) 出願番号	特許2014-18261 (JP2014-18261)	(71) 出願人	02736828 タテヤマ、インコーポレイテッド
(22) 出願日	平成26年2月5日 (2014.2.5)	(72) 発明者	サミュエル・ジェイ・ホロデツキー サムエル・ジェイ・ホロデツキー サムエル・ジェイ・ホロデツキー サムエル・ジェイ・ホロデツキー
(62) 優先権の表示	特許2012-51510 (JP2012-51510)	(74) 代理人	100105322 弁護士 村山 博彦
優先権主張日	平成24年6月10日 (2010.6.10)	(74) 代理人	100105322 弁護士 黒田 晋平
(31) 優先権主張番号	12/482,158	(74) 代理人	100105322 弁護士 黒田 晋平
(32) 優先日	平成21年6月10日 (2009.6.10)	(74) 代理人	100105322 弁護士 黒田 晋平
(33) 優先権主張国	米国 (US)	(74) 代理人	100105322 弁護士 黒田 晋平

(54) 【発明の名称】 連続的なズーム機能を提供するユーザーインターフェイスの方法

(57) 【要約】
【課題】 コンピューティングデバイスに表示された画像を連続的にズームまたは拡大するための効率的なユーザーインターフェイスを提供する方法及びデバイス。
【解決手段】 ユーザーは、タッチスクリーン、タッチパッド、またはマウスなどのユーザーインターフェイスデバイスを使用して、視覚領域の上及び/またはその下を移動することによって、ズームイン機能またはズームアウト機能を起動することができる。ズーム機能は、タッチスクリーンまたはタッチパッドが触れられている、またはマウスボタンが押下され、視覚領域がなされる限り継続する。ズームインまたは拡大の率は、右側の軌道をなせる動作に応じて連続的に適用することができ、ズームアウトまたは縮小の率は、左側の軌道をなせる動作に応じて画像に適用することができる。または逆も可能である。ズーム機能を実行するために従うことができる視覚的な補助をディスプレイに表示することができる。
【選択図】 図7

Application JP20140018261

Biblio Description Claims Original document

Bibliographic data: JP 2014102850 (A)

User interface methods providing continuous zoom functionality

Publication date: 5 June 2014

Inventor(s): SAMUEL J HORODEZKY; KAM-CHEONG ANTHONY TSOI

Applicant(s): QUALCOMM INC

Classifications: International: G06F3/048; G06F3/041; G06F3/0487; G06F3/0488
Cooperative: G06F3/0481; G06F3/0483; G06F2203/04806

Application number: JP20140018261 20140203

Priority number(s): US20090482158 20090610

Abstract of JP 2014102850 (A)

PROBLEM TO BE SOLVED: To provide methods and devices that provide an efficient user interface for providing continuous zoom or magnification of an image displayed on a computing device. SOLUTION: A user may initiate a zoom-in or zoom-out function by tracing an ellipsoidal shape (e.g., a circle) using a user interface device, such as a touchscreen, touchpad or mouse. The zoom function continues so long as a touchscreen or touchpad are touched, or a mouse button is depressed, and an ellipsoidal path is traced. A zoom-in or magnification scaling factor may be applied to an image in response to a clockwise path trace action, and a zoom-out or demagnification scaling factor may be applied to an image in response to a counterclockwise path trace action, or vice versa. A visual aid may be presented on the display that may be followed to conduct the zoom function.

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Patents cited in the search report

1. Sequences for detection and identification of methicillin-resistant *Staphylococcus aureus* (MRSA)

★	Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
	HULETSKY ANN [CA] GIROUX RICHARD [CA]	GENEOHM SCIENCES, INC	<u>C12Q1/689</u> <u>C12Q2600/156</u>	C07H21/04 C12Q1/68	US2007082340 (A1) 2007-04-12 US7838221 (B2) 2010-11-23	2005-10-11

2. Method and kit for detecting methicillin-resistant *Staphylococcus aureus*

★	Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
	MATSUNAGA HIRONARI [JP] TSUKUMO KENICHI [JP] (+2)	WAKUNAGA SEIYAKU KK [JP]	<u>C12Q1/689</u> <u>Y10S435/81</u> <u>Y10S435/883</u>	C12Q1/68 (IPC1-7):C07H 21/04 C12N15/00 (+2)	US5702895 (A) 1997-12-30	1995-01-19

3. Method for the detection of methicillin resistant *Staphylococci*

★	Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
	HIRAMATSU KEIICHI [JP] ITO TERUYO [JP] (+3)	KAINOS LAB INC [JP]	<u>C12Q1/689</u>	C12N15/09 C12Q1/68 G01N33/569 (+2)	EP0887424 (A2) 1998-12-30 EP0887424 (A4) 2003-05-02 EP0887424 (B1) 2006-01-11	1996-02-23

Literature cited in the search report

4. New real-time PCR assay for rapid detection of methicillin-resistant *Staphylococcus aureus* directly from specimens containing a mixture of staphylococci

★	Author:	Publication data:	CPC:	Source information:	Publication info:
	HULETSKY A ET AL	JOURNAL OF CLINICAL MICROBIOLOGY, 20040501 American Society for Microbiology, US		Vol:42,Nr:5,Page(s):1875 - 1884	XP003003502

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New Real-Time PCR Assay for Rapid Detection of Methicillin- Resistant *Staphylococcus aureus* Directly from Specimens Containing a Mixture of Staphylococci

A. Huletsky^{1,2}, R. Giroux¹, V. Rossbach¹, M. Gagnon¹, M. Vaillancourt¹, M. Bernier¹, F. Gagnon¹, K. Truchon³, M. Bastien¹, F. J. Picard¹, A. van Belkum⁴, M. Ouellette^{1,2}, P. H. Roy^{1,5} and M. G. Bergeron^{1,2,*}

Author Affiliations

ABSTRACT

Molecular methods for the rapid identification of methicillin-resistant *Staphylococcus aureus* (MRSA) are generally based on the detection of an *S. aureus*-specific gene target and the *mecA* gene. However, such methods cannot be applied for the direct detection of MRSA from nonsterile specimens such as nasal samples without the previous isolation, capture, or enrichment of MRSA because these samples often contain both coagulase-negative staphylococci (CoNS) and *S. aureus*, either of which can carry *mecA*. In this study, we describe a real-time multiplex PCR assay which allows the detection of MRSA directly from clinical specimens containing a mixture of staphylococci in <1 h. Five primers specific to the different staphylococcal cassette chromosome *mec* (SCC*mec*) right extremity sequences, including three new sequences, were used in combination with a primer and three molecular beacon probes specific to the *S. aureus* chromosomal *orfX* gene sequences located to the right of the SCC*mec* integration site. Of the 1,657 MRSA isolates tested, 1,636 (98.7%) were detected with the PCR assay, whereas 26 of 569 (4.6%) methicillin-susceptible *S. aureus* (MSSA) strains were misidentified as MRSA. None of the 62 nonstaphylococcal bacterial species or the 212 methicillin-resistant or 74 methicillin-susceptible CoNS strains (MRCoNS and MSCoNS, respectively) were detected by the assay. The amplification of MRSA was not inhibited in the presence of high copy numbers of MSSA, MRCoNS, or MSCoNS. The analytical sensitivity of the PCR assay, as evaluated with MRSA-negative nasal specimens containing a mixture of MSSA, MRCoNS, and MSCoNS spiked with MRSA, was ~25 CFU per nasal sample. This real-time PCR assay represents a rapid and powerful method which can be used for the detection of MRSA directly from specimens containing a mixture of staphylococci.

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04
J. Clin. Microbiol. May 2004 vol.
42 no. 5 1875-1884

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1. Zahnfrontverblendungskörper

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
	LAMPL STEPHAN [CH]		A61C13/00 A61C13/087 A61C5/00 (+3)	AT13375 (U1) 2013-11-15	2011-06-29

2. Prepolymerized filler in dental restorative composite

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
ANGELETAKIS CHRISTOS [US] NGUYEN MINH-DANG SON [US] (+1)	KERR CORP [US]	A61K6/0073 A61K6/0088 A61K6/0091 (+3)	A61K6/083 (IPC1-7):A61K6 /08 C08J3/00 (+2)	US2003032693 (A1) 2003-02-13 US6890968 (B2) 2005-05-10	2001-05-16

3. A portable folding workstation

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
BODY MERVYN ROY [GB] BODY JANET ANN [GB]	BODY MERVYN ROY [GB] BODY JANET ANN [GB]	A47B23/042 A47B23/043 A47B97/08	A47B23/04 A47B97/08 (IPC1-7):A47B2 7/00 (+1)	GB2355650 (A) 2001-05-02 GB2355650 (B) 2004-04-28	1999-10-25

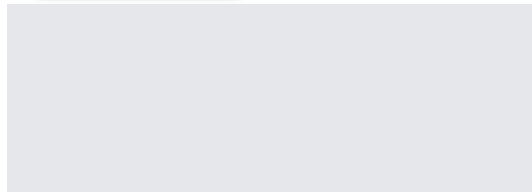
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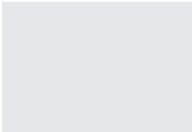


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★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] DOLINGER DAVID L [US] (+2)	INTELLIGENT MEDICAL DEVICES INC [US]	C12Q1/689		EP2473630 (A2) 2012-07-11	2009-09-04	
2. OPTIMIZED PROBES AND PRIMERS AND METHODS OF USING SAME FOR THE DETECTION, SCREENING, ISOLATION AND SEQUENCING OF MRSA, MSSA, STAPHYLOCOCCUS MARKERS AND THE ANTIBIOTIC RESISTANCE GENE mecA						
★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] ZHENG CHUNYANG [CN] (+6)	INTELLIGENT MEDICAL DEVICES INC [US]	C07H21/00 C07H21/04 C12Q1/689		EP2473639 (A2) 2012-07-11	2009-09-04	
3. OPTIMIZED PROBES AND PRIMERS AND METHODS OF USING SAME FOR THE DETECTION, SCREENING, ISOLATION AND SEQUENCING OF VANCOMYCIN RESISTANCE GENES AND VANCOMYCIN RESISTANT ENTEROCOCCI						
★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] DOLINGER DAVID L [US] (+2)	INTELLIGENT MEDICAL DEVICES INC [US]	C12Q1/689	US7074598 B2 US8114601 B2 US8182996 B2 WO2007023461 A2	US2011200995 (A1) 2011-08-18	2009-09-04	
4. OPTIMIZED PROBES AND PRIMERS AND METHODS OF USING SAME FOR THE DETECTION, SCREENING, ISOLATING AND SEQUENCING OF MRSA, MSSA STAPHYLOCOCCUS MARKERS, AND THE ANTIBIOTIC RESISTANCE GENE MEC A						
★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] ZHENG CHUNYANG [CN] (+6)	REISKE HEINZ R [US] ZHENG CHUNYANG [CN] (+7)	C07H21/00 C07H21/04 C12Q1/689	US7449289 B2 WO02099034 A2 WO9950389 A1	US2011306510 (A1) 2011-12-15	2009-09-04	
5. OPTIMIZED PROBES AND PRIMERS AND METHODS OF USING SAME FOR THE DETECTION, SCREENING, ISOLATION AND SEQUENCING OF VANCOMYCIN RESISTANCE GENES AND VANCOMYCIN RESISTANT ENTEROCOCCI						
★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] DOLINGER DAVID L [US] (+2)	INTELLIGENT MEDICAL DEVICES INC [US] REISKE HEINZ R [US] (+3)	C12Q1/689	FR2668489 A1 FR2699537 A1 US2003049636 A1 US2004185478 A1 US2005058985 A1 (+15)	WO2011029034 (A2) 2011-03-10 WO2011029034 (A3) 2011-09-29	2009-09-04	
6. OPTIMIZED PROBES AND PRIMERS AND METHODS OF USING SAME FOR THE DETECTION, SCREENING, ISOLATION AND SEQUENCING OF MRSA, MSSA, STAPHYLOCOCCUS MARKERS AND THE ANTIBIOTIC RESISTANCE GENE MEC A						
★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:	
REISKE HEINZ R [US] ZHENG CHUNYANG [CN] (+6)	INTELLIGENT MEDICAL DEVICES INC [US] REISKE HEINZ R [US] (+7)	C07H21/00 C07H21/04 C12Q1/689	DE10117857 A1 EP1770171 A1 WO2005014857 A1 WO2007023461 A2 WO2008129428 A2 (+2)	WO2012047189 (A2) 2012-04-12 WO2012047189 (A3) 2013-10-03	2009-09-04	

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Number: examples: EP1612402, US2006000447A1, JP20090214944

CN2012841409

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2 CN Application N° CN2012841409 (CN2012800414097) - 14 May 2012

National Search Report

A	WO9323232 A1 (MAUSER WERKE GMBH [DE], et al) - 25 November 1993	
A	CN101868341 A (KRONES AG) - 20 October 2010	
X	US4365950 A (CONTINENTAL GROUP) - 28 December 1982	
A	CN102107524 A (KRONES AG) - 29 June 2011	
A	US5975881 A (MAUSER WERKE GMBH [DE]) - 2 November 1999	

3 DE Application N° DE20111079077 (DE102011079077) - 13 July 2011

National Search Report

EP1226017	X	US5975881 A (MAUSER WERKE GMBH [DE]) - 2 November 1999	1,2
EP1226017	I	* column 5, line 45 - column 7, line 29; figures 2 - 4 *	3-17
EP1535719			
DE2000742			

4 EP Application N° EP20120720212 (EP12720212.5) - 14 May 2012

5 WO Application N° WO2012EP58898 (WOEP2012/058898) - 14 May 2012

International Search Report

X	US5975881 A (MAUSER WERKE GMBH [DE]) - 2 November 1999	1,2
I	* column 5, line 45 - column 7, line 29; figures 2 - 4 *	3-17
X	WO9323232 A1 (MAUSER WERKE GMBH [DE], et al) - 25 November 1993	1,2
I	* figure - *	3-17
X	DE19912116 A1 (KAUTEX MASCHINENBAU GMBH [DE]) - 21 September 2000	1,2
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X	EP1060865 A2 (FISCHER W MUELLER BLASFORMTECH [DE]) - 20 December 2000	1,2
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A	EP1226017 B1 (SIG CORPOPLAST GMBH & CO KG [DE]) - 29 March 2006	1-17
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A	US3415916 A (EMERY I. VALYI) - 10 December 1968	1-17
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Classifications & fields searched

#	CC	Cat.	Citation details	Claims
1	US		Application N° US201113339552 (US13339552) - 29 December 2011 National Search Report US4262495 A (BOEING CO) - 21 April 1981 US5036678 A (GEN ELECTRIC [US]) - 6 August 1991 US2004144096 A1 (WOLLENWEBER GARY CRAIG, , et al) - 29 July 2004	
2	US		Application N° US20060389711 (US11389711) - 27 March 2006 National Search Report US6704625 B2 (HAMILTON SUNDSTRAND CORP [US]) - 9 March 2004 US6868664 B2 (UNITED TECHNOLOGIES CORP [US]) - 22 March 2005 US2004144096 A1 (WOLLENWEBER GARY CRAIG, , et al) - 29 July 2004 US5036678 A (GEN ELECTRIC [US]) - 6 August 1991 US6283410 B1 (HAMILTON SUNDSTRAND CORP [US]) - 4 September 2001 US6634596 B2 (ALBERO JOSE, , et al) - 21 October 2003	
3	GB		Application N° GB20070005666 (GB0705666) - 23 March 2007 National Search Report GB2074654 A (ROLLS ROYCE) - 4 November 1981 GB2127492 A (ROCKWELL INTERNATIONAL CORP) - 11 April 1984 US2004168427 A1 (TRUCO JOHN B, , et al) - 2 September 2004 US2005210863 A1 (GENERAL ELECTRIC COMPANY) - 29 September 2005 GB2074654 A (ROLLS ROYCE) - 4 November 1981 GB2127492 A (ROCKWELL INTERNATIONAL CORP) - 11 April 1984 US2004168427 A1 (TRUCO JOHN B, , et al) - 2 September 2004 US2005210863 A1 (GENERAL ELECTRIC COMPANY) - 29 September 2005	
4	FR		Application N° FR20070053930 (FR0753930) - 20 March 2007	
5	CA		Application N° CA20072581822 (CA002581822) - 15 March 2007	

Simple families: 1 Total family members: 5

On-going developments

- USPTO: **unpublished** classification and citation provision
- SIPO, JPO, KIPO: Provision of **enriched** citations
- USPTO: 2001-2011 “A” publication citations were included in 2015
 - 2 million** citing documents
 - 40 million** us publications cited
 - 20% increase in US collection

In a Nutshell...

IP5 GD Service:

All the **file wrappers** from one place

IP5 CCD Service:

All the **citations** in one place

CONCLUSION -

ALL!

“[The Global Dossier] will allow users to efficiently access all available information about all applications and patents in the participating offices, and to utilize the electronic services of the offices.”

Thank you !