



Topic 7: Retrieval of Examination Work Products

Lutz Mailänder

Head, International Cooperation on Examination and Training Section

Harare
September 20, 2017

Agenda

- Further retrieval options
 - USPTO Global Dossier
 - WIPO CASE
- Further retrieval options citations

Further secondary access platforms

"One-stop shop" file inspection platforms:

- Global Dossier (= IP5 One Portal Dossier)
 - Access to all communications between offices/examiners and applicants for IP5 Offices (EPO, JPO, KIPO, SIPO, USPTO) & WIPO
 - “On the fly”, i.e. up-to-date
 - Access to dossiers of WIPO CASE (AU, CA, IL already now, more in future)
 - Accessible through
 - links in Espacenet, EP-Register
 - Stand alone USPTO Global Dossier website

- WIPO CASE
 - Access to IP5 file wrappers (integration of Global Dossier)
 - Plus (currently) GB, CA, AU, IL, SG

Global Dossier in Espacenet


Family list: KR20090079203 (A) — 2009-07-21

Select all (0/21)  Compact  Export (CSV | XLS)  Download covers  CCD  Print

21 application(s) for: KR20090079203 (A)

Sort by  Sort order  show citations

1. SECURE UNIVERSAL TRANSACTION SYSTEM

★ Inventor: FRANCHI JOHN FRANCO [US]	Applicant: FRANCHI JOHN FRANCO [US]	CPC: <u>G06F21/32</u> <u>G06F21/34</u> <u>G06Q20/12</u> (+2)	IPC: G06K7/00 G06K9/00	Publication info: KR20090079203 (A) 2009-07-21  <u>Global Dossier</u>	Priority date: 2006-09-18
---------------------------------------------------	--------------------------------------------------	---------------------------------------------------------------------------------	-------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------

2. Secure transaction system

★ Inventor: FRANCHI JOHN FRANCO [GB]	Applicant: FRANCHI JOHN FRANCO [GB]	CPC: <u>G06F21/32</u> <u>G06F21/34</u> <u>G06Q20/12</u> (+2)	IPC: (IPC1-7): G05B19/00	Publication info: AR062800 (A1) 2008-12-03	Priority date: 2006-09-18
---------------------------------------------------	--------------------------------------------------	---------------------------------------------------------------------------------	---------------------------------------	---------------------------------------------------------	-------------------------------------

Global Dossier links in EP-Register

← About European Patent Register Other EPO online services ▾

Register Alert login

Smart search

Advanced search

Help

EP2570899

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: EP2570899

 Refine search

↓ ST36


↗ Espacenet

 Submit observations

 Report error

 Print

Type


 Equivalent

Publication No.

Date

Type

↗ [US2013069890](#)

 [Global dossier](#)

21.03.2013

A1


Priority number

Date

CN201110289572

18.09.2011

Type


 Equivalent

Publication No.

Date

Type

↗ [KR101452954B](#)

 [Global dossier](#)

21.10.2014

B1

KR20130030721

27.03.2013

A


Priority number

Date

CN201110289572

18.09.2011

Type


 Equivalent

Publication No.

Date

Type

↗ [JP5686777B](#)

 [Global dossier](#)

18.03.2015

B2

Global Dossier at USPTO



Global Dossier

Office: WIPO Type: PCT Application Search: PCT/US2014/052705 Collections: 0 History: 1

PCT/US2014/052705 12 Members in Patent Family (12 currently shown)

Office	Application	Applicant	Title	App. Date	Priority #	Pub. #	Pub. Date	Action
PE	0002862016			08/26/2014	US 61870089	PE 03542016 A1	05/11/2016	
MX	20160024				US PCT/US14/52705 US 61870089	MX 2016002410 A	05/31/2016	
EA	20169047				US PCT/US14/52705 US 61870089	EA 201690475 A1	06/30/2016	
AR	P1401002			08/26/2014	US 61870089	AR 097461 A1	03/16/2016	
+ AU	2014311324 View Dossier	1) Red Leaf Resources, Inc.,	Gas transport composite barrier	08/26/2014	US PCT/US14/52705 US 61870089	AU 2014311324 A1 AU 2014311324 B2	04/07/2016 11/10/2016	(2) Add to ★
AP	201609052			08/26/2014	US PCT/US14/52705 US 61870089	AP 201609052 D0	02/29/2016	
+ US	14469062 View Dossier	1) Patten, James W. 2) Bunger, James W. 3) Seely, Dan	GAS TRANSPORT COMPOSITE BARRIER	08/26/2014	US 61870089 US 14469062	US 20150053269 A1	02/26/2015	(1) Add to ★
CA	2922019			08/26/2014	US PCT/US14/52705 US 61870089	CA 2922019 A1	03/05/2015	

"+" indicates that AU dossier is accessible

- IP Office Type
- All IP5 Offices
 - EPO
 - SIPO
 - KIPO
 - JPO
 - USPTO
 - Non-IP5 Offices

WIPO CASE

Family table

WIPO CASE

Application Number

PCT/US2014/052705

Extended

Simple

e.g.: (IL224004, GB1108683.2)

Compare

Maximize

Close all tabs

PCTUS2014052705

Time Line **Tabular View** Family Citations Discussion

Application/Priority #	Filing/National Entry Date	Publications	PCT Application #
ARP140103202	2014-08-26	AR 097461.A1.2016-03-16	
US61/870,089	2013-08-26		
AU2014311324	2014-08-26	AU 2014311324.B2.2016-11-10 , AU 2014311324.A1.2016-04-07	PCT/US2014/052705.
US61/870,089	2013-08-26		
PCT/US2014/052705	2014-08-26	WO 2015/091250.A1.2015-02-05	
US61/870,089	2013-08-26		
CN201480046997.2	2014-08-26	CN 105492095.A.2016-04-13	PCT/US2014/052705.
US61/870,089	2013-08-26		
MY2016700460	2014-08-26	MY PI 2016700460.A.2015-02-26	PCT/US2014/052705.2014-08-26
US61/870,089	2013-08-26		
MX2016002410	2016-02-24	MX 2016002410.A.2016-05-31	
US61/870,089	2013-08-26		
IN6520/MUMNP/2016	2016-02-25	IN 201627006520.A.2016-07-22	PCT/US2014/052705.2014-08-26
US61/870,089	2013-08-26		

AU family member

WIPO CASE

WIPO CASE

Application Number *

PCT/US2014/052705

Extended

Simple

e.g.: (PCT/JP2013/081486, PCT/US2013/071150)

Compare

Maximize

Close all tabs

PCTUS2014052705 x

AU2014311324 x

AU dossier

Document List

Document Name	Date	Pages/Size	<input type="checkbox"/>				
CORRO OUT	2016-10-28	0.2 MB	<input type="checkbox"/>				
CLAIM	2016-10-27	0.12 MB	<input type="checkbox"/>				
DESCRIPTION	2016-10-27	1.47 MB	<input type="checkbox"/>				
AMENDMENT	2016-10-18	1.49 MB	<input type="checkbox"/>				
AMENDMENT	2016-10-18	0.89 MB	<input type="checkbox"/>				
AMENDMENT	2016-10-18	0.65 MB	<input type="checkbox"/>				
AMENDMENT	2016-10-18	0.5 MB	<input type="checkbox"/>				



View 1 - 16 of 16

Bibliographic Data

Citation Data

Australian Register AusPat

Application Details

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2014311324
: Gas transport composite barrier

▸ Bibliographic data

▸ Specification/e-Register

▾ eDossier

<u>Document Date</u>	<u>Document Title</u>	<u>Document Type</u>	<u>Document Status</u>	<u>File Size (KB)</u>	<input type="checkbox"/>
2017-02-23	 Standard Patent Certificate 23-02-2017	CORRO OUT	FILED	1260	<input type="checkbox"/>
2017-02-23	 Standard Patent Notice of Grant 23-02-2017	CORRO OUT	FILED	129	<input type="checkbox"/>
2017-01-03	Cover Sheet Patent ITP Payment 03-01-2017 SGBI-0001149186	OTHER	FILED	3	
2017-01-03	SPEO-0002145542 - Main Document	CORRO IN	FILED	10	
2016-10-31	ITP	CORRO OUT	FILED	120	
2016-10-31	ITP	CORRO OUT	FILED	120	
2016-10-28	 Notice of Acceptance and Bibliographic Attachment 28-10-2016	CORRO OUT	FILED	207	<input type="checkbox"/>

Common Citation Document (CCD)

<http://ccd.fiveipoffices.org/CCD-2.1.6/>

Hide CCD Double Viewer View Citations

CCD View

Compact view Sort by country Filter (1) Classifications & fields searched

#	CC	Cat.	Citation details	Claims
1	EP		Application N° EP04425475 (EP20040425475) - 30 June 2004 National Search Report	
X			DE4310984 A1 (REXROTH MANNESMANN GMBH [DE]) - 6 October 1994 Column 4, line 31 - column 5, line 54 Figure 1	1-5,13 6
Y			W00111227 A1 (SIEMENS AG [DE], et al) - 15 February 2001 Page 7, line 9 - page 9, line 3 Figure 1 Claim 17	6 1
A			EP0740068 A2 (LUCAS IND PLC [GB]) - 30 October 1996 Column 4, line 27 - column 5, line 13 Figure 2	1
A			US6257499 B1 (STURMAN ODED E) - 10 July 2001 Column 4, line 49 - column 5, line 23 Figure 4	1
2	AT		Application N° AT05425384 (AT20050425384T) - 27 May 2005	
3	AT		Application N° AT05425383 (AT20050425383T) - 27 May 2005	
4	DE		Application N° DE602004004254 (DE200460004254T) - 30 June 2004	
5	DE		Application N° DE602005000662 (DE200560000662T) - 27 May 2005	
6	DE		Application N° DE602005003175 (DE200560003175T) - 27 May 2005	
7	EP		Application N° EP05425384 (EP20050425384) - 27 May 2005 National Search Report	

Simple families: 5 Total family members: 23

Inspector: biblio for EP20040425475

Bibliographic data: EP 1612403 (A1)

Servo valve for controlling an internal combustion engine fuel injector

Publication date: 4 January 2006

Inventor(s): RICCO MARIO [IT]; DE MATTHAEIS SISTO LUIGI [IT]; GORGGLIONE ADRIANO [IT]; DI MEO ALFONSO [IT]

Applicant(s): FIAT RICERCHE [IT]

Classifications: International: F02M59/46; F02M47/02

European: F02M47/02D; F02M63/00E2B; F02M63/00E4C; F02M63/00E4D

Application number: EP20040425475 20040630

Priority number(s): EP20040425475 20040630

Abstract of EP 1612403 (A1)

A control servo valve (8) is housed inside the casing of an internal combustion engine fuel injector (1), and has an actuator chamber (13) communicating with a fuel inlet (5) and with a fuel outlet passage (22), and a shutter (35) interposed between the actuator (9) and the control chamber (13). The outlet passage (22) comes out through an outer lateral surface (30) of the axial rod (29) and the shutter (35) is defined by a sleeve which slides axially on the outer lateral surface (30), and, in the closed position, closes the outlet passage (22) so as to be subjected to a zero axial resultant force by the pressure of the fuel.

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CCD View

Expand view Sort by country Filter (1) Classifications & fields searched

#	CC	Cat.	Citation details	Claims
7	EP		Application N° EP05425384 (EP20050425384) - 27 May 2005	
8	ES		Application N° ES04425475 (ES20040425475T) - 30 June 2004	
9	ES		Application N° ES05425384 (ES20050425384T) - 27 May 2005	
10	JP		Application N° JP2005192051 (JP20050192051) - 30 June 2005	
11	JP		Application N° JP2005118446 (JP20050118446) - 15 April 2005	
12	US		Application N° US11112772 (US20050112772) - 21 April 2005	
13	US		Application N° US11741474 (US20070741474) - 27 April 2007	
14	US		Application N° US11171659 (US20050171659) - 30 June 2005	
15	EP		Application N° EP05425383 (EP20050425383) - 27 May 2005	
16	JP		Application N° JP2005191978 (JP20050191978) - 30 June 2005	
17	US		Application N° US11171658 (US20050171658) - 30 June 2005	
18	AT		Application N° AT06114551 (AT20060114551T) - 25 May 2006	
19	CN		Application N° CNA2006101639681 (CN20061163968) - 24 November 2006	
20	KR		Application N° KR1020060117230 (KR20060117230) - 24 November 2006	
21	EP		Application N° EP06114551 (EP20060114551) - 25 May 2006	
22	JP		Application N° JP2006147852 (JP20060147852) - 29 May 2006	
23	US		Application N° US11441643 (US200601441643) - 25 May 2006	

Simple families: 5 Total family members: 23

Inspector: biblio for EP20040425475

Bibliographic data: EP 1612403 (A1)

Servo valve for controlling an internal combustion engine fuel injector

Abstract of EP 1612403 (A1)

A control servo valve (8) is housed inside the casing of an internal combustion engine fuel injector (1), and has an actuator (9), a control chamber (13) communicating with a fuel inlet (5) and with a fuel outlet passage (22), and a shutter (35) interposed between the actuator (9) and the control chamber (13). The outlet passage (22) comes out through an outer lateral surface (30) of the axial rod (29) and the shutter (35) is defined by a sleeve which slides axially on the outer lateral surface (30), and, in the closed position, closes the outlet passage (22) so as to be subjected to a zero axial resultant force by the pressure of the fuel.

Bibliographic data: EP 1612403 (B1)

CCD: Access via Inpadoc family list

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Search Result list **★ My patents list (0)** Query history Settings Help

EP2570899 (A2) → US2013069890 (A1) → Family page 1

WO2011113363 (A1)

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

Family list: WO2011113363 (A1) — 2011-09-22

Select all (0/25) Compact Export (CSV | XLS) Download covers **CCD** Print

29 application(s) for: WO2011113363 (A1)

Sort by Priority date Sort order Descending Sort show citations

1. **AGOMELATINE HYDROBROMIDE HYDRATE AND PREPARATION THEREOF**

★ Inventor:	Applicant:	CPC:	Citations:	Publication
SHAN HANBIN [CN] YUAN ZHEDONG [CN] (+4)	SERVIER LAB [FR] SHAN HANBIN [CN] (+5)	A61K31/165 C07C233/18	CN101481321 A CN101585779 A	WO201111 2011-09-22

2. **Agomelatine hydrobromide hydrate and preparation thereof**

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
ZHANG PENG [CN] ZHU XUEYAN [CN] (+1)	SERVIER LAB [FR]	A61K31/165 C07C233/18		AP3199 (A) 2015-03-31	2010-03-17

3. **Agomelatine hydrobromide hydrate and preparation thereof**

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
SHAN HANBIN [CN] YUAN ZHEDONG [CN] (+4)	SERVIER LAB	A61K31/165 C07C233/18	US2011313198 A1	AU2011229619 (A1) 2012-09-27 AU2011229619 (B2) 2014-05-22	2010-03-17

4. **AGOMELATINE HYDROBROMIDE HYDRATE AND PREPARATION THEREOF**

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
SHAN HANBIN [CN] YUAN ZHEDONG [CN] (+4)	SERVIER LAB [FR]	A61K31/165 C07C233/18		CA2792430 (A1) 2011-09-22 CA2792430 (C) 2015-12-08	2010-03-17

Quick help

- Can I export this list?
- What happens if I click on "Download covers"?
- Can I sort the list?
- What happens if I click on the star icon?
- What is a patent family?
- What happens if I tick the "show citations" box?
- What is an INPADOC patent family?
- Are all the documents in an INPADOC family equivalents?
- Why is the same document published several times in the same country?

Click loads simple family in new window

Sources of family information: CCD

The screenshot shows the Trilateral - CCD interface. At the top, the search bar contains the number **US6565803**, which is circled in red. Below the search bar, the main content area is divided into two panes. The left pane, titled "CCD Viewer", displays a table of family members. The right pane, titled "Inspector: classifications and fields searched", shows the classification details for the selected family member.

#	CC	Cat.	Citation details	Claims
1	US		Application N° US19990300325 (US09300325) - 27 April 1999	
2	AR		Application N° AR2000P102013 (ARP000102013) - 27 April 2000	
3	AU		Application N° AU20000044961D (AU4496100) - 27 April 2000	
4	BR		Application N° BR20000010600 (BR0010600-3) - 27 April 2000	
5	CA		Application N° CA20002372427 (CA002372427) - 27 April 2000	
6	CN		Application N° CN20008008324 (CN00808324) - 27 April 2000	
7	EP		Application N° EP20000926432 (EP00926432) - 27 April 2000	

The right pane shows the following classification details:

US
IPC **A61L2/10, C02F1/32**
UC 210/748.11, 422/23
EC A61L2/10, C02F1/32

CA
IPC **A61L2/10, C02F1/32**
EC A61L2/10, C02F1/32

CN
IPC **A61L2/10, C02F1/32**
EC A61L2/10, C02F1/32

EP
IPC **A61L2/10, C02F1/32**

At the bottom of the interface, there are two summary boxes: "Simple families: 3" and "Total family members: 7". A button labeled "Get all family members" is also visible.

Simple family ("equivalents")
Family members are identified through **application numbers**

Estimated number of simple families in extended family

Retrieve extended family

Simple families: 3

Get all family members

Number: EP1612402 Search

examples: EP1612402, US2006000447A1, JP20090214944

EP20040425480

Hide CCD viewer Double inspector Timeline

CCD Viewer [also published as]

Citations only view Compact view Sort by country Filter

#	CC	Cat.	Citation details	Claims
1	EP		Application N° EP20040425480 (EP04425480) - 30 June 2004 National Search Report	
	X	DE	DE10345154 A1 (DENSO CORP [JP]) - 22 April 2004 Page 3, paragraph 19 Figure 1	1-3
	X	US	US4501246 A (BOSCH GMBH ROBERT [DE]) - 26 February 1985 Column 2, line 22 - column 2, line 23 Figure 1	1-5
	X	EP	EP0270720 A1 (RENAULT [FR]) - 15 June 1988 Page 5, line 12 - page 6, line 5 Figure 1, 6	1, 4-8
	A	EP	EP0299337 A2 (IVECO FIAT [IT], et al) - 18 Jan 1988 Figure 1	
	A	DE	DE19714489 C1 (SIEMENS AG [DE]) - 1 October 1998 Figure 1	1-8
2	AT		Application N° AT20040425480T (AT04425480) - 30 June 2004	
3	DE		Application N° DE200460002105T (DE602004002105) - 30 June 2004	
4	ES		Application N° ES20040425480T (ES04425480) - 30 June 2004	
5	JP		Application N° JP20050120087 (JP2005120087) - 18 April 2005	
6	JP		Application N° JP20090214944 (JP2009214944) - 2009	

Enriched Citations of EPO

Domestic family of selected citation

PDF of selected citation

Citations of JPO

Full document: US 4501246 (A)

United States Patent and Trademark Office
Leblanc et al. [45] Date of Patent: 2/26/1985

[54] FUEL INJECTION PUMP
Jean Leblanc, Lyons, France
Robert Bosch GmbH, Stuttgart, Fed. Rep. of Germany
App. No.: 397,712
Filed: Jul. 13, 1982

[51] Int. Cl. F02M 39/00
[52] U.S. Cl. 123/449; 123/458; 417/487; 417/519

[58] Field of Search 417/487, 519, 221, 244, 417/253, 462, 505; 123/449, 450, 458, 502, 500, 506

[56] References Cited
U.S. PATENT DOCUMENTS
1937 Planiol 123/451
1944 Skaredoff 123/450
1968 Eheim et al. 123/449
1971 Voit et al. 417/505
1978 Hofer et al. 123/449
4,378,775 4/1983 Straubel et al. 123/458
4,382,751 5/1983 Potter 123/458 X
4,385,610 5/1983 Leblanc 123/449

ABSTRACT
A fuel injection pump is proposed for metering during the intake stroke of an internal combustion engine. The fuel injection pump is effectuated by means of a distributor shaft, which is electrically controlled switching means of the control of a fuel supply pressure conduit by means of a control valve which communicates with the pump and a distributor shaft, is guided by means of an oblique groove and the possibility of an angular displacement of the distributor shaft, is embodied in an arbitrary manner in a switching valve.

5 Claims, 2 Drawing

1/5 - ABSTRACT
2/5 - DRAWINGS
3/5
4/5 - DESCRIPTION
5/5 - CLAIMS
1/5 - ABSTRACT

CCD – citations only view

Shows for each citation the applications where the citation appears in the search report

This citation was seen by the EP, JP and US examiners

A box encircles language equivalents.

The DE publication is a German translations of the JP publication.

The screenshot displays the 'Trilateral - CCD' interface. At the top, the 'Number' field contains 'EP1612402'. Below it, a search bar shows 'EP20040425480'. The 'CCD Viewer' section is set to 'Citations only view'. The main area is a table with columns for 'Application', 'Cat.', 'Citation details', and 'Claims'. The table lists various citations, with 'EP20040425480' highlighted in blue. A yellow callout box points to this row, stating 'This citation was seen by the EP, JP and US examiners'. Another yellow callout box points to a row for 'JP2000130288 A (TOYOTA MOTOR CORP)', stating 'A box encircles language equivalents. The DE publication is a German translations of the JP publication.' To the right of the table, a detailed view of the selected citation is shown, including 'Bibliographic data: DE 10345154 (A1)', 'Hochdruck-kraftstoffpumpe für einen verbrennungsmotor', 'Publication date: 22 April 2004', 'Inventor(s): WATANABE TOSHIKAZU [JP]', 'Applicant(s): DENSO CORP [JP]', 'Classifications: International: F02M59/44; F02M59/06; F02M59/08; F02M59/20; F02M59/46; European: F02M59/08; F02M59/20B; F02M59/46B', 'Application number: DE20031045154 20030929', and 'Priority number(s): JP20020286361 20020930'. Below this, a snippet of text is visible: 'Folglich kann die Erzeugung von ungleichmässiger Strömung um die Ventilkugel 15 verhindert werden und die Erzeugung von unnormalem Geräusch kann verhindert werden.'

Application	Cat.	Citation details	Claims
US20050095425		US6889656 B1 (BOSCH GMBH ROBERT [DE]) - 17 - 10 May 2005	
US20050095425		US6823845 B1 (BOSCH GMBH ROBERT [DE]) - 30 November 2004	
US20050095425		US6823845 B1 (BOSCH GMBH ROBERT [DE]) - 25 May 2004	
EP20040425480	X	DE10345154 A1 (DENSO CORP [JP]) - 22 April 2004 Page 3, paragraph 19 Figure 1	1-3
JP20090214944		JP2004124727 A (DENSO CORP) - 22 April 2004	
US20050095425		DE10345154 A1 (DENSO CORP [JP]) - 22 April 2004	
JP20090214944		JP2004011448 A (NIPPON SOKEN, et al) - 15 January 2004	
US20050095425		US6497216 B2 (BOSCH GMBH ROBERT [DE]) - 24 December 2002	
US20050095425		US6439199 B2 (BOSCH REXROTH CORP [US]) - 27 August 2002	
US20050095425		US6311674 B1 (DENSO CORP [US]) - 6 November 2001	
US20050095425		US6253734 B1 (BOSCH GMBH ROBERT [US]) - 3 July 2001	
US20050095425		US6234148 B1 (SIEMENS AG [US]) - 22 April 2001	
JP20090214944		JP2001107776 A (NISSAN MOTOR) - 17 July 2001	
JP20090214944		JP2000130288 A (TOYOTA MOTOR CORP) - 10 November 2000	
JP20090214944		JP11230005 A (NIPPON SOKEN, et al) - 10 November 2000	
JP20090214944		JP10299611 A (NIPPON SOKEN) - 10 November 2000	
EP20040425480	A	DE19714489 C1 (SIEMENS AG [DE]) - 1 December 1997 Figure 1	
US20050095425		DE19714489 C1 (SIEMENS AG [DE]) - 1 December 1997	
US20050095425		US5619970 A (LUCAS IND PLC [GB]) - 15 April 1997	
US20050095425		US4957084 A (BOSCH GMBH ROBERT [DE]) - 18 September 1990	
US20050095425		US4884545 A (IVECO FIAT [IT], et al) - 5 December 1989	
EP20040425480	A	EP0299337 A2 (IVECO FIAT [IT], et al) - 18 January 1989 Figure 1	1-8
US20050095425		EP0299337 A2 (IVECO FIAT [IT], et al) - 18 January 1989	

US citations in CCD

18 US

Application N°

US20070301700 (US12301700) - 22 May 2007

National Search Report

US2004127551 A1 (ZHANG KAI, , et al) - 1 July 2004

US6645528 B1 (ACUSPHERE INC [US]) - 11 November 2003

US5472954 A (CYCLOPS H F [IS])

24.11.2010

Bibliographic Data Sheet

US5472954 A (CYCLOPS H F [IS])

Applicant

24.11.2010

List of References cited by applicant and considered by examiner

US6645528 B1 (ACUSPHERE INC [US])

24.11.2010

Non-Final Rejection

US2004127551 A1 (ZHANG KAI, , et al)

24.11.2010

List of references cited by examiner

JP2001522816 A - 20 November 2001

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24.11.2010

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Y	US 6 128 039 A (CHEN DATONG [US] ET AL) 3 October 2000 (2000-10-03) * column 3, line 57 - column 4, line 28; figure 2 *	1,3-7	
Y	US 6 163 029 A (YAMADA SHINICHI [JP] ET AL) 19 December 2000 (2000-12-19) * column 15, line 30 - column 16, line 45; figures 2,15,16 *	1,3-7	
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E	WO 2009/131151 A1 (HAMAMATSU PHOTONICS KK [JP]; MORI HARUMICHI [JP]; KYUSHIMA RYUJI [JP];) 29 October 2009 (2009-10-29) * figure 12 *	1	

The present search report has been drawn up for all claims

Place of search: The Hague
Date of completion of the search: 23 March 2010
Examiner: Wulveryck, J

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L: document cited for other reasons
&: member of the same patent family, corresponding document

(12) **United States Patent**
Li et al.

(10) **Patent No.:** **US 8,296,619 B2**
(45) **Date of Patent:** **Oct. 23, 2012**

(54) **METHOD AND APPARATUS FOR INDICATING A TEMPORARY BLOCK FLOW TO WHICH A PIGGYBACKED ACK/NACK FIELD IS ADDRESSED**

(56) **References Cited**

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Primary Examiner — Scott Baderman

Assistant Examiner — Jeison C. Arcos

(75) Inventors: **Yan Li**, Center Valley, PA (US); **Stephen G. Dick**, Nesconset, NY (US); **Prabhakar R. Chitrapu**, Blue Bell, PA (US); **Marian Rudolf**, Vitre (FR); **Behrouz Aghili**, Melville, NY (US); **Khushali N. Manseta**, Yardley, PA (US)

(73) Assignee: **InterDigital Technology Corporation**, Wilmington, DE (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 981 days.

(21) Appl. No.: **12/106,138**

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Application Number
EP 09 16 8955

Application number

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Y	US 6 128 039 A (CHEN DATONG [US] ET AL) 3 October 2000 (2000-10-03) * column 3, line 57 - column 4, line 28; figure 2 *	1,3-7
Y	US 6 163 029 A (YAMADA SHINICHI [JP] ET AL) 19 December 2000 (2000-12-19) * column 15, line 30 - column 16, line 45; figures 2,15,16 *	1,3-7
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A,D	WO 2004/064168 A1 (SCHERRER INST PAUL [CH]; BROENNIMANN CHRISTIAN [CH]; SCHMITT BERND [CH]) 29 July 2004 (2004-07-29) * the whole document *	1-13
E	WO 2009/131151 A1 (HAMAMATSU PHOTONICS KK [JP]; MORI HARUMICHI [JP]; KYUSHIMA RYUJI [JP];) 29 October 2009 (2009-10-29) * figure 12 *	1
The present search report has been drawn up for all claims		
Place of search The Hague		Date of completion of the search 23 March 2010
		Examiner Wulveryck, J
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				11/689,638	COX ET AL.	
				Examiner	Art Unit	Page 1 of 1
				REGINA YOO	1773	
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04-28-2006	892	List of references cited by examiner	PRIOR ART	1	<input type="checkbox"/>
04-28-2006	FWCLM	Index of Claims	PROSECUTION	1	<input type="checkbox"/>

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US-PAIR: prior art tab

11/689,638 Heat Processing Systems, Apparatuses, and Methods for Collection and Disposal of Infectious and Medical Waste

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02-24-2011	892	List of references cited by examiner
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06-23-2009	892	List of references cited by examiner
06-23-2009	1449	List of References cited by applicant and considered by examiner
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Foreign Patent and Non-Patent Documents

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08-16-2010	NPL	Non Patent Literature
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09-12-2007	FOR	Foreign Reference
09-12-2007	FOR	Foreign Reference
09-12-2007	FOR	Foreign Reference



List of references cited by applicant

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US Final and Non-Final Rejections

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9. Claims 1, 8-10, 15-16, 34, 39-40, 42, 51, 63, 68, 69 and 79 are rejected under 35 U.S.C. 102(b) as being anticipated by Tibor (Tibor) (US Pub. No. 2004/0234117).

As per claim 1 Tibor discloses:


A secure universal transaction system, comprising: an operations source component, including a first biometric security component, a second security component, (page 33, the central system 12 can be remotely located from the electronic transaction stations location as the electronic transaction station, e.g., an in-store central processor a

'Claims 1, 8-10,... not novel in view of US2004023117A1'

US search reports in Global Dossier

17.11.2011	<u>List of References cited by applicant and considered by examiner</u>
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 17.11.2011	<u>Examiner's search strategy and results</u>
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International search citation

1. **Agomelatine halogen hydride complex and preparation thereof**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
PENG ZHANG [CN] HANBIN SHAN [CN] (+8)	SHANGHAI INST PHARM INDUSTRY [CN]	<u>C07C233/18</u>	C07C233/18	CN101481321 (A) 2009-07-15 CN101481321 (B) 2012-04-18	2009-02-27

2. **New crystal form of Agomelatine, preparation method and use thereof**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
HANBIN SHAN [CN] PENG ZHANG [CN] (+7)	SHANGHAI INST PHARM INDUSTRY [CN]	<u>A61K31/165</u> <u>C07C233/18</u>	A61K31/165 A61P1/00 A61P25/00 (+6)	CN101585779 (A) 2009-11-25 CN101585779 (B) 2014-04-02	2009-03-10

Patents cited by the applicant

3. **Agomelatine halogen hydride complex and preparation thereof**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
PENG ZHANG [CN] HANBIN SHAN [CN] (+8)	SHANGHAI INST PHARM INDUSTRY [CN]	<u>C07C233/18</u>	C07C233/18	CN101481321 (A) 2009-07-15 CN101481321 (B) 2012-04-18	2009-02-27

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29 application(s) for: WO2011113363 (A1)

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1. AGOMELATINE HYDROBROMIDE HYDRATE AND PREPARATION THEREOF

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
SHAN HANBIN [CN] YUAN ZHEDONG [CN] (+4)	SERVIER LAB [FR] SHAN HANBIN [CN] (+5)	A61K31/165 C07C233/18	CN101481321 A CN101585779 A (+5)	WO2011113363 (A1) 2011-09-22	2010-03-17

2. Agomelatine hydrobromide hadrate and preparation thereof

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
ZHANG PENG [CN] ZHU XUEYAN [CN] (+1)	SERVIER LAB [FR]	A61K31/165 C07C233/18		AP3199 (A) 2015-03-31	2010-03-17


3. Agomelatine hydrobromide hydrate and preparation thereof

★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
SHAN HANBIN YUAN ZHEDONG (+4)	SERVIER LAB	A61K31/165 C07C233/18	US2011313198 A1	AU2011229619 (A1) 2012-09-27 AU2011229619 (B2) 2014-05-22	2010-03-17

4. AGOMELATINE HYDROBROMIDE HYDRATE AND PREPARATION THEREOF


★ Inventor:	Applicant:	CPC:	Citations:	Publication info:	Priority date:
SHAN HANBIN [CN] YUAN ZHEDONG [CN] (+4)	SERVIER LAB [FR]	A61K31/165 C07C233/18		CA2792430 (A1) 2011-09-22 CA2792430 (C) 2015-12-08	2010-03-17

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<p>Type: Patent literature</p> <p>Publication No.: ↗ US2010302195 [A] (WANG WEN-CHUN [TW], et al) [A] 1,10 par. 0020 , fig. 5a</p>	<p>Type: Patent literature</p>

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[Y] ↗ [WO2011112447](#) (3M INNOVATIVE PROPERTIES CO [US], et al) [Y] 7-8,12-13 * page 11, lines 28-31 *;

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[P] ↗ [US2011234526](#) (MI DAVID [TW]) [P] * paragraph [0032]; figures 1B, 3, 4 * * paragraph [0040]; figures 3, 4 *;

[A] ↗ [US2010302195](#) (WANG WEN-CHUN [TW], et al) [A] 1,10 * paragraph [0020]; figure 5a *;

[A] ↗ [US2009185101](#) (MATSUHIRA TSUTOMU [JP], et al) [A] 2-3 * paragraphs [0039] , [0 44] , [0 46]; figures 1a-f, 2a *

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Farnham Surrey (GB)

Representative: **Stoole, Brian David et al Schlumberger Electronics (U.K.) Limited 124 Victoria Road Farnborough Hampshire GU14 7PW (GB)**

Non patent literature

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Publication number: **0 282 251 B1**

EUROPEAN PATENT SPECIFICATION

Date of publication of patent specification: 17.02.93
Application number: 8331967.2
Date of filing: 07.03.88

Fluid transducer.

Priority: 11.03.87 GB 8705757
Date of publication of application: 14.06.88 Bulletin 8537
Publication of the grant of the patent: 17.02.93 Bulletin 9397
Designated Contracting States: AT BE CH DE FR IT LI NL SE

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Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid (Art. 99(1) European patent convention).




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Third party observations

- Overview:

http://www.wipo.int/scp/en/revocation_mechanisms/third_party/index.html

- For PCT, possible according to Section 801ff of Administrative Instructions
- Searchable in Patentscope: TPO:(* to *)
- Retrievable through tab "Documents"

Search and Examination-Related Documents			
Date	Title	View	Download
26.05.2017	Third Party Observation 	PDF (2p.)	PDF (2p.), ZIP(XML + TIFFs)
26.05.2017	Additional comments submitted with observation	PDF (15p.)	PDF (15p.), ZIP(XML + TIFFs)
24.04.2017	Third Party Observation 	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
24.04.2017	Third Party Observation 	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)
16.03.2017	International Search Report	PDF (4p.)	PDF (4p.), ZIP(XML + TIFFs)
16.03.2017	Written Opinion of the International Search Authority	PDF (9p.)	PDF (9p.), ZIP(XML + TIFFs)
16.03.2017	Search Strategy	PDF (1p.)	PDF (1p.), ZIP(XML + TIFFs)

Third party observations

Applicant's or agent's file reference 16F064-PCT	
International application number PCT/JP2016/071237	International filing date (day/month/year) 20 Jul 2016 (20/07/2016)
Applicant (EN) HIROSHIMA UNIVERSITY (+1)	
Third party observation submitted by Anonymous	Observation submitted on behalf of
Date of submission(day/month/year) 17 Jun 2017 (17/06/2017)	Language of observation Japanese

Citation # 1(Periodical article) (# uploaded documents: 17)

Author: Tae Sub Park	Title of article: Targeted gene knockout in chickens mediated by TALENs	Title of Periodical: Proc Natl Acad Sci U S A.	Publication Date: 02 Sep 2014 (02/09/2014)
Issue Number of Periodical: 111	Publisher of Periodical:	Place of publication:	
Page range of article within periodical: 2716-12721	ISBN:	ISSN:	
DOI:			
Most relevant passages or drawings: p12719 Discussion		Relevant to Claims: 1-2, 4-17	
Brief explanation of relevance: Discussionには、TALENsのゲノム編集技術を用いて、アレルギーの原因であるovomucoidをノックアウトした卵作成が可能であることが開示され、さらにCRISPR-Casゲノム編集技術も利用可能であることが開示されている。従って、CRISPR-Casゲノム編集技術で鶏のovomucoid遺伝子をノックアウトすることは容易に思いつく(進歩性の否定)。			

Reference

Explanation

Google patents: Citations

Agomelatine hydrobromide hydrate and preparation thereof

Abstract

An agomelatine hydrobromide hydrate of formula (I), in which X is Br, preparation method and use thereof as well as pharmaceutical composition containing it are provided. The solubility of the agomelatine hydrobromide hydrate obtained by the present method is significantly higher than that of agomelatine. Therefore, it is more suitable for manufacturing pharmaceutical formulations. In addition, the product has higher stability and purity. The present product of high purity can be obtained through a simple process, rather than process with complicated steps.

Classifications

C07C233/18 Carboxylic acid amides having carbon atoms of carboxamide groups bound to hydrogen atoms or to acyclic carbon atoms having the nitrogen atom of at least one of the carboxamide groups bound to a carbon atom of a hydrocarbon radical substituted by singly-bound oxygen atoms with the substituted hydrocarbon radical bound to the nitrogen atom of the carboxamide group by an acyclic carbon atom having the carbon atom of the carboxamide group bound to a hydrogen atom or to a carbon atom of an acyclic saturated carbon skeleton

[View 1 more classifications](#)



WO2011113363A1

WO Application

Application number: PCT/CN2011/071912

Other languages: [French](#)

Inventor: [Hanbin Shan](#) , [Zhedong Yuan](#) , [Xueyan Zhu](#) , [Peng Zhang](#) , [Hongjuan Pan](#) , [Xiong Yu](#)

Original Assignee: [Les Laboratoires Servier](#)

Priority date: [2010-03-17](#)

Filing date: [2011-03-17](#)

Publication date: [2011-09-22](#)

Info: [Patent citations \(2\)](#), [Non-patent citations \(1\)](#), [Cited by \(4\)](#), [Also published as \(16\)](#), [Legal events](#), [Similar documents](#)

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