



Topic 7: **Databases for retrieving external examination results from other IPOs**

Lutz Mailänder
Head, Patent Information Section
Global IP Infrastructure Sector

Tokyo
27 November 2013

Agenda

- Opportunities through patent families
- Types of examination results
- Public resources for retrieval of examination results
 - Patentscope
 - US-PAIR
- Example [PCT/US2007/07071](#)

Opportunities through patent families

- If same or similar invention was **filed in several IPOs**
 - e.g. a PCT application entered several national phases, the results of substantive examination for these members of the patent family may be utilized
- Types of families
 - Simple family (**usually same invention**, most likely similar claims)
 - Extended family (at least similar invention, claims may differ)
 - Technical family
- Need for **databases** providing
 - Family information
 - National examination status, to check if examination is pending
 - National file inspection, to access examination reports, rejections


Retrieval options

- Request applicant to submit information; some legislations provide for a respective obligation
- Can you trust the applicant? Would he submit a rejection ?
- Active retrieval/checking by examiner, i.e.
 - **Research family information** and
 - **Check examination status** and
 - **Retrieve results** from online resources

Sources of family information

- Family information is built from priority data
 - EPO's INPADOC database is major source of such family information, publicly accessible through:
 - **EPO's CCD & Espacenet** (simple, extended, domestic families)
 - Other free patent information databases, like Depatisnet
 - Commercial databases, e.g.
 - Thomson/Derwent: WPI family
 - Questel/Orbit: Fampat family
 - CAS
- Using widely INPADOC data, additional sources, and applying proprietary family construction rules
- Family information includes only information on published family members!

Sources of family information



Europäisches Patentamt
 European Patent Office
 Office européen des brevets

Espacenet

Patent search

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

WO2007111918 (A2)	Bibliographic data: WO2007111918 (A2) — 2007-10-04
Bibliographic data	★ In my patents list ↗ EP Register → Report data error
Description	HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE
Claims	
Mosaics	
Original document	
Cited documents	
Citing documents	
INPADOC legal status	
INPADOC patent family	<div style="background-color: #e0f2f1; padding: 5px; display: inline-block; font-weight: bold; font-size: 1.2em;">Inpadoc family (extended)</div>

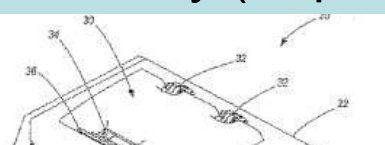
Page bookmark	WO2007111918 (A2) - HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE
Inventor(s):	
Applicant(s):	DIANE R [US] ±
Classification:	- international: A61B19/02 ; A61L11/00 ; A61M5/32 ; B09B3/00 - cooperative: A61B19/0288 ; A61L11/00 ; B09B3/0075 ; B09B3/0083 ; A61B2019/0213 ; A61B2019/0229 ; A61B2019/024 ; A61B2019/0294 ; A61B2019/0295 ; A61B2019/0296 ; A61M5/3278
Application number:	WO2007US07071 20070322
Priority number(s):	US20060785512P 20060323 ; US20060785548P 20060222
Also published as:	WO2007111918 (A3) → UY30238 (A1) US2007224077 (A1) TW200812650 (A) → PE12992007 (A1) → more


Abstract of WO2007111918 (A2)

Translate this text into patenttranslate powered by EPD and Google

Various embodiments of systems and methods for collection and disposal infectious and medical waste are disclosed. An embodiment includes a system with a body having a chamber that receives a container of medical waste. The chamber may include a canister that has limited access to the interior of the chamber for safe collection of sharps material. The chamber may have at least one plate heater coupled thereto for providing heat to the chamber and a plurality of fins on the chamber to assist in cooling the chamber.

Simple family (“equivalents”)





Espacenet: Extended (Inpadoc family)

Patentamt
European
Patent Office
Office européen
des brevets

Espacenet
Patent search

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

Welcome back to Espacenet. If some time has passed since your last access, you may experience reduced navigation until you repeat your query.

WO2007111918 (A2)

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

Family list: WO2007111918 (A2) — 2007-10-04

Select all (0/14) Compact Export (CSV | XLS) Download covers CCD Print

14 application(s) for: WO2007111918 (A2)

Sort by Priority date Sort order Descending Sort show citations

1. HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★	BIOMEDICAL TECHNOLOGY SOLUTION [US]	A61B19/0288 A61B2019/0213 A61B2019/0229 (+8)	(IPC1-7):A61L11/00	AR060092 (A1) 2008-05-21	2006-03-23

2. Heat processing systems, apparatuses, and methods for collection and disposal of infectious and medical waste

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:	
★	COX DONALD G GORDER DIANE R	BIOMEDICAL TECHNOLOGY SOLUTION	A61B19/0288 A61B2019/0213 A61B2019/0229 (+8)	A61B19/02 A61L11/00 A61M5/32 (+1)	AU2007231591 (A1) 2007-10-04	2006-03-23

3. HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE

Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:	
★	COX DONALD G [US] GORDER DIANE R [US]	BIOMEDICAL TECHNOLOGY SOLUTION [US]	A61B19/0288 A61B2019/0213 A61B2019/0229 (+8)	A61B19/02 A61L11/00 A61M5/32 (+1)	CA2646350 (A1) 2007-10-04	2006-03-23

4. Heat processing systems, apparatuses, and methods for collection and disposal of infectious and medical waste

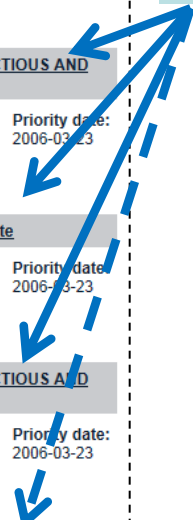
Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
★	BIOMEDICAL TECHNOLOGY SOLUTION [US]		A61L11/00	CN101448531 (A) 2009-06-03	2006-03-23

5. HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE

Quick help

- Can I export this list?
- What happens if I click on "Download covers"?
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- 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?

domestic families



Family information for WO2007US07071

- Extended (Inpadoc) family includes 14 domestic families
 - AR, AU, CA, CN, DO, EA, EP, JP, PE, TW, US, UY, WO, ZA
 - Only EA granted a patent (EA-B1 publication)

<input type="checkbox"/> 6. HEAT PROCESSING SYSTEMS, APPARATUSES AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE						
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:	
COX DONALD, G, GORDER DIANE, R	BIOMEDICAL TECHNOLOGY SOLUTIONS, INC	<u>A61B19/0288</u> <u>A61B2019/0213</u> <u>A61B2019/0229</u> (+8)	A61B19/02 A61L11/00 A61M5/32 (+1)	EA200802033 (A1) 2009-02-27 EA014731 (B1) 2011-02-28	2006-03-23	
<input type="checkbox"/> 7. HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE						
★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:	
COX DONALD G [US] GORDER DIANE R [US]	BIOMEDICAL TECHNOLOGY SOLUTION [US]	<u>A61B19/0288</u> <u>A61B2019/0213</u> <u>A61B2019/0229</u> (+8)	A61B19/02 A61L11/00 A61M5/32 (+1)	EP1996241 (A2) 2008-12-03	2006-03-23	

- Simple family does not include CN, ZA

Types of examination results

- Intermediary or **pre-grant** results
 - Search reports (basic; enriched, e.g. including search strategies)
 - Written opinions, examination reports
 - Communications between applicant and examiner
 - Third party observations
- **Final** results
 - Granted claims
 - Rejections; withdrawals following substantive reports
- **Post-grant** results
 - Additional prior art from opposition/re-examination
 - Amended claims
 - Communications between involved parties (3+)

Selected file inspection resources

- **Patentscope**

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

- **Public Pair (US)**

- <http://portal.uspto.gov/external/portal/pair>

- **European Patent Register (EP)**

- <https://register.epo.org/espacenet/regviewer>

- **Common Citation Document (Pilot)**

- <http://www.trilateral.net/ccd>

- **AIPN (JP)**

- <http://aipn.ipdl.inpit.go.jp/>

- **K-PION (KR)**

- <http://kposd.kipo.go.kr:8088/up/kpion/>

- **DPMAregister (DE)**

- <http://register.dpma.de/DPMAregister/Uebersicht?lang=en>

Overview of selected online resources

- Patentscope
 - WO applications: enriched search reports, examination reports, file wrapper, third party observations
- Public PAIR (US)
 - US applications: file wrapper with SR, ER, examination status
- European Patent Register (EP)
 - EP applications: enriched SR, ER, examination status, file wrapper
- Common Citation Document
 - Simple, extended families; SRs for EP, JP, US, WO,.....
- AIPN (JP)
 - See PPT by JPO
- DPMAregister (DE)
 - DE applications: SR, examination status (file wrapper from Q3/2013)

Patentscope


- Official publication platform of the PCT system
 - Patent documents
 - File inspection for international phase
 - International legal status
 - National phase entry data (only for selected IPOs contributing data)
- **No family information, no national phases file inspection**
- Includes also publications from other jurisdictions (ongoing gradual expansion)
- Broad range of search fields, e.g. PCT full text search, US full text
- Complex search queries
- Cross language search (CLIR): translation of search queries
- Translation interfaces for patent documents
- Visualization of statistical analysis of search results
- Filtering and relevance ranking of result list

Patentscope: simple search interface

The screenshot displays the WIPO Patentscope website. At the top left is the WIPO logo and the text "WORLD INTELLECTUAL PROPERTY ORGANIZATION". To the right, the word "PATENTSCOPE" is prominently displayed, followed by the tagline "Search International and National Patent Collections". A navigation bar contains links for "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". Below this, a breadcrumb trail reads "Home > IP Services > PATENTSCOPE". A blue button labeled "Simple Search" is circled in red. Below the button, a text block states: "Using PATENTSCOPE you can search 32.5 million patent documents including 2.2 million published international patent applications (PCT). Detailed coverage information can be found here (->)". The search interface includes a dropdown menu set to "Front Page", a search input field containing "WO2007111918", a "Search" button, and a "Office: All" filter. A notification box at the bottom left contains the text "National collection of Estonia now available."

Example: PCT/US2007/07071 = WO2007111918

Patentscope: "front page" (HTML)



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Home > IP Services > PATENTSCOPE

1. **(WO2007111918) HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE**

PCT Biblio. Data
Description
Claims
National Phase
Notices
Drawings
Documents

Latest bibliographic data on file with the International Bureau PermaLink

Pub. No.:	WO/2007/111918	International Application No.:	PCT/US2007/007071
Publication Date:	04.10.2007	International Filing Date:	22.03.2007
IPC:	A61L 11/00 (2006.01), A61B 19/02 (2006.01), A61M 5/32 (2006.01), B09B 3/00 (2006.01) ?		
Applicants:	BIOMEDICAL TECHNOLOGY SOLUTIONS, INC. [US/US]; 9800 Mt. Pyramid Ct., Suite 350, Englewood, Colorado 80112 (US) <i>(For All Designated States Except US)</i> . COX, Donald G. [US/US]; (US) <i>(For US Only)</i> . GORDER, Diane R. [US/US]; (US) <i>(For US Only)</i>		
Inventors:	COX, Donald G. ; (US). GORDER, Diane R. ; (US)		
Agent:	PRATT, John S. ; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, Georgia 30309 (US)		
Priority Data:	60/785,512 23.03.2006 US 60/785,548 23.03.2006 US		
Title	(EN) HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE (FR) SYSTEMES, APPAREILS ET PROCEDES DE TRAITEMENT THERMIQUE POUR LA COLLECTE ET L'ELIMINATION DE DECHETS INFECTIEUX ET MEDICAUX		
Abstract:	(EN) Various embodiments of systems and methods for collection and disposal of infectious and medical waste are		



Patentscope

Overview of basic bibliographic data ("HTML front page")

Patent documents & file inspection (access to PDFs of communications between IB and applicant)



National phase entry data, sometimes linked to national registers

Legal status, e.g. withdrawals during international phase

Patentscope: national phase data

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1. (WO2007111918) HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE


Office	Entry Date	National Number	National Status
Australia	16.09.2008	2007231591	Published: 09.10.2008
Canada	17.09.2008	2646350	
European Patent Office (EPO)	24.09.2008	2007753679	Published: 03.12.2008
India	19.09.2008	3822/KOLNP/2008	Published: 27.02.2009
Japan	22.09.2008	2009501550	

National phase application numbers
 Link to national register
 unlinked

US NPE?

Patentscope: PCT file inspection

2. (WO2007111918) HEAT PROCESSING SYSTEMS, APPARATUSES, AND METHODS FOR COLLECTION AND DISPOSAL OF INFECTIOUS AND MEDICAL WASTE

International Application Status 			
Date	Title	View	Download
17.11.2013	International Application Status Report	HTML, PDF	PDF, XML

Published International Application			
Date	Title	View	Download
04.10.2007	Initial Publication without ISR (A2 40/2007)	PDF (80p.)	PDF (80p.), ZIP(XML + TIFFs)
31.01.2008	Later publication of international search report (A3 05/2008)	PDF (7p.)	PDF (7p.), ZIP(XML + TIFFs)

Related Documents on file at the International Bureau			
Date	Title	View	Download
23.09.2008	(IB/373) International Preliminary Report on Patentability Chapter I	PDF (9p.)	PDF (9p.), ZIP(XML + TIFFs)
23.09.2008	Written Opinion of the International Search Authority	PDF (8p.)	PDF (8p.), ZIP(XML + TIFFs)
04.10.2007	(RO/101) Request form	PDF (4p.)	PDF (4p.), ZIP(XML + TIFFs)
04.10.2007	US 60/785,512 23.03.2006 (Pr. Doc.)	PDF (57p.)	
04.10.2007	US 60/785,548 23.03.2006 (Pr. Doc.)	PDF (51p.)	
04.10.2007	(IB/304) Notification Concerning Submission or Transmittal of Priority Document	PDF (1p.)	

Covers only
international phase

USPTO - PAIR

■ Patent Application Information Retrieval (PAIR)

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Patent eBusiness

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- Supplemental Resources & Support

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- Resources & Public Notices

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- Patent Official Gazette
- Search Patents & Applications
- Search Biological Sequences
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- Policy & Law
- Reports

Patent Application Information Retrieval

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Select New Case

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You may search for a specific application or conduct a search related to a customer number.

Search for Application:

Choose type of number:

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- Control Number *i*
- Patent Number *i*
- PCT Number (EXAMPLE: PCT/CCYY/99999 or PCT/CCYYY/999999) *i*
- Publication Number *i*

* Enter number:

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- Send general questions about USPTO programs to the [USPTO Contact Center \(UCC\)](#).
- If you experience technical difficulties or problems with this application, please report them via e-mail to [Electronic Business Support](#) or call 1 800-786-9199.

US-PAIR

- Only number search possible
- Various numbers, eg for [PCT/US2007/07071](#), search is possible for
 - US application number, e.g. [11/689,638](#)
 - US patent number (if granted; not the case for present example)
 - PCT application number, e.g. [PCT/US07/07071](#)
 - US application publication number, e.g. [2007-0224077](#)
- Different number formats possible, although not necessarily those used by other databases (e.g., publication numbers WO2007111918, or US20070224077A1 are not accepted); see examples on search interface

US-PAIR: overview of application data

Recent status

Patent Application Information Retrieval

Order Certified Application As Filed Order Certified File Wrapper View Order List

11/689,638 Heat Processing Systems, Apparatuses, and Methods for Collection and Disposal of Infectious and Medical Waste 57015-340945

Select New Case Application Data Transaction History Image File Wrapper Continuity Data Published Documents Address & Attorney/Agent Display References

Bibliographic Data

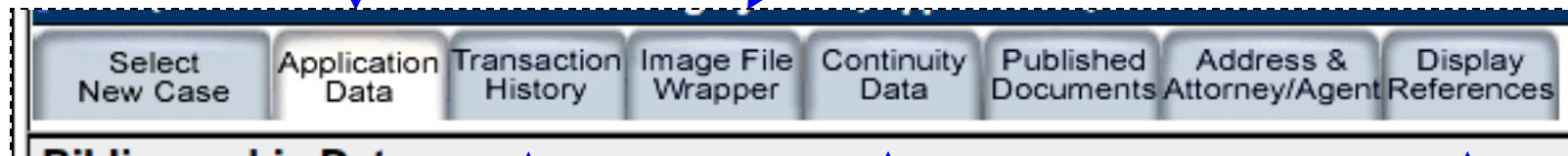
Application Number:	11/689,638	Customer Number:	-
Filing or 371 (c) Date:	03-22-2007	Status:	Abandoned -- Failure to Respond to an Office Action
Application Type:	Utility	Status Date:	05-29-2012
Examiner Name:	YOO, REGINA M	Location:	ELECTRONIC
Group Art Unit:	1775	Location Date:	-
Confirmation Number:	2270	Earliest Publication No:	US 2007-0224077 A1
Attorney Docket Number:	57015-340945	Earliest Publication Date:	09-27-2007
Class / Subclass:	422/001	Patent Number:	-
First Named Inventor:	Donald G. Cox , Franktown, CO (US) all Inventors	Issue Date of Patent:	-
First Named Applicant:	-	AIA (First Inventor to File):	No
Entity Status:	Small		

Title of Invention: Heat Processing Systems, Apparatuses, and Methods for Collection and Disposal of Infectious and Medical Waste

US-PAIR

Overview of basic bibliographic and status data

File inspection: access to PDFs of all communications between office and applicant



List of actions taken by USPTO or applicant

National family

Tables of prior art (search report)

US-PAIR: transaction history


11/689,638 Heat Processing Systems, Apparatuses, and Methods for Collection and

Select New Case Application Data **Transaction History** Image File Wrapper Continuity Data Published Documents Address & Attorney/Agent Display References

Date	Transaction Description
05-30-2012	Mail Abandonment for Failure to Respond to Office Action
05-29-2012	Aband. for Failure to Respond to O. A.
05-21-2012	Mail-Petition Decision - Granted
05-21-2012	Petition Decision - Granted
05-18-2012	Correspondence Address Change
05-11-2012	Petition Entered
01-31-2012	Mail-Petition Decision - Dismissed
01-31-2012	Petition Decision - Dismissed
01-23-2012	Petition Entered
10-26-2011	Electronic Review
10-26-2011	Email Notification
10-26-2011	Mail Non-Final Rejection
10-20-2011	Non-Final Rejection
08-31-2011	Date Forwarded to Examiner
08-24-2011	Request for Continued Examination (RCE)
08-31-2011	Disposal for a RCE / CPA / R129
08-24-2011	Request for Extension of Time - Granted
08-24-2011	Workflow - Request for RCE - Begin
04-12-2011	Case Docketed to Examiner in GAU
02-24-2011	Electronic Review
02-24-2011	Email Notification

Table of actions by office/examiner or applicant and related dates

US-PAIR: image file wrapper



Mail Room	Date	Document Code	Document Description	Document Category	Page Count	PDF
05-30-2012		ABN	Abandonment	PROSECUTION	2	<input type="checkbox"/>
05-21-2012		N570	Communication - Re: Power			
05-21-2012		PETDEC	Petition Decision			
05-21-2012		BIB	Bibliographic Data Sheet	PROSECUTION	1	<input type="checkbox"/>
05-11-2012		PET.POA.WDRW	Petition to withdraw attorney or agent (SB83)	PROSECUTION	4	<input type="checkbox"/>
05-11-2012		N417	EFS Acknowledgment Receipt	PROSECUTION	2	<input type="checkbox"/>
05-11-2012		TRAN.LET	Transmittal Letter	PROSECUTION	2	<input type="checkbox"/>
01-31-2012		PETDEC	Petition Decision	PROSECUTION	2	<input type="checkbox"/>
01-23-2012		PET.POA.WDRW	Petition to withdraw attorney or agent (SB83)	PROSECUTION	2	<input type="checkbox"/>
01-23-2012		N417	EFS Acknowledgment Receipt	PROSECUTION	2	<input type="checkbox"/>
10-26-2011		CTNF	Non-Final Rejection	PROSECUTION	5	<input type="checkbox"/>
10-26-2011		FWCLM	Index of Claims	PROSECUTION	1	<input type="checkbox"/>
08-24-2011		RCEX	Request for Continued Examination (RCE)	PROSECUTION	3	<input type="checkbox"/>
08-24-2011		WFEE	Fee Worksheet (SB06)	PROSECUTION	2	<input type="checkbox"/>
08-24-2011		N417	EFS Acknowledgment Receipt	PROSECUTION	2	<input type="checkbox"/>
08-24-2011		AMSB	Amendment Submitted/Entered with Filing of CPA/RCE	PROSECUTION	1	<input type="checkbox"/>
08-24-2011		CLM	Claims	PROSECUTION	4	<input type="checkbox"/>
08-24-2011		REM	Applicant Arguments/Remarks Made in an Amendment	PROSECUTION	3	<input type="checkbox"/>

Written opinion/examination report

Claims on which report is based

US-PAIR: sample PDF non final rejection

= "written opinion"

Office Action Summary	Application No. 11/689,638	Applicant(s) COX ET AL.	
	Examiner REGINA M. YOO	Art Unit 1775	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- 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 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). 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).

Status

1) Responsive to communication(s) filed on 24 August 2011.

2a) This action is **FINAL**. 2b) This action is non-final.

3) An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4) 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 *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5) Claim(s) 1,2,4,6,7,9,10 and 26-28 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) Claim(s) _____ is/are allowed.

US-PAIR: sample PDF non final rejection

application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/24/2011 has been entered.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1-2, 4, 6-7, 9-10 and 26-28 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the

US-PAIR: prior art

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

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Reference Forms

Mail Room Date	Document Code	Document Description
02-24-2011	892	List of references cited by examiner
09-16-2010	1449	List of References cited by applicant and considered by examiner
08-16-2010	IDS	Information Disclosure Statement (IDS) Form (SB08)
06-23-2009	892	List of references cited by examiner
06-23-2009	1449	List of References cited by applicant and considered by examiner
09-12-2007	IDS	Information Disclosure Statement (IDS) Form (SB08)

Foreign Patent and Non-Patent Documents

Mail Room Date	Document Code	Document Description
08-16-2010	NPL	Non Patent Literature
08-16-2010	NPL	Non Patent Literature
08-16-2010	NPL	Non Patent Literature
08-16-2010	NPL	Non Patent Literature
09-12-2007	FOR	Foreign Reference
09-12-2007	FOR	Foreign Reference
09-12-2007	FOR	Foreign Reference

US-PAIR: search report US examiner

Notice of References Cited				Application/Control No.	Applicant(s)/Patent Under Reexamination	
				11/689,638	COX ET AL.	
				Examiner	Art Unit	Page 1 of 1
				REGINA YOO	1773	
U.S. PATENT DOCUMENTS						
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
*	A	US-4,662,516 A	05-1987	Baker et al.	206/363	
*	B	US-5,003,892 A	04-1991	Bricken, Jonathan	110/346	
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				
FOREIGN PATENT DOCUMENTS						
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					

Search reports are **not enriched**, i.e. no X,Y,A; no references to claims, no references to pages, lines, drawings,..

US-PAIR: national family



11/689,638		Heat Processing Systems, Apparatuses, and Methods for Collection and Disposal of Infectious and Medical Waste				57015-340945		
Select New Case	Application Data	Transaction History	Image File Wrapper	Continuity Data	Published Documents	Address & Attorney/Agent	Display References	
Parent Continuity Data								
Description	Parent Number	Parent Filing or 371(c) Date	AIA(First Inventor to File)	Parent Status	Patent Number			
This application Claims Priority from Provisional Application	60/785,512	03-23-2006	-	Expired	-			
Claims Priority from Provisional Application	60/785,548	03-23-2006	-	Expired	-			
Child Continuity Data								
No Child Continuity Data Found								

US-PAIR: Types of examination results

- US specific terminology
- Retrievable as separate PDFs:
 - "Non final rejection" > preliminary written opinion
 - "Final rejection" > rejection ruling/decision
 - Search strategy
 - Prior art cited by examiner
 - Prior art cited by applicant (disclosure requirement)
 - Amended claims

Thank you

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