

## INTERNATIONAL SEARCH REPORT

International application No.

**PCT/KR2011/006861**

## A. CLASSIFICATION OF SUBJECT MATTER

**G21F 9/28(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G21F 9/28; B09C 1/06; C25C 7/00; B01D 35/06; B09C 1/02; B09C 1/00; B09C 1/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Utility models and applications for Utility models: IPC as above  
Japanese Utility models and applications for Utility models: IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS (KIPO internal) & Keywords: soil, current electricity, decontamination

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2009-0054087 A (KOREA ATOMIC ENERGY RESEARCH INSTITUTE et al.) 29 May 2009 See paragraphs [0013]-[0018], [0036], [0039], [0051], [0052], claims 1, 10, 11 and figures 2, 3.	1,2,5-8,19
Y		3,4,9-18
Y	KR 10-2003-0043126 A (KOREA HYDRO & NUCLEAR POWER CO., LTD et al.) 02 June 2003 See abstract, page 3, lines 28-48, claim 1 and figure 4.	3
Y	KR 10-2003-0029204 A (ECOPHILE CO., LTD.) 14 April 2003 See page 3, lines 17-37 and figure 1.	4
Y	KR 10-2009-0121840 A (KOREA ATOMIC ENERGY RESEARCH INSTITUTE et al.) 26 November 2009 See paragraphs [0025], [0036], [0037], claims 1, 6 figure 1a.	9-16
Y	KR 10-2004-0015855 A (KIM, SOO SAM et al.) 21 February 2004 See page 4, lines 13-21, claim 1 and figure 1.	17,18
A	JP 11-511808 A (-) 12 October 1999 See abstract and calim 1	1-19



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

29 MAY 2012 (29.05.2012)

Date of mailing of the international search report

**30 MAY 2012 (30.05.2012)**

Name and mailing address of the ISA/KR

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

**PCT/KR2011/006861**

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-2009-0054087 A	29.05.2009	NONE	
KR 10-2003-0043126 A	02.06.2003	NONE	
KR 10-2003-0029204 A	14.04.2003	NONE	
KR 10-2009-0121840 A	26.11.2009	NONE	
KR 10-2004-0015855 A	21.02.2004	NONE	
JP 11-511808 A	12.10.1999	EP 0820537 A1	28.01.1998
		EP 0820537 A1	29.11.2000
		EP 0820537 A4	15.09.1999
		EP 0820537 B1	03.07.2002
		JP 04-128620 B2	30.07.2008
		JP 2007-326100 A	20.12.2007
		US 05614077 A	25.03.1997
		WO 96-32524 A1	17.10.1996