

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2013/009956**A. CLASSIFICATION OF SUBJECT MATTER*****C08L 101/00(2006.01)i, C08K 5/04(2006.01)i, C08L 81/06(2006.01)i, B01D 71/68(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)

C08L 101/00; B01D 71/00; B01D 69/00; C08K 5/04; C08L 81/06; B01D 71/68

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 above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal) & Keywords: microfiltration membrane, ultrafilter membrane, polymer resin, organic solvent, alkoxy, alcohol, sending, phase transition method.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2010-0136809 A (CHUNG AH FILTER LTD.) 29 December 2010	1,2,4-7
Y	See claims 1, 3, 5-8, 11 and 12 and pages 6-9.	8-18
A	See claims 5-8, 11 and 12 and pages 6-10.	3
Y	LEE, Jin Won et al., "Changes in Properties of Microfiltration Membrane for PES Water Treatment according to Spinning Pre-Treatment", 2012 The Membrane Society of Korea Spring Meeting (25-27 April 2012), Theories and Applications of Chemical Engineering, vol. 18, no. 1, p.1290, 2012 See abstract.	8-18
X	CHOI, Dong Ho et al., "Preparation of PES Microfiltration Membranes with 2-Buthoxyethanol", THE MEMBRANE SOCIETY OF KOREA, 2008 The Membrane Society of Korea Spring Meeting and Conference See the entire document.	1,2,4-7



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

"T" 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

"&" document member of the same patent family

Date of the actual completion of the international search

19 FEBRUARY 2014 (19.02.2014)

Date of mailing of the international search report

21 FEBRUARY 2014 (21.02.2014)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 189 Seonsa-ro, Daejeon 302-701,
Republic of Korea

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Authorized officer

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2013/009956

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-2010-0136809 A	29/12/2010	NONE	