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(54) Title: POLYAMIDE COMPOSITE MEMBRANE HAVING FOULING RESISTANCE AND CHLORINE RESISTANCE AND METHOD THEREOF

(57) Abstract: Provided is a method for preparing a polyamide composite membrane which comprises the steps of: forming a polyamide thin film on a porous supporting layer; coating or crosslinking the polyamide thin film surface with a solution of epoxy-silane compounds and drying the resulted membrane; and washing the dried membrane with a basic aqueous solution. Also provided is a polyamide composite membrane prepared thereby.



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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC⁸: **B32B 27/34** (2006.01); **C08J 5/22** (2006.01)

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)

IPC⁸: B32B, C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005/0282953 A1 (SIMENDINGER W.H. et al.), 22 December 2005 (22.12.2005) [0005], [0024], claims 1,2,5.	1 - 10
A	US 5484950 A1(CRIVELLO J.V.), 16 January 1996 (16.01.1996) Table 1 (XIV, XV, XVI,), table 2 (XXIV).	1 - 10
A	JP 2000/007993 A (KANSAI PAINT CO LTD), 11 January 2000 (11.01.2000) (abstract) World Patents Index[online][retrieved on 2010-05-14].Retrieved from EPO WPI/Thomson database, DW200013, AN.:2000-142795[13]. Abstract	1 - 10

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report			Publication date	Patent family member(s)			Publication date
US	A	2005282953		US	A1	2005282953	2005-12-22
US	A	5484950		US	A	5484950	1996-01-16
JP	A	2000007993		JP	A	2000007993	2000-01-11