

Title (en)
METHOD OF PRODUCING MEMBRANES FOR FILTRATION MODULES WHICH ARE INTENDED, FOR EXAMPLE, FOR WATER TREATMENT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MEMBRANEN FÜR FILTRATIONSMODULE, INSBESONDERE FÜR WASSERBEHANDLUNG

Title (fr)
PROCEDE DE FABRICATION DE MEMBRANES POUR MODULES DE FILTRATION, NOTAMMENT POUR LE TRAITEMENT DES EAUX

Publication
EP 1587608 A1 20051026 (FR)

Application
EP 04705103 A 20040126

Priority
• FR 2004000174 W 20040126
• FR 0301013 A 20030129

Abstract (en)
[origin: FR2850297A1] Production of membranes for nanofiltration, ultrafiltration or microfiltration modules comprises producing membrane comprising hydrophobic polymer blended or coated with hydrophilic polymer, contacting membrane with potassium, sodium or ammonium persulfate solution without heating, and crosslinking polymers at temperature above 60 degrees C by dipping membrane in a radical crosslinking agent.

IPC 1-7
B01D 67/00; **B01D 69/02**; **B01D 71/68**

IPC 8 full level
B01D 67/00 (2006.01); **B01D 69/02** (2006.01); **B01D 71/82** (2006.01)

CPC (source: EP KR US)
B01D 67/00 (2013.01 - KR); **B01D 67/0006** (2013.01 - EP US); **B01D 69/02** (2013.01 - EP KR US); **B01D 71/68** (2013.01 - EP KR US); **B01D 71/82** (2013.01 - EP US); **B01D 71/441** (2022.08 - EP KR US); **B01D 2323/081** (2022.08 - EP KR US); **B01D 2323/30** (2013.01 - EP US); **B01D 2325/36** (2013.01 - EP US); **B01D 2325/38** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2850297 A1 20040730; **FR 2850297 B1 20050415**; AU 2004217583 A1 20040916; CA 2514468 A1 20040916; CN 100342957 C 20071017; CN 1744940 A 20060308; DE 04705103 T1 20060413; EP 1587608 A1 20051026; ES 2249200 T1 20060401; JP 2006517469 A 20060727; KR 20060014364 A 20060215; US 2006228483 A1 20061012; WO 2004078327 A1 20040916

DOCDB simple family (application)
FR 0301013 A 20030129; AU 2004217583 A 20040126; CA 2514468 A 20040126; CN 200480003101 A 20040126; DE 04705103 T 20040126; EP 04705103 A 20040126; ES 04705103 T 20040126; FR 2004000174 W 20040126; JP 2006505661 A 20040126; KR 20057014080 A 20050729; US 54369304 A 20040126