

Title (en)

USE OF COPOLYMERS CONTAINING N-VINYL LACTAM FOR PRODUCING FUNCTIONALIZED MEMBRANES

Title (de)

VERWENDUNG VON N-VINYLLACTAM ENTHALTENDEN COPOLYMEREN ZUR HERSTELLUNG VON FUNKTIONALISIERTEN MEMBRANEN

Title (fr)

UTILISATION DE COPOLYMERES CONTENANT DU N-VINYLLACTAME POUR PRODUIRE DES MEMBRANES FONCTIONNALISEES

Publication

**EP 1667789 A2 20060614 (DE)**

Application

**EP 04765159 A 20040914**

Priority

- EP 2004010243 W 20040914
- DE 10343900 A 20030919

Abstract (en)

[origin: WO2005032701A2] The invention relates to the use of copolymers containing: a) 60 to 99 % by weight of at least one vinyl lactam or N-vinyl amine, selected from the group consisting of N-vinyl pyrrolidone, N-vinyl piperidone, N-vinyl caprolactam or N-vinyl formamide, and; b) 1 to 40 % by weight of at least one monomer of general formula (I).

IPC 1-7

**B01D 71/38; C08F 222/02**

IPC 8 full level

**B01D 71/38** (2006.01); **B01D 71/44** (2006.01); **C08F 222/02** (2006.01); **C08F 226/02** (2006.01); **C08F 226/06** (2006.01)

CPC (source: EP US)

**B01D 71/44** (2013.01 - EP); **B01D 71/441** (2022.08 - US); **B01D 71/76** (2013.01 - EP US); **C08F 226/02** (2013.01 - EP US);  
**C08F 226/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2005032701A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005032701 A2 20050414; WO 2005032701 A3 20050721**; CA 2537362 A1 20050414; DE 10343900 A1 20050421;  
EP 1667789 A2 20060614; US 2007056900 A1 20070315

DOCDB simple family (application)

**EP 2004010243 W 20040914**; CA 2537362 A 20040914; DE 10343900 A 20030919; EP 04765159 A 20040914; US 57193704 A 20040914