

Title (en)  
CROSSLINKED THREE-DIMENSIONAL POLYMER NETWORK, METHOD FOR PREPARING SAME, SUPPORT MATERIAL COMPRISING SAME AND USES THEREOF

Title (de)  
DREIDIMENSIONALES VERNETZTES POLYMERNETZWERK, VERFAHREN ZU DESSEN HERSTELLUNG, DIESES NETZWERK ENTHALTENDES TRÄGERMATERIAL UND SEINE VERWENDUNG

Title (fr)  
RESEAU POLYMERES TRIDIMENSIONNEL RETICULE, SON PROCEDE DE PREPARATION, MATERIAU SUPPORT COMPORTANT CE RESEAU ET LEURS UTILISATIONS

Publication  
**EP 1427525 A2 20040616 (FR)**

Application  
**EP 02799426 A 20020923**

Priority  
• FR 0203238 W 20020923  
• FR 0112208 A 20010921

Abstract (en)  
[origin: WO03026793A2] The invention concerns a crosslinked optically active three-dimensional polymer network, consisting of homochiral units of a first selector and of homochiral units of at least a second selector of different structure from the first selector, the homochiral units of the first selector comprising at least three polymerisable or crosslinkable functional groups and the homochiral units of the second selector comprising at least two polymerisable or crosslinkable functional groups, the homochiral groups being chemically mutually bound. The invention also concerns a method for making such a polymer network and its uses.

IPC 1-7  
**B01J 20/26**; **B01J 20/32**; **B01D 15/08**; **G01N 30/48**

IPC 8 full level  
**B01J 20/285** (2006.01); **B01D 15/08** (2006.01); **B01J 20/26** (2006.01); **B01J 20/281** (2006.01); **B01J 20/291** (2006.01); **B01J 20/32** (2006.01); **C08B 37/16** (2006.01); **G01N 30/88** (2006.01)

CPC (source: EP KR US)  
**B01D 15/3833** (2013.01 - EP US); **B01J 20/26** (2013.01 - KR); **B01J 20/267** (2013.01 - EP US); **B01J 20/286** (2013.01 - EP US); **B01J 20/29** (2013.01 - EP US); **B01J 20/3204** (2013.01 - EP US); **B01J 20/321** (2013.01 - EP US); **B01J 20/3274** (2013.01 - EP US); **B01J 20/3282** (2013.01 - EP US); **C08B 3/00** (2013.01 - KR); **C08B 37/0012** (2013.01 - KR); **B01J 2220/54** (2013.01 - EP US)

Citation (search report)  
See references of WO 03026793A2

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

DOCDB simple family (publication)  
**WO 03026793 A2 20030403**; **WO 03026793 A3 20031127**; AU 2002356790 B2 20080403; CN 1263540 C 20060712; CN 1575200 A 20050202; EP 1427525 A2 20040616; FR 2829947 A1 20030328; FR 2829947 B1 20041015; JP 2005503571 A 20050203; KR 100933866 B1 20091224; KR 20040076848 A 20040903; NO 20041627 L 20040621; US 2004260081 A1 20041223; US 7576034 B2 20090818

DOCDB simple family (application)  
**FR 0203238 W 20020923**; AU 2002356790 A 20020923; CN 02820851 A 20020923; EP 02799426 A 20020923; FR 0112208 A 20010921; JP 2003530420 A 20020923; KR 20047004009 A 20020923; NO 20041627 A 20040421; US 49035604 A 20040322