

Title (en)

HIGH INTERNAL PHASE EMULSIONS AND POROUS MATERIALS PREPARED THEREFROM

Title (de)

EMULSIONEN MIT GROSSER INNERER PHASE UND DARAUS HERGESTELLTE PORÖSE MATERIALIEN

Title (fr)

EMULSIONS A FORTE PHASE INTERNE ET MATIERES POREUSES PREPAREES A PARTIR DE CES EMULSIONS

Publication

**EP 1003788 A1 20000531 (EN)**

Application

**EP 98938468 A 19980810**

Priority

- US 9816596 W 19980810
- US 5585297 P 19970815
- US 9825998 A 19980616

Abstract (en)

[origin: WO9909070A1] A high internal phase emulsion having an emulsion stabilizing surfactant, one or more insoluble fillers, at least 70 volume percent of a discontinuous internal phase; and less than 30 volume percent of a continuous external phase containing one or more vinyl polymerizable monomer(s). Polymerizing the water-in-oil high internal phase emulsion produces an open-cell porous polymeric material having insoluble fillers incorporated into its polymeric backbone.

IPC 1-7

**C08F 2/32**; **C08F 2/44**; **C08J 9/28**; **B32B 5/18**

IPC 8 full level

**B32B 5/18** (2006.01); **C08F 2/32** (2006.01); **C08F 2/44** (2006.01); **C08J 9/28** (2006.01)

CPC (source: EP KR US)

**B32B 5/022** (2013.01 - US); **B32B 5/18** (2013.01 - EP KR US); **B32B 5/245** (2013.01 - US); **B32B 5/32** (2013.01 - US); **B32B 27/065** (2013.01 - US); **C08F 2/32** (2013.01 - EP KR); **C08F 2/44** (2013.01 - EP KR); **C08J 9/283** (2013.01 - EP KR); **B32B 2266/06** (2013.01 - US); **B32B 2305/022** (2013.01 - US); **B32B 2305/026** (2013.01 - US); **C08J 2201/028** (2013.01 - EP KR)

Citation (search report)

See references of WO 9909070A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9909070 A1 19990225**; AU 8699198 A 19990308; BR 9811303 A 20000829; CA 2296347 A1 19990225; CN 1265678 A 20000906; EP 1003788 A1 20000531; JP 2001515104 A 20010918; KR 20010022934 A 20010326

DOCDB simple family (application)

**US 9816596 W 19980810**; AU 8699198 A 19980810; BR 9811303 A 19980810; CA 2296347 A 19980810; CN 98807899 A 19980810; EP 98938468 A 19980810; JP 2000509747 A 19980810; KR 20007001539 A 20000215