

Title (en)

POLYMER DISPERSIONS FOR PREVENTING AND CONTROLLING FIRES WITH IMPROVED ENVIRONMENTAL COMPATIBILITY

Title (de)

POLYMERDISPERSIONEN ZUR FEUERVERHÜTUNG UND -BEKÄMPFUNG MIT VERBESSERTER UMWELTVERTRÄGLICHKEIT

Title (fr)

DISPERSIONS POLYMERES POUR LA PREVENTION ET LA LUTTE CONTRE LES INCENDIES, A IMPACT REDUIT SUR L'ENVIRONNEMENT

Publication

EP 1313532 B1 20040428 (DE)

Application

EP 01958055 A 20010806

Priority

- DE 10041395 A 20000823
- EP 0109057 W 20010806

Abstract (en)

[origin: WO0215982A1] The invention relates to a water-in-oil polymer dispersion, consisting of a continuous organic phase and cross-linked, water-swellable polymers finely divided therein and having a residual monomer content of smaller 1000 ppm. The invention further relates to a method for preparing the inventive polymer dispersions, to devices for preventing and controlling fires, and to the use of the inventive polymer dispersions.

IPC 1-7

A62D 1/00

IPC 8 full level

A62D 1/00 (2006.01); **C09K 23/52** (2022.01); **A62C 99/00** (2010.01)

CPC (source: EP US)

A62D 1/005 (2013.01 - EP US); **A62C 99/0009** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0215982 A1 20020228; AR 030474 A1 20030820; AT E265254 T1 20040515; AU 2001279805 B2 20051013; AU 7980501 A 20020304; DE 10041395 A1 20020307; DE 50102155 D1 20040603; EP 1313532 A1 20030528; EP 1313532 B1 20040428; ES 2220791 T3 20041216; PT 1313532 E 20040930; TR 200401706 T4 20040823; US 2004006175 A1 20040108; US 2008185160 A1 20080807; US 8475675 B2 20130702

DOCDB simple family (application)

EP 0109057 W 20010806; AR P010104027 A 20010823; AT 01958055 T 20010806; AU 2001279805 A 20010806; AU 7980501 A 20010806; DE 10041395 A 20000823; DE 50102155 T 20010806; EP 01958055 A 20010806; ES 01958055 T 20010806; PT 01958055 T 20010806; TR 200401706 T 20010806; US 37798003 A 20030227; US 4657408 A 20080312