

Title (en)

METHOD FOR PRODUCING LOW VISCOSITY POLYMER GELS

Title (de)

VERFAHREN ZUR HERSTELLUNG NIEDRIGVISKOSER POLYMERGELE

Title (fr)

PROCEDE POUR PRODUIRE DES GELS POLYMERES A FAIBLE VISCOSITE

Publication

**EP 1919568 B1 20111116 (DE)**

Application

**EP 06792750 A 20060809**

Priority

- EP 2006065173 W 20060809
- DE 102005039970 A 20050823

Abstract (en)

[origin: WO2007023088A1] The invention relates to a method for producing low viscosity polymergels by mixing a water-absorbing polymer with water. A chelating agent is added in order to reduce viscosity. The invention also relates to the use of said gel in fire fighting.

IPC 8 full level

**A62D 3/00** (2007.01); **A62D 1/00** (2006.01)

CPC (source: EP US)

**A62D 3/38** (2013.01 - EP US); **A62D 2101/02** (2013.01 - EP US); **A62D 2101/26** (2013.01 - EP US); **A62D 2101/28** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007023088 A1 20070301**; AT E533536 T1 20111215; AU 2006283918 A1 20070301; AU 2006283918 B2 20110714; CA 2622613 A1 20070301; CA 2622613 C 20140225; DE 102005039970 A1 20070308; EP 1919568 A1 20080514; EP 1919568 B1 20111116; US 2008210442 A1 20080904; US 2011237724 A1 20110929; US 8104542 B2 20120131

DOCDB simple family (application)

**EP 2006065173 W 20060809**; AT 06792750 T 20060809; AU 2006283918 A 20060809; CA 2622613 A 20060809; DE 102005039970 A 20050823; EP 06792750 A 20060809; US 201113157113 A 20110609; US 99794406 A 20060809