

Title (en)

ADDITIVE BUILDING MATERIAL MIXTURES COMPRISING SWELLABLE POLYMER STRUCTURES

Title (de)

ADDITIVE BAUSTOFFMISCHUNGEN MIT QUELLBAREN POLYMERGEBILDEN

Title (fr)

MÉLANGES DE MATÉRIAUX DE CONSTRUCTION ADDITIFS CONTENANT DES STRUCTURES POLYMÈRES GONFLABLES

Publication

EP 1991510 A2 20081119 (DE)

Application

EP 07704237 A 20070130

Priority

- EP 2007050885 W 20070130
- DE 102006009841 A 20060301

Abstract (en)

[origin: CN101028971A] The invention relates to the use of swellable polymer structures having bases, in hydraulically setting building material mixtures, for improving their freeze resistance and/or freeze-thaw resistance.

IPC 8 full level

C04B 24/26 (2006.01); **C04B 28/02** (2006.01)

CPC (source: EP KR US)

C04B 16/04 (2013.01 - EP US); **C04B 16/085** (2013.01 - EP US); **C04B 24/26** (2013.01 - EP KR US); **C04B 2103/0051** (2013.01 - EP US); **C04B 2111/29** (2013.01 - EP US)

Citation (search report)

See references of WO 2007099006A2

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)

DE 102006009841 A1 20070906; BR PI0708309 A2 20110524; CA 2643941 A1 20070907; CN 101028971 A 20070905; EP 1991510 A2 20081119; JP 2009528243 A 20090806; KR 20080102143 A 20081124; MX 2008011031 A 20080908; RU 2008138642 A 20100410; US 2007208109 A1 20070906; WO 2007099006 A2 20070907; WO 2007099006 A3 20071101

DOCDB simple family (application)

DE 102006009841 A 20060301; BR PI0708309 A 20070130; CA 2643941 A 20070130; CN 200610081745 A 20060510; EP 07704237 A 20070130; EP 2007050885 W 20070130; JP 2008556736 A 20070130; KR 20087021317 A 20080829; MX 2008011031 A 20070130; RU 2008138642 A 20070130; US 38780506 A 20060324