

Title (en)

USE OF WATER-SOLUBLE OR WATER-DISPERSIBLE POLYMERS AS ADDITIVES IN MINERAL BUILDING MATERIALS

Title (de)

VERWENDUNG WASSERLÖSLICHER ODER IN WASSER DISPERGIERBARER POLYMERISATE ALS ADDITIVE IN MINERALISCHEN BAUSTOFFEN

Title (fr)

UTILISATION DE POLYMERES SOLUBLES OU DISPERSIBLES DANS L'EAU COMME ADDITIFS DANS DES MATERIAUX DE CONSTRUCTION MINERAUX

Publication

EP 1720810 A1 20061115 (DE)

Application

EP 05707415 A 20050216

Priority

- EP 2005001536 W 20050216
- DE 102004008200 A 20040218

Abstract (en)

[origin: WO2005082803A1] The invention relates to the use of water-soluble or water-dispersible polymers as additives in mineral building materials. The inventive polymers are obtained by polymerization of the alkoxylated derivatives of 3-allyloxy-1,2-propanediol with ethylenically unsaturated monocarboxylic or dicarboxylic acids, the anhydrides, esters or mixtures thereof and optionally with one or more other ethylenically unsaturated monomers C.

IPC 8 full level

C04B 24/26 (2006.01); **C08F 290/14** (2006.01)

CPC (source: EP KR US)

C04B 24/00 (2013.01 - KR); **C04B 24/04** (2013.01 - KR); **C04B 24/24** (2013.01 - KR); **C04B 24/26** (2013.01 - EP KR US);
C04B 24/2647 (2013.01 - EP US); **C04B 24/2688** (2013.01 - EP US); **C04B 2103/408** (2013.01 - EP US)

Citation (search report)

See references of WO 2005082803A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004008200 A1 20050901; EP 1720810 A1 20061115; KR 20060125900 A 20061206; US 2009018240 A1 20090115;
WO 2005082803 A1 20050909

DOCDB simple family (application)

DE 102004008200 A 20040218; EP 05707415 A 20050216; EP 2005001536 W 20050216; KR 20067019002 A 20060915;
US 58819405 A 20050216