

Title (en)

HYDRAULIC SETTING MIXTURE FOR MATERIALS HAVING "EASY-TO-CLEAN" PROPERTIES

Title (de)

HYDRAULISCH ABBINDENDE MISCHUNG FÜR WERKSTOFFE MIT EASY-TO-CLEAN-EIGENSCHAFTEN

Title (fr)

MÉLANGE À PRISE HYDRAULIQUE POUR DES MATÉRIAUX AUX PROPRIÉTÉS D'ENTRETIEN FACILE

Publication

EP 2552852 A1 20130206 (DE)

Application

EP 11711341 A 20110330

Priority

- DE 102010029588 A 20100601
- DE 102010003589 A 20100401
- EP 2011054941 W 20110330

Abstract (en)

[origin: WO2011121032A1] The present invention relates to a hydraulically setting mixture comprising: a) 6% to 25% by weight of cement, b) 50% to 90% by weight of at least one aggregate, and c) 0.01% to 8% by weight of at least one fluoroorganyl-substituted silicon compound, and also to materials produced from this mixture, more particularly components, concrete articles or mouldings. The invention further relates to the use of a hydraulically setting mixture of the invention for producing materials, more particularly components, concrete articles or mouldings, for example as facing concrete, where the surface of the materials exhibits only relatively low soiling tendency ("easy-to-clean" property) even on abrasion.

IPC 8 full level

C04B 24/42 (2006.01); **C04B 28/02** (2006.01); **C04B 40/00** (2006.01)

CPC (source: EP KR US)

C04B 14/02 (2013.01 - KR); **C04B 24/005** (2013.01 - EP US); **C04B 24/42** (2013.01 - EP KR US); **C04B 26/30** (2013.01 - KR); **C04B 28/02** (2013.01 - EP KR US); **C04B 2111/203** (2013.01 - EP US); **C04B 2111/27** (2013.01 - EP US)

Citation (search report)

See references of WO 2011121038A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011121032 A1 20111006; CN 102906047 A 20130130; CN 102906047 B 20160824; CN 102971270 A 20130313; DK 2552853 T3 20200727; EP 2552852 A1 20130206; EP 2552853 A1 20130206; EP 2552853 B1 20200429; ES 2806128 T3 20210216; JP 2013523579 A 20130617; JP 2013523580 A 20130617; JP 5758979 B2 20150805; KR 20130021382 A 20130305; PL 2552853 T3 20201102; RU 2012146571 A 20140510; RU 2543756 C2 20150310; US 2013087080 A1 20130411; US 2013192494 A1 20130801; US 8679247 B2 20140325; US 9193628 B2 20151124; WO 2011121038 A1 20111006

DOCDB simple family (application)

EP 2011054922 W 20110330; CN 201180027076 A 20110330; CN 201180027129 A 20110330; DK 11711552 T 20110330; EP 11711341 A 20110330; EP 11711552 A 20110330; EP 2011054941 W 20110330; ES 11711552 T 20110330; JP 2013501832 A 20110330; JP 2013501834 A 20110330; KR 20127028574 A 20110330; PL 11711552 T 20110330; RU 2012146571 A 20110330; US 201113638619 A 20110330; US 201113638734 A 20110330