

Title (en)
PROCESS FOR PRODUCING HARDENING ACCELERATORS FOR MINERAL BINDER COMPOSITIONS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ERHÄRTUNGSBESCHLEUNIGERN FÜR MINERALISCHE BINDEMittelZUSAMMENSETZUNGEN

Title (fr)
PROCÉDÉ DE PRÉPARATION D'ACCÉLÉRATEURS DE DURCISSEMENT POUR DES COMPOSITIONS DE LIANTS MINÉRALES

Publication
EP 2788300 A1 20141015 (DE)

Application
EP 12795001 A 20121205

Priority

- EP 11191944 A 20111205
- EP 2012074501 W 20121205
- EP 12795001 A 20121205

Abstract (en)
[origin: WO2013083627A1] A process for preparing a setting and hardening accelerator for mineral binders comprises the following steps: a) reacting a calcium compound CV with a silicon compound SV, and b) adding an acidic compound having a molecular weight of not more than 200 g/mol, more particularly 40 - 100 g/mol.

IPC 8 full level
C04B 28/02 (2006.01); **C04B 40/00** (2006.01)

CPC (source: EP RU US)
C04B 12/04 (2013.01 - RU); **C04B 14/062** (2013.01 - RU); **C04B 22/085** (2013.01 - US); **C04B 22/126** (2013.01 - RU); **C04B 22/128** (2013.01 - RU); **C04B 28/02** (2013.01 - EP RU US); **C04B 28/04** (2013.01 - US); **C04B 40/0039** (2013.01 - EP US); **C04B 40/0042** (2013.01 - EP RU US); **C04B 2103/12** (2013.01 - EP US); **C04B 2103/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2013083627A1

Cited by
CN111499325A

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 2013083627 A1 20130613; BR 112014009938 A2 20170502; BR 112014009938 B1 20210126; CN 103906720 A 20140702; CN 103906720 B 20161214; CO 6970585 A2 20140613; EP 2788300 A1 20141015; RU 2014114177 A 20160210; RU 2617852 C2 20170428; RU 2617852 C9 20170830; US 2014305345 A1 20141016; US 9145335 B2 20150929

DOCDB simple family (application)
EP 2012074501 W 20121205; BR 112014009938 A 20121205; CN 201280052887 A 20121205; CO 14112302 A 20140526; EP 12795001 A 20121205; RU 2014114177 A 20121205; US 201214360052 A 20121205