

Title (en)
CONTROL OF TIME OF SETTING OF GEOPOLYMER COMPOSITIONS CONTAINING HIGH-CA REACTIVE ALUMINOSILICATE MATERIALS

Title (de)
KONTROLLE DER ABBINDEZEIT VON GEOPOLYMERZUSAMMENSETZUNGEN, DIE REAKTIVE ALUMINOSILIKATMATERIALIEN MIT HOHEM CA-GEHALT ENTHALTEN

Title (fr)
CONTRÔLE DU TEMPS DE PRISE DE COMPOSITIONS DE GÉOPOLYMÈRES CONTENANT DES MATÉRIAUX ALUMINOSILICATES RÉACTIFS À HAUTE TENEUR EN CA

Publication
EP 3724145 A1 20201021 (EN)

Application
EP 18889139 A 20181116

Priority
• US 201762599068 P 20171215
• US 201862703295 P 20180725
• US 201862721021 P 20180822
• IB 2018059056 W 20181116

Abstract (en)
[origin: WO2019116124A1] The present disclosure provides a geopolymer composition having a controllable setting time comprising: at least one reactive aluminosilicate; at least one retarder; and at least one alkali silicate activator solution.

IPC 8 full level
C04B 28/00 (2006.01); **C04B 14/04** (2006.01); **C04B 14/10** (2006.01); **C04B 18/08** (2006.01); **C04B 18/14** (2006.01); **C04B 20/00** (2006.01); **C04B 22/12** (2006.01); **C04B 103/22** (2006.01)

CPC (source: EP KR)
C04B 12/005 (2013.01 - EP); **C04B 14/041** (2013.01 - KR); **C04B 14/106** (2013.01 - KR); **C04B 18/08** (2013.01 - KR); **C04B 18/141** (2013.01 - KR); **C04B 20/008** (2013.01 - KR); **C04B 22/124** (2013.01 - KR); **C04B 28/006** (2013.01 - EP KR); **C04B 2103/0011** (2013.01 - EP); **C04B 2103/22** (2013.01 - KR); **Y02P 40/10** (2015.11 - EP); **Y02W 30/91** (2015.05 - EP)

C-Set (source: EP)
1. **C04B 28/006 + C04B 12/04 + C04B 14/106 + C04B 18/06 + C04B 18/08 + C04B 18/08 + C04B 18/141 + C04B 18/162 + C04B 22/0013 + C04B 22/062 + C04B 22/085 + C04B 22/14 + C04B 22/142**
2. **C04B 28/006 + C04B 12/04 + C04B 14/106 + C04B 18/06 + C04B 18/08 + C04B 18/08 + C04B 18/141 + C04B 18/162 + C04B 20/008 + C04B 22/062 + C04B 2103/20**

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019116124 A1 20190620; WO 2019116124 A4 20190808; AU 2018383125 A1 20200618; BR 112020011832 A2 20201124; BR 112020011832 B1 20240215; CA 3084903 A1 20190620; CN 111511699 A 20200807; EP 3724145 A1 20201021; EP 3724145 A4 20210818; JP 2021506708 A 20210222; JP 2023052648 A 20230411; JP 7296135 B2 20230622; KR 20200089335 A 20200724; MX 2020006076 A 20200824; RU 2020122769 A 20220117; RU 2020122769 A3 20220204

DOCDB simple family (application)
IB 2018059056 W 20181116; AU 2018383125 A 20181116; BR 112020011832 A 20181116; CA 3084903 A 20181116; CN 201880081079 A 20181116; EP 18889139 A 20181116; JP 2020531686 A 20181116; JP 2023010132 A 20230126; KR 20207019996 A 20181116; MX 2020006076 A 20181116; RU 2020122769 A 20181116