

Title (en)
HYDRAULIC BINDER COMPOSITION

Title (de)
HYDRAULISCHE BINDEMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE LIANT HYDRAULIQUE

Publication
EP 3947316 A1 20220209 (FR)

Application
EP 20714635 A 20200402

Priority
• FR 1903568 A 20190403
• EP 2020059422 W 20200402

Abstract (en)
[origin: WO2020201436A1] The present invention relates to a hydraulic binder composition comprising: - at least one Portland cement; - at least one amorphous calcium aluminate; - calcium sulphate; - at least one alkaline salt S selected from K₂CO₃, Rb₂CO₃, Cs₂CO₃ and mixtures thereof; the composition being characterised in that the mass ratio of alkaline salt(s) S to amorphous calcium aluminate(s) ranges from 0.01 to 0.2.

IPC 8 full level
C04B 28/04 (2006.01); **C04B 22/00** (2006.01); **C04B 28/06** (2006.01); **C04B 28/14** (2006.01); **C04B 111/32** (2006.01); **C04B 111/60** (2006.01)

CPC (source: EP US)
C04B 28/04 (2013.01 - EP US); **C04B 28/065** (2013.01 - EP US); **C04B 28/14** (2013.01 - EP US); **C04B 2103/0007** (2013.01 - EP); **C04B 2111/00672** (2013.01 - EP US); **C04B 2111/32** (2013.01 - EP US); **C04B 2111/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2020201436A1

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 2020201436 A1 20201008; EP 3947316 A1 20220209; FR 3094712 A1 20201009; FR 3094712 B1 20230428; US 2022204405 A1 20220630

DOCDB simple family (application)
EP 2020059422 W 20200402; EP 20714635 A 20200402; FR 1903568 A 20190403; US 202017600213 A 20200402