

Title (en)
GEOPOLYMER COMPOSITIONS

Title (de)
GEOPOLYMERZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS DE GÉOPOLYMÈRES

Publication
EP 3880628 A4 20220803 (EN)

Application
EP 19885141 A 20191115

Priority
• AU 2018904385 A 20181116
• AU 2019051259 W 20191115

Abstract (en)
[origin: WO2020097690A1] A geopolymer composition comprising the reaction product of a reaction mixture comprising 30-80% w/w aluminosilicate material, the aluminosilicate material having a combined Al₂O₃ and SiO₂ content of from 15-90% w/w; 1-20% w/w Portland cement; 10-60% w/w water; and 1-10% w/w alkali metal silicate, wherein the Portland cement:alkali metal silicate ratio is in the range from about 0.1 to about 3.0.

IPC 8 full level
C04B 28/04 (2006.01); **C04B 12/00** (2006.01); **C04B 12/04** (2006.01); **C04B 14/06** (2006.01); **C04B 18/08** (2006.01); **C04B 28/00** (2006.01); **C04B 28/26** (2006.01); **C04B 111/00** (2006.01)

CPC (source: AU EP)
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Citation (search report)
• [X] WO 2011135584 A2 20111103 - ADITYA BIRLA SCIENCE AND TECHNOLOGY COMPANY LTD [IN], et al
• [X] WO 2018028225 A1 20180215 - ZHUODA NEW MATERIALS TECH GROUP WEIHAI CO LTD [CN]
• [X] US 3672173 A 19720627 - PARAMORE EDWIN L, et al
• See references of WO 2020097690A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2020097690 A1 20200522; AU 2019379875 A1 20210624; BR 112021009563 A2 20210817; EP 3880628 A1 20210922; EP 3880628 A4 20220803

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