

Title (en)  
GEOPOLYMER COMPOSITIONS

Title (de)  
GEOPOLYMERZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DE GÉOPOLYMÈRES

Publication  
**EP 3880628 A1 20210922 (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 Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub> 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)

CPC (source: AU EP)  
**C04B 12/005** (2013.01 - EP); **C04B 28/006** (2013.01 - EP); **C04B 28/04** (2013.01 - AU EP); **C04B 28/26** (2013.01 - EP); **C04B 18/08** (2013.01 - AU); **C04B 2111/00215** (2013.01 - EP); **Y02P 40/10** (2015.11 - EP); **Y02W 30/91** (2015.05 - EP)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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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**AU 2019051259 W 20191115**; AU 2019379875 A 20191115; BR 112021009563 A 20191115; EP 19885141 A 20191115