

Title (en)

BRAKE PAD WITH A FRICTION MATERIAL HAVING A GEOPOLYMER BINDER

Title (de)

BREMSBELAG MIT EINEM REIBUNGSMATERIAL MIT EINEM GEOPOLYMERBINDEMittel

Title (fr)

PLAQUETTE DE FREIN POURVUE D'UN MATÉRIAU DE FRICTION À LIANT GÉOPOLYMÈRE

Publication

**EP 4153883 A4 20240320 (EN)**

Application

**EP 21809662 A 20210519**

Priority

- IT 202000011716 A 20200520
- US 2021033141 W 20210519

Abstract (en)

[origin: WO2021236758A1] Technologies are generally described for a method for synthesizing a geopolymer. The method includes mixing silica and metakaolin to form a pre-mixture. A silicate solution is prepared. The silicate solution and the pre-mixture are mixed to form a wet mixture. The method is carried out in absence of an alkali and in presence of water

IPC 8 full level

**F16D 69/02** (2006.01); **C04B 12/00** (2006.01); **C04B 28/00** (2006.01); **C04B 111/00** (2006.01)

CPC (source: EP)

**C04B 12/005** (2013.01); **C04B 28/006** (2013.01); **F16D 69/028** (2013.01); **C04B 2111/00362** (2013.01); **F16D 2200/0043** (2013.01); **Y02P 40/10** (2015.11)

C-Set (source: EP)

**C04B 28/006 + C04B 14/06 + C04B 14/106 + C04B 40/0028**

Citation (search report)

- [X1] US 2013206033 A1 20130815 - ELLENREIDER FLORIAN [DE], et al
- [IA] US 2017016500 A1 20170119 - SIN XICOLA AGUSTIN [IT], et al
- See also references of WO 2021236758A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2021236758 A1 20211125**; EP 4153883 A1 20230329; EP 4153883 A4 20240320; IT 202000011716 A1 20211120

DOCDB simple family (application)

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