

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)

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

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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