

Title (en)

Fire-resistant ceramic sliding plate and accompanying sliding plate set

Title (de)

Feuerfeste keramische Schieberplatte und zugehöriges Schieberplattenset

Title (fr)

Plaque coulissante céramique ignifuge et ensemble de plaques coulissantes associé

Publication

EP 2543455 A1 20130109 (DE)

Application

EP 11173215 A 20110708

Priority

EP 11173215 A 20110708

Abstract (en)

The slide plate (S) has a pair of mutually parallel major surfaces (SO,SU). A pair of openings (S10,S20) is formed extending between the main surfaces. The cross-sectional area of the openings is different. The distance (S1) between openings along the main surface is smaller than the chord (SS10) of the openings. An independent claim is included for refractory ceramic slide plate set.

Abstract (de)

Die Erfindung betrifft eine feuerfeste keramische Schieberplatte und ein zugehöriges Schieberplattenset.

IPC 8 full level

B22D 41/24 (2006.01)

CPC (source: EP KR US)

B22D 41/22 (2013.01 - KR); **B22D 41/24** (2013.01 - EP US); **B22D 41/28** (2013.01 - US)

Citation (applicant)

- EP 0373287 A2 19900620 - SIRMA NUOVA [IT]
- DE 10324801 A1 20050105 - KNOELLINGER FLO TEC GMBH [DE]

Citation (search report)

- [I] WO 2004105981 A2 20041209 - KNOELLINGER FLO TEC GMBH [DE], et al & DE 10324801 A1 20050105 - KNOELLINGER FLO TEC GMBH [DE]
- [I] EP 1046447 A1 20001025 - DIDIER WERKE AG [DE]
- [AD] EP 0373287 A2 19900620 - SIRMA NUOVA [IT]
- [A] EP 0462478 A1 19911227 - ARBED [LU]
- [A] CA 1200384 A 19860211 - STELCO INC
- [A] EP 0356551 A1 19900307 - METACON AG [CH]
- [A] WO 8902801 A1 19890406 - THOMPSON KEVIN [CH], et al
- [A] WO 0168296 A1 20010920 - VESUVIUS CRUCIBLE CO [US], et al

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CN103240410A

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)

EP 2543455 A1 20130109; EP 2543455 B1 20140115; BR 112013033640 A2 20180612; CN 103619513 A 20140305; CN 103619513 B 20160120; EA 025092 B1 20161130; EA 201301299 A1 20160129; ES 2452553 T3 20140401; JP 2014518158 A 20140728; KR 101550518 B1 20150904; KR 20140019841 A 20140217; PL 2543455 T3 20140530; RS 53188 B 20140630; UA 107058 C2 20141110; US 2014124546 A1 20140508; US 9375786 B2 20160628; WO 2013007526 A2 20130117; WO 2013007526 A3 20130613; ZA 201309725 B 20141029

DOCDB simple family (application)

EP 11173215 A 20110708; BR 112013033640 A 20120627; CN 201280032216 A 20120627; EA 201301299 A 20120627; EP 2012062516 W 20120627; ES 11173215 T 20110708; JP 2014517689 A 20120627; KR 20137033943 A 20120627; PL 11173215 T 20110708; RS P20140093 A 20110708; UA A201314873 A 20120627; US 201214125365 A 20120627; ZA 201309725 A 20131223