

Title (en)
Refractory ceramic floor

Title (de)
Feuerfester keramischer Boden

Title (fr)
Sol en céramique ignifuge

Publication
EP 2752260 A1 20140709 (DE)

Application
EP 13150422 A 20130107

Priority
EP 13150422 A 20130107

Abstract (en)
The floor has a base that includes a lower layer of a refractory ceramic outer lining and a top layer of a refractory ceramic wearing lining (20). The outer lining has an upper surface (20a) with a three-dimensional design which is partially inclined to a horizontal by more than one adjacent to the wearing lining. The wearing lining consists of a refractory ceramic solid brick (21). The outer lining and the wearing lining include an interruption for forming a common outlet for a high-temperature melt.

Abstract (de)
Die Erfindung betrifft einen feuerfesten keramischen Boden im Anschlussbereich zu mindestens einer Wand eines Gefäßes zur Behandlung einer Hochtemperaturschmelze.

IPC 8 full level
B22D 41/02 (2006.01); **B22D 41/08** (2006.01)

CPC (source: EP US)
B22D 41/02 (2013.01 - EP US); **B22D 41/08** (2013.01 - EP US); **F27D 1/0003** (2013.01 - EP US); **F27D 1/0043** (2013.01 - EP US)

Citation (applicant)
US 5879616 A 19990309 - ERNY EDWARD L [US]

Citation (search report)
• [Y] US 2012126467 A1 20120524 - BARRETT RONALD [US], et al
• [XYI] MASSE F: "RESULTATS OBTENUS EN FONDS DE POCHE A ACIER PAR LA MISE EN PLACE D'UNE COUCHE DE SECURITE INCURVEE EN BLOCS PREFABRIQUES DE BETONS REFRACTAIRES", REVUE DE METALLURGIE - CAHIERS D'INFORMATIONS TECHNIQUES, REVUE DE METALLURGIE. PARIS, FR, vol. 88, no. 7 / 08, 1 July 1991 (1991-07-01), pages 781 - 788, XP000249288, ISSN: 0035-1563

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 2752260 A1 20140709; EP 2752260 B1 20170201; EP 2752260 B9 20170517; AR 094297 A1 20150722; BR 112015010340 A2 20170711; BR 112015010340 B1 20201006; CA 2888450 A1 20140710; CA 2888450 C 20180703; CL 2015001208 A1 20150807; CN 104903027 A 20150909; CN 104903027 B 20181019; EA 028140 B1 20171031; EA 201500476 A1 20151230; ES 2619977 T3 20170627; HU E032636 T2 20171030; IL 238355 A0 20150630; IL 238355 B 20190630; JP 2016507715 A 20160310; KR 20150081284 A 20150713; MX 2015005327 A 20150714; MX 361111 B 20181127; PE 20151115 A1 20150806; PL 2752260 T3 20170731; SA 515360534 B1 20180802; SI 2752260 T1 20170331; TW 201427780 A 20140716; TW I552817 B 20161011; UA 113564 C2 20170210; US 2015298210 A1 20151022; US 2018133792 A1 20180517; US 9962764 B2 20180508; WO 2014106553 A1 20140710; ZA 201503865 B 20160428

DOCDB simple family (application)
EP 13150422 A 20130107; AR P130105052 A 20131227; BR 112015010340 A 20131203; CA 2888450 A 20131203; CL 2015001208 A 20150506; CN 201380062902 A 20131203; EA 201500476 A 20131203; EP 2013075299 W 20131203; ES 13150422 T 20130107; HU E13150422 A 20130107; IL 23835515 A 20150416; JP 2015548328 A 20131203; KR 20157011924 A 20131203; MX 2015005327 A 20131203; PE 2015000638 A 20131203; PL 13150422 T 20130107; SA 515360534 A 20150606; SI 201330555 A 20130107; TW 102148403 A 20131226; UA A201505093 A 20131203; US 201314648140 A 20131203; US 201815871743 A 20180115; ZA 201503865 A 20150529