

Title (en)

DISTRIBUTOR FOR CONTINUOUS CASTING PLANTS

Title (de)

VERTEILER FÜR STRANGGIEßANLAGEN

Title (fr)

RÉPARTITEUR POUR INSTALLATIONS DE COULÉE Continue

Publication

EP 3233329 A1 20171025 (DE)

Application

EP 15807924 A 20151210

Priority

- DE 102014119109 A 20141218
- EP 2015079238 W 20151210

Abstract (en)

[origin: WO2016096596A1] The invention relates to a distributor, in particular a distributor in continuous steel casting for arrangement between a steel casting ladle and a continuous casting mould having an inlet region (7) and an outlet region (8), wherein in the inlet region (7) liquid steel can be delivered in particular via a ladle shroud and in the outlet region (8) the liquid steel can be discharged from the distributor (1) in particular by means of a closing plug and an outlet opening, wherein in the region of the inlet region (7) in the distributor (1) a threshold (12) or ramp (12) is formed, which forms a region of the distributor base (6) as a pot (13) or tub (13), wherein the threshold (12) or ramp (12) has laterally at least one channel (15), which channel locally reduces the height of the threshold (12) or ramp (12) or interrupts the threshold (12).

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/103** (2006.01); **B22D 41/00** (2006.01)

CPC (source: EP KR US)

B22D 11/103 (2013.01 - EP KR US); **B22D 11/118** (2013.01 - EP US); **B22D 41/00** (2013.01 - EP KR US); **B22D 41/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2016096596A1

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)

DE 102014119109 A1 20160623; DE 102014119109 B4 20181213; EP 3233329 A1 20171025; JP 2018500176 A 20180111;
JP 6465979 B2 20190206; KR 102001547 B1 20190718; KR 20170116015 A 20171018; US 10632527 B2 20200428;
US 2018001376 A1 20180104; WO 2016096596 A1 20160623

DOCDB simple family (application)

DE 102014119109 A 20141218; EP 15807924 A 20151210; EP 2015079238 W 20151210; JP 2017533313 A 20151210;
KR 20177020051 A 20151210; US 201515537514 A 20151210