

Title (en)

SUBMERGED ENTRY NOZZLE FOR CONTINUOUS CASTING

Title (de)

TAUCHEINLASSDÜSE ZUM STRANGGIESSEN

Title (fr)

BUSSETTE IMMERMÉE POUR COULÉE CONTINUE

Publication

EP 3131692 B1 20211013 (EN)

Application

EP 15722451 A 20150415

Priority

- EP 14001365 A 20140415
- EP 2015025020 W 20150415

Abstract (en)

[origin: WO2015158439A1] The invention relates to a submerged entry nozzle for use in continuous casting provided with a conduit, distribution zone, two lower and two upper channels and corresponding discharge openings, wherein the geometry of these parts is adapted to maintain the nozzle at all times completely filled with fluid steel resulting in a good control of the jets of fluid steel leaving the nozzle.

IPC 8 full level

B22D 11/10 (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP)

B22D 11/10 (2013.01); **B22D 41/50** (2013.01)

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 2015158439 A1 20151022; EP 3131692 A1 20170222; EP 3131692 B1 20211013

DOCDB simple family (application)

EP 2015025020 W 20150415; EP 15722451 A 20150415