

Title (en)

CRYSTALLIZER FOR CONTINUOUS CASTING AND METHOD FOR ITS PRODUCTION

Title (de)

KRISTALLISATOR ZUM STRANGGIESSEN UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

CRISTALLISEUR POUR COULÉE EN CONTINU ET PROCÉDÉ DE PRODUCTION CORRESPONDANT

Publication

EP 3060365 A1 20160831 (EN)

Application

EP 14793898 A 20141022

Priority

- IT UD20130137 A 20131023
- IB 2014065541 W 20141022

Abstract (en)

[origin: WO2015059652A1] Crystallizer for continuous casting comprising at least a wall (11) provided with a first component (12) having a surface (15) in which a plurality of grooves (16) is made, separated by protruding portions (17), and a second component (13) coupled to the surface (15) of the first component (12) to close the grooves (16) and to define cooling channels (20) suitable to allow the passage of a cooling liquid. Between the second component (13) and the first component (12), in correspondence to the protruding portions (17), longitudinal welding beads (21) are made, without using any filler material, in order to reciprocally connect the first component (12) and the second component (13) and to define the cooling channels (20).

IPC 8 full level

B22D 11/055 (2006.01); **B22D 11/057** (2006.01)

CPC (source: EP)

B22D 11/055 (2013.01); **B22D 11/057** (2013.01)

Citation (search report)

See references of WO 2015059652A1

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)

WO 2015059652 A1 20150430; EP 3060365 A1 20160831; EP 3060365 B1 20190605; IT UD20130137 A1 20150424

DOCDB simple family (application)

IB 2014065541 W 20141022; EP 14793898 A 20141022; IT UD20130137 A 20131023