

Title (en)
MOLD DIVIDER FOR INSTALLING IN A MOLD

Title (de)
KOKILLENTAILER ZUM EINBAU IN EINE KOKILLE

Title (fr)
CLOISON À INSÉRER DANS UNE LINGOTIÈRE

Publication
EP 3523069 B1 20200715 (DE)

Application
EP 17769088 A 20170920

Priority
• DE 202016105609 U 20161007
• AT 509202016 A 20161014
• EP 2017073769 W 20170920

Abstract (en)
[origin: RU2754072C2] FIELD: metallurgy.SUBSTANCE: invention relates to continuous casting, it can be used for simultaneous casting of two ingots. Crystallizer (1) contains two walls (5, 6) with holes (33a, 33b) and separator (3). The separator contains separation unit (9) with two outer surfaces (11, 12) separating inner space (7) of the crystallizer into two spaces, and at least one channel (55) for coolant to cool at least one outer surface (11, 12). The separation unit is affected by the clamping force from the first and second clamping pistons. At least one first clamping piston (31a) is passed through first hole (33a) made in first wall (5) of the crystallizer. At least one second clamping piston (31b) is passed through second hole (33b) made in second wall (6) of the crystallizer. Clamping pistons (31a, 31b) are moved by means of a drive each along its longitudinal axis to and from separation unit (9).EFFECT: invention provides convenience and reduces the time of installation and disassembly of the separator.14 cl, 10 dwg

IPC 8 full level
B22D 11/14 (2006.01); **B22D 11/04** (2006.01); **B22D 11/041** (2006.01); **B22D 11/05** (2006.01); **B22D 11/08** (2006.01)

CPC (source: AT EP RU)
B22D 11/04 (2013.01 - RU); **B22D 11/0403** (2013.01 - AT EP); **B22D 11/041** (2013.01 - EP); **B22D 11/05** (2013.01 - AT EP);
B22D 11/083 (2013.01 - EP); **B22D 11/147** (2013.01 - AT EP)

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)
DE 202016105609 U1 20170220; AT 519391 A1 20180615; AT 519391 B1 20190815; EP 3523069 A1 20190814; EP 3523069 B1 20200715;
RU 188137 U1 20190401; RU 2019111019 A 20201116; RU 2019111019 A3 20210323; RU 2754072 C2 20210825

DOCDB simple family (application)
DE 202016105609 U 20161007; AT 509202016 A 20161014; EP 17769088 A 20170920; RU 2017134945 U 20171005;
RU 2019111019 A 20171013