

Title (en)

Device for moulding cast iron in a mould

Title (de)

Vorrichtung zum Gießen von Gußeisen in einer Kokille

Title (fr)

Dispositif de coulage de fonte dans une lingotière

Publication

EP 2422901 A3 20150610 (DE)

Application

EP 11177151 A 20110810

Priority

DE 102010035440 A 20100826

Abstract (en)

[origin: EP2422901A2] Device comprises a multi-part metallic ingot mold (1), which encloses a sand mold (3), whose cavity (4) is filled with molten cast iron, a space (2) formed between the inner wall surface of the mold and the outer wall of the sand mold through which at least one coolant flows.

IPC 8 full level

B22D 15/00 (2006.01); **B22C 9/02** (2006.01); **B22C 9/06** (2006.01)

CPC (source: EP)

B22C 9/02 (2013.01); **B22C 9/061** (2013.01); **B22C 21/00** (2013.01); **B22D 15/00** (2013.01)

Citation (search report)

- [A] US 5611388 A 19970318 - FUKUOKA HIROFUMI [JP], et al
- [A] US 2005103407 A1 20050519 - MASUDA TSUTOMU [JP], et al

Cited by

CN113172216A; CN113210587A; CN108393458A

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 2422901 A2 20120229; **EP 2422901 A3 20150610**; **EP 2422901 B1 20190306**; DE 102010035440 A1 20120301;
DE 102010035440 B4 20120412; ES 2729266 T3 20191031; HU E044935 T2 20191128; PL 2422901 T3 20190830; PT 2422901 T 20190612;
TR 201907617 T4 20190621

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