

Title (en)
DIE CASTING MACHINE AND DIE CASTING METHOD

Title (de)
DRUCKGIESSMASCHINE SOWIE DRUCKGIESSVERFAHREN

Title (fr)
MACHINE ET PROCÉDÉ DE COULÉE SOUS PRESSION

Publication
EP 2741875 A1 20140618 (DE)

Application
EP 12746028 A 20120806

Priority
• DE 102011110176 A 20110812
• EP 2012003355 W 20120806

Abstract (en)
[origin: WO2013023754A1] The invention relates to a die casting machine (1), comprising a die casting mold (3) having at least one stationary first casting mold part (5), at least one second casting mold part (7) that can be moved along guide pillars (6), and at least two lateral casting mold parts (8, 9), which can be moved relative to one another transversely to the travel path of the at least one second casting mold part (7). Locking pins (14) protrude from at least two lateral casting mold parts (8, 9), which in a locked position engage behind at least the movable second casting mold part (7) such that the travel path of the at least one second casting mold part (7) is defined in the direction that is facing away from the at least one first casting mold part (5). The invention further relates to a die casting method for producing metal castings using the casting mold as described above.

IPC 8 full level
B22D 17/26 (2006.01); **B22C 9/06** (2006.01); **B29C 33/22** (2006.01)

CPC (source: EP US)
B22C 9/062 (2013.01 - EP US); **B22D 17/002** (2013.01 - US); **B22D 17/263** (2013.01 - EP US); **B22D 17/266** (2013.01 - EP US)

Citation (search report)
See references of WO 2013023754A1

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 102011110176 A1 20130214; **DE 102011110176 B4 20130606**; CN 103747895 A 20140423; EP 2741875 A1 20140618; EP 2741875 B1 20171011; JP 2014521519 A 20140828; MX 2014001437 A 20140730; US 2014190652 A1 20140710; WO 2013023754 A1 20130221

DOCDB simple family (application)
DE 102011110176 A 20110812; CN 201280039355 A 20120806; EP 12746028 A 20120806; EP 2012003355 W 20120806; JP 2014524300 A 20120806; MX 2014001437 A 20120806; US 201214238582 A 20120806