Title (en)

Method of filling dies for manufacturing asymmetrical casting cores of a compressible material

Title (de)

Verfahren zur Befüllung von Presswerkzeugen zur Herstellung von asymmetrischen Gießkernen aus einem kompressiblen Material

Title (fr)

Procédé de replissage de moules pour fabriquer de noyeaux de fonderie asymétriques d'un matériel compressible

Publication

EP 1733825 A1 20061220 (DE)

Application

EP 06012338 A 20060614

Priority

DE 102005027541 A 20050615

Abstract (en)

A dosing device puts a given quantity of material into a compression mold. The compression mold is designed to produce an asymmetrical mold core and the dosing device puts given amounts in different parts of the mold and afterwards the material found in the compression mold is compressed. The core is pre-manufactured as a semi-finished article, laid in the mold and finally filled with given quantities of material using the dosing device and then the material in the mold pressed including the semi-finished core.

IPC 8 full level

B22C 13/12 (2006.01); **B22C 15/24** (2006.01)

CPC (source: EP)

B22C 9/103 (2013.01); **B22C 15/245** (2013.01)

Citation (search report)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 016, no. 422 (M - 1305) 4 September 1992 (1992-09-04)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 418 (M - 1650) 5 August 1994 (1994-08-05)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07 31 July 1997 (1997-07-31)
- [Y] DATABASE WPI Week 198327, Derwent World Patents Index; AN 1983-704453, XP002402072
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01 30 January 1998 (1998-01-30)

Cited by

DE102013007735B4; DE102012022390B3; DE102013009055A1; DE102013009055B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1733825 A1 20061220; **EP 1733825 B1 20071107**; AT E377469 T1 20071115; DE 502006000166 D1 20071220

DOCDB simple family (application)

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