

Title (en)
MOLD FORMING METHOD

Title (de)
FORMHERSTELLUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE FORMATION DE MOULE

Publication
EP 3488945 A1 20190529 (EN)

Application
EP 17830645 A 20170316

Priority
• JP 2016142452 A 20160720
• JP 2017010595 W 20170316

Abstract (en)
To provide a method for molding by which the density of sand of a mold is almost uniform. The method comprises a step of forming a molding space by using a flask, using an auxiliary flask that has a lower opening that is connectable to an upper opening of the flask, using a squeeze head that has a squeeze board and has a plurality of squeeze feet that pass through the squeeze board and vertically move, and using a pattern plate, a step of filling the molding sand into the molding space, and a step of squeezing the molding sand by lowering the squeeze head, wherein the squeeze feet that face a concavity of a pattern are lowered at the same time as the step of squeezing starts or during the step of squeezing.

IPC 8 full level
B22C 15/02 (2006.01); **B22C 11/00** (2006.01)

CPC (source: EP KR US)
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B22C 15/02 (2013.01 - EP KR US); **B22C 15/24** (2013.01 - EP US); **B22C 15/30** (2013.01 - US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2019111474 A1 20190418; BR 112018074860 A2 20190306; CN 109195729 A 20190111; CN 109195729 B 20210312;
EP 3488945 A1 20190529; EP 3488945 A4 20191204; EP 3488945 B1 20200819; JP 6665935 B2 20200313; JP WO2018016123 A1 20190509;
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