

Title (en)
MOLD FORMING METHOD

Title (de)
FORMHERSTELLUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE FORMATION DE MOULE

Publication
EP 3488945 B1 20200819 (EN)

Application
EP 17830645 A 20170316

Priority
• JP 2016142452 A 20160720
• JP 2017010595 W 20170316

Abstract (en)
[origin: US2019111474A1] A method for molding by which the density of sand of a mold is almost uniform. The method includes 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); **B22C 11/08** (2006.01); **B22C 11/10** (2006.01); **B22C 15/24** (2006.01)

CPC (source: EP KR US)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2019111474 A1 20190418; BR 112018074860 A2 20190306; CN 109195729 A 20190111; CN 109195729 B 20210312;
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US 201716087289 A 20170316; BR 112018074860 A 20170316; CN 201780033315 A 20170316; EP 17830645 A 20170316;
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