Title (en)

MOLD FORMING MACHINE, SAND-FILLING COMPRESSION UNIT, AND MOLD FORMING METHOD

Title (de)

GUSSFORMFORMUNGSMASCHINE, SANDFÜLLENDE KOMPRESSIONSEINHEIT UND GUSSFORMFORMVERFAHREN

Title (fr)

MACHINE À FORMER DES MOULAGES, UNITÉ DE COMPRESSION DE REMPLISSAGE DE SABLE ET PROCÉDÉ DE FORMATION DE MOULAGES

Publication

EP 3366386 B1 20210428 (EN)

Application

EP 16889862 A 20160627

Priority

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- JP 2016069026 W 20160627

Abstract (en)

[origin: EP3366386A1] A molding machine forms a mold by using transferred molding flask and pattern plate, and includes: a filling frame provided with a lower opening connectable to an upper opening of the molding flask; a squeeze head mechanism including a squeeze board movable into and out from the filling frame, and a plurality of squeeze feet passing through the squeeze board, being able to move up and down with respect to the squeeze board; a sand injection hopper including at least one sand injection port for injecting molding sand into a molding space defined by the molding flask, the filling frame, the squeeze head mechanism, and the pattern plate; and a sand injection nozzle provided in a side portion of the filling frame to enable the sand injection port and the molding space to communicate with each other.

IPC 8 full level

B22C 15/28 (2006.01); **B22C 9/02** (2006.01); **B22C 11/00** (2006.01)

CPC (source: EP KR US)

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