

Title (en)

MOULDING MACHINE WITH A BOLSTER ARRANGEMENT AND METHOD FOR PRODUCING A MOULD

Title (de)

FORMMASCHINE MIT EINER UNTERLAGENANORDNUNG UND VERFAHREN ZUR HERSTELLUNG EINER FORM

Title (fr)

MACHINE DE MOULAGE DOTÉE D'UN AGENCEMENT DE SOUTIEN ET PROCÉDÉ DE FABRICATION D'UN MOULE

Publication

EP 3539686 B1 20220126 (EN)

Application

EP 19163208 A 20190315

Priority

- EP 18162056 A 20180315
- EP 18182048 A 20180705

Abstract (en)

[origin: EP3539686A1] A Machine for producing a portion of a mould comprises a bolster arrangement (140) a flask (121) and an upper compacting system (110). The bolster arrangement (140) comprises a bolster frame (144) and a bolster plate (141). A pattern (131) is positioned on the bolster plate (141) in the bolster frame (144). The bolster frame (144) is positioned on a machine table (172) and the bolster plate (141) is positioned on a stroke device (171). The pattern (131) and the upper compacting system (110) are movable towards each other by a movement of the bolster plate (141) and the bolster frame (144) relative to each other

IPC 8 full level

B22C 7/04 (2006.01); **B22C 15/02** (2006.01); **B22C 15/08** (2006.01); **B22C 21/08** (2006.01)

CPC (source: EP)

B22C 7/04 (2013.01); **B22C 15/02** (2013.01); **B22C 15/08** (2013.01); **B22C 21/08** (2013.01)

Citation (examination)

WO 2016203394 A1 20161222 - KUENKEL WAGNER GERMANY GMBH [DE]

Citation (opposition)

Opponent : DISA Industries A/S

- JP H04157043 A 19920529 - HITACHI METALS LTD
- US 5941296 A 19990824 - KANEHIRA YUSO [JP]
- GB 1179118 A 19700128 - ZD ELPROM [BG]
- JP 5451157 B2 20140326
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- GB 2031767 A 19800430 - ARENCO BMD MASCHFAB
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- WO 2016203394 A1 20161222 - KUENKEL WAGNER GERMANY GMBH [DE]
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Designated contracting state (EPC)

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