

Title (en)
DEVICE WITH IMPROVED EJECTORS AND METHOD THEREFOR

Title (de)
VORRICHTUNG MIT VERBESSERTEN AUSWERFERN UND VERFAHREN DAFÜR

Title (fr)
DISPOSITIF À ÉJECTEURS AMÉLIORÉS ET PROCÉDÉ ASSOCIÉ

Publication
EP 3321052 A1 20180516 (EN)

Application
EP 17192092 A 20170920

Priority
NL 2017672 A 20161025

Abstract (en)
The present invention relates to a device, comprising: - a mould container (1) with at least one mould cavity (6); - at least one ejector (40) per mould cavity, comprising: - a bottom (42) of the mould cavity (6) which is movable in the mould cavity for the purpose of ejecting a green brick formed in the mould cavity; - an ejector shaft (44) extending from the bottom (42) of the mould cavity through a bottom of the mould container (1) and having a support (50) extending radially outward from the ejector shaft (44); - a spring (66) which is tensioned between the support (50) of the ejector shaft (44) and the bottom of the mould container (1); - wherein an inner diameter of the spring (66) has a larger dimension than the support (50); and - wherein an adapter (74) is provided which is arranged between the support (50) and the spring (66), wherein the adapter (74) is provided with a radial passage (78) with which the adapter (74) can be arranged round the ejector shaft (44) in a lateral direction. The invention further relates to a method for arranging such an ejector (40) in a mould cavity (6) of a mould container (1).

IPC 8 full level
B28B 5/02 (2006.01); **B28B 7/00** (2006.01); **B28B 17/00** (2006.01)

CPC (source: EP)
B28B 5/022 (2013.01); **B28B 7/0014** (2013.01); **B28B 17/009** (2013.01)

Citation (search report)
• [A] DE 1073926 B
• [A] EP 1112827 A1 20010704 - IND PICA S P A [IT]
• [A] DE 2808284 A1 19790830 - ERLUS BAUSTOFFWERKE
• [A] EP 2242627 A1 20101027 - BEHEERMIJ DE BOER NIJMEGEN BV [NL]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3321052 A1 20180516; **EP 3321052 B1 20190703**; DK 3321052 T3 20191007; ES 2748878 T3 20200318; NL 2017672 B1 20180504

DOCDB simple family (application)
EP 17192092 A 20170920; DK 17192092 T 20170920; ES 17192092 T 20170920; NL 2017672 A 20161025