

Title (en)
PRESS FOR THE HOT MOULDING OF PIECES

Title (de)
WARMUMFORMPRESSE

Title (fr)
PRESSE POUR LE FORMAGE À CHAUD DE PIÈCES

Publication
EP 3200940 B1 20181128 (EN)

Application
EP 15841068 A 20150908

Priority
• IT BS20140180 A 20140930
• IB 2015056867 W 20150908

Abstract (en)
[origin: WO2016051299A2] A press for the hot moulding of pieces, in particular hollow pieces made of brass or aluminium, comprises a fixed structure (10) defining a reaction plate (12), an upper mould-holder (16), a lower mould-holder (22), and a floating cushion (30) to which is operatively connected the lower mould-holder (22). The upper mould-holder is fixed to a movable slide (14). The press further comprises a plurality of reaction cylinders (40) connected to a hydraulic pressurisation circuit (50), said reaction cylinders being operatively interposed between the lower mould-holder (22) and the reaction plate (32) and being suitable to exert a progressive reaction cylinder reaction force that opposes the opening of the half-shells. The floating cushion and the reaction cylinders are arranged in such a way that the overall reaction force at the opening of the half-shells is given by the sum of the progressive cushion reaction force with the progressive cylinder reaction force.

IPC 8 full level
B21J 9/18 (2006.01); **B21J 13/06** (2006.01)

CPC (source: EP)
B21J 9/18 (2013.01); **B21J 13/06** (2013.01); **B30B 7/04** (2013.01); **B30B 15/007** (2013.01); **B30B 15/24** (2013.01)

Cited by
CN111036823A

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

DOCDB simple family (publication)
WO 2016051299 A2 20160407; **WO 2016051299 A3 20160818**; EP 3200940 A2 20170809; EP 3200940 B1 20181128;
ES 2713224 T3 20190520; TR 201902772 T4 20190321

DOCDB simple family (application)
IB 2015056867 W 20150908; EP 15841068 A 20150908; ES 15841068 T 20150908; TR 201902772 T 20150908