

Title (en)
PRESS FOR PRESSING WORKPIECES

Title (de)
PRESSMASCHINE ZUM PRESSEN VON WERKSTÜCKEN

Title (fr)
PRESSE DE PRESSAGE DE PIÈCES

Publication
EP 2670586 B1 20180502 (DE)

Application
EP 12702817 A 20120202

Priority
• DE 102011000473 A 20110202
• EP 2012051789 W 20120202

Abstract (en)
[origin: CA2826250A1] Pressing of workpieces by means of a press, in which a work cycle which is controlled by means of the control device (50) with consideration of the positional values which are determined by means of the position measuring device comprises a pressing stroke, a decompression operation and a controlled return stroke, wherein a) during the pressing stroke, the first delivery device delivers medium (M) from the medium reservoir (5) into the first part chamber (31) in order to build up a hydraulic pressing pressure and the valve (4) is closed and the pressing tool is pressed against the workpiece, b) during the decompression operation, the valve is closed and the first delivery device is switched off or is switched to low-torque operation, c) during the controlled return stroke, the second delivery device delivers hydraulic medium from the medium reservoir (5) into the second part chamber and the valve is opened again, with the result that the working body and the ram are raised back into the starting position again or else into another starting position, and hydraulic medium (M) which is displaced through the open valve (4) flows out of the second part chamber into the medium reservoir.

IPC 8 full level
B30B 1/32 (2006.01); **B30B 15/16** (2006.01)

CPC (source: EP US)
B21J 9/12 (2013.01 - EP US); **B21J 9/18** (2013.01 - EP); **B21J 9/20** (2013.01 - EP US); **B30B 1/32** (2013.01 - EP US); **B30B 13/00** (2013.01 - US); **B30B 15/0052** (2013.01 - EP US); **B30B 15/16** (2013.01 - EP US)

Citation (examination)
• DE 102008039011 A1 20100225 - MAE MASCHINEN UND APPBAU GOETZ [DE]
• DE 102008053766 A1 20100422 - VOITH PATENT GMBH [DE]

Cited by
GB2615945A

Designated contracting state (EPC)
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