

Title (en)
Press block

Title (de)
Pressenblock

Title (fr)
Bloc de presse

Publication
EP 2514977 A3 20140402 (DE)

Application
EP 12002738 A 20120419

Priority
• DE 102011018473 A 20110423
• DE 102011116328 A 20111018

Abstract (en)
[origin: EP2514977A2] The hydraulic control block has a safe fluid path provided in a basic block, where the safe fluid path consists of a pressure chamber port, a high-holding valve (4) and a directional valve (10). The high-holding valve is connected to a terminal for the pressure chamber port of a hydraulic press load, where a downstream of the directional valve from the pressure chamber port is connected to the high-holding valve. A speed valve (28) is arranged in or on the basic block, where the speed valve is arranged between the directional valve and a tank port.

IPC 8 full level
B30B 15/16 (2006.01); **F15B 11/00** (2006.01)

CPC (source: EP)
B30B 15/16 (2013.01); **B30B 15/284** (2013.01); **F15B 11/003** (2013.01); **F15B 2211/20584** (2013.01); **F15B 2211/30515** (2013.01); **F15B 2211/30565** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/411** (2013.01); **F15B 2211/41527** (2013.01); **F15B 2211/41554** (2013.01); **F15B 2211/50545** (2013.01); **F15B 2211/5156** (2013.01)

Citation (search report)
• [XYI] DE 19956717 A1 20000608 - KAYABA INDUSTRY CO LTD [JP]
• [XYI] EP 1143151 A1 20011010 - HITACHI CONSTRUCTION MACHINERY [JP]
• [XAYI] DE 10107139 A1 20020912 - POETTINGER GMBH GEB [DE]
• [Y] US 6220026 B1 20010424 - RITTER ANDREAS [DE]
• [XYI] "Werkzeugmaschine - Sicherheit - Hydraulische Pressen; Deutsche Fassung EN 693:2001+A1:2009 = Machine tools - Safety - Hydraulic presses = Machines-outils - Sécurité - Presses hydrauliques", DEUTSCHE NORMEN. DIN NORM., vol. EN 693, 1 November 2009 (2009-11-01), pages 58pp, XP009176414

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DE102016120068A1; EP3248743A1

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

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EP 2514977 A2 20121024; EP 2514977 A3 20140402; EP 2514977 B1 20230719; BR 102012009138 A2 20150120;
BR 102012009138 B1 20220308; DE 102011116328 A1 20121025

DOCDB simple family (application)
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