

Title (en)
Hydraulic valve arrangement

Title (de)
Hydraulische Ventilanordnung

Title (fr)
Agencement de distributeur hydraulique

Publication
EP 1369596 A3 20050601 (DE)

Application
EP 03076582 A 20030526

Priority
DE 10224827 A 20020605

Abstract (en)
[origin: EP1369596A2] Hydraulic valve arrangement (1) comprises a supply connection arrangement having a high pressure connection (P) and a low pressure connection, a working connection arrangement having two working connections (A, B), a control valve (3) arranged between the supply connection arrangement and the working connection arrangement, and a shut-off valve (24, 28) for each working connection which is arranged between the control valve and the working connection and has a valve element (25, 29) that is mechanically controlled with the aid of a tappet (36). The tappet ends on its side facing away from the valve element in a pressurized pressure chamber. Preferred Features: The pressure chamber of the tappet for one shut-off valve is defined by the valve element of the other shut-off valve. Both shut-off valves are provided with a common tappet. The tappet is shorter than the distance between the valve elements of the two shut-off valves.

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F15B 13/01; **F15B 11/00**

IPC 8 full level
F15B 11/00 (2006.01); **F15B 13/01** (2006.01)

CPC (source: EP US)
F15B 11/003 (2013.01 - EP US); **F15B 13/01** (2013.01 - EP US); **Y10T 137/87241** (2015.04 - EP US)

Citation (search report)

- [X] DE 2801689 A1 19790719 - HEILMEIER & WEINLEIN
- [X] US 3795178 A 19740305 - ROCHE R
- [X] DE 4436548 A1 19960418 - REXROTH MANNESMANN GMBH [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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