

Title (en)

Block with two pilot-operated locking valves controlled by a single pilot valve

Title (de)

Ventilblock mit zwei durch ein einziges Vorsteuerventil steuerbaren Sperrventilen

Title (fr)

Bloc avec deux soupapes de retenue contrôlées par une vanne pilote unique

Publication

EP 1205669 B1 20050601 (DE)

Application

EP 01124025 A 20011009

Priority

DE 10055419 A 20001109

Abstract (en)

[origin: EP1205669A1] The valve block is fitted between a path valve and a hydraulic user unit, taking over a load-holding function, where the user unit can be a tilt cylinder in a forklift truck. It incorporates at least two stop valves (6,7), which have a valve closure member (26,27), which works in conjunction with a valve seat (28,29) and in a stop position separates a user side (A,B) from a supply side (C,D). By means of at least one spring (61,62) in a spring chamber (4,5) it is loaded in the stop direction. The spring chamber of each of the stop valves is connected with a pre-control valve (10), which is a releasable check valve.

IPC 1-7

F15B 13/01; B66F 9/20

IPC 8 full level

B66F 9/20 (2006.01); **B66F 9/22** (2006.01); **F15B 11/00** (2006.01); **F15B 13/01** (2006.01)

CPC (source: EP)

B66F 9/22 (2013.01); **F15B 11/003** (2013.01); **F15B 13/01** (2013.01)

Cited by

FR2941767A1; US2012311817A1; US8443487B2; US8677560B2

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