

Title (en)
HYDRAULIC CONTROL VALVE BLOCK

Title (de)
HYDRAULISCHER STEUVENTILBLOCK

Title (fr)
BLOC A SOUPAPES HYDRAULIQUES DE COMMANDE

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Application
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Abstract (en)
[origin: US5778924A] PCT No. PCT/EP94/02857 Sec. 371 Date Apr. 26, 1996 Sec. 102(e) Date Apr. 26, 1996 PCT Filed Aug. 29, 1994 PCT Pub. No. WO95/06818 PCT Pub. Date Mar. 9, 1995The invention relates to a hydraulic control valve block in standard configuration having a first control valve (2) and a second control valve (3), functionally cooperating with the first control valve and connected therewith via pressure medium channels (28-31, 33), having a valve piston (5) which is controlled on the one hand by a hydraulic control pressure in a pressure chamber (25) and on the other hand is acted upon by a spring pressure part (7). In order to reduce the construction and installation costs of the control valve block, whilst employing a remotely controllable seat valve, and maintaining its functions, it is provided in accordance with the invention that a supplementary pressure medium channel (36) is formed in the control valve block and that the spring pressure part (7) of the second control valve (3) is replaced by an electrically controllable seat valve (60.1; 60.2) having an electromechanical control part (66.1; 66.2) and at least two hydraulic connections (63.1; 64.1) as valve inlet (63) and valve outlet (64.1; 64.2), and in that the valve piston (5) of the second control valve (3) is deactivated and therewith, at the same time, one (64.1; 64.2) of the two hydraulic connections (63, 64.1; 64.2) of the seat valve (60.1; 60.2) is connected to a hydraulic connection (T) already present and the other hydraulic connection (63) is connected to the supplementary pressure medium channel (36).

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