

Title (en)

Hydraulic control device with at least one pilot operated checkvalve.

Title (de)

Hydraulische Steuereinrichtung mit mindestens einem hydraulisch entsperrbaren Rückschlagventil.

Title (fr)

Dispositif hydraulique de commande avec au moins un clapet anti-retour piloté.

Publication

EP 0618372 A3 19950301 (DE)

Application

EP 94102873 A 19940225

Priority

DE 9303988 U 19930318

Abstract (en)

[origin: EP0618372A2] A hydraulic control device (10) with a stop block is proposed, the check valves (11, 12) of which, designed as seat valves, can be opened mechanically in a controlled manner by a hydraulically operable release piston (13). The check valves (11, 12) and the release piston (13) are arranged coaxially in a longitudinal bore (15) in which the release piston (13) is guided with a central piston section (33) in a tight and sliding manner. At its ends remote from this piston section (33), the release piston (13) has guide webs (36, 42) with which it is guided in the longitudinal bore (15) and which in each case form a cross-section of flow for unimpeded flow through the check valves (11, 12). Despite a short type of construction, the stop block has a relatively long release piston (13) with a large guide length, as a result of which a robust and low-wear type of construction is achieved. <IMAGE>

IPC 1-7

F15B 13/01; **F15B 15/26**

IPC 8 full level

F15B 13/01 (2006.01); **F15B 13/04** (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP)

F15B 13/015 (2013.01)

Citation (search report)

[A] EP 0103250 A1 19840321 - DEERE & CO [US]

Cited by

CN104533873A; EP1500825A3; DE19646428A1; DE19646428B4

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DE FR IT

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