

Title (en)

HYDRAULIC CONTROL VALVE FOR A ONE-SIDED OPERATING DIFFERENTIAL CYLINDER

Title (de)

HYDRAULISCHES STEUERVENTIL FÜR EINEN EINSEITIG ARBEITENDEN DIFFERENTIALZYLINDER

Title (fr)

SOUPAPE DE DISTRIBUTION HYDRAULIQUE POUR UN VERIN DIFFERENTIEL FONCTIONNANT D'UN COTE

Publication

EP 2350461 A1 20110803 (DE)

Application

EP 09759882 A 20091117

Priority

- EP 2009008171 W 20091117
- DE 102008059436 A 20081127

Abstract (en)

[origin: DE102008059436B3] The valve (20) has standard contacts (A, B, P, T) formed at a valve housing (21). An internal annular channel (V) is formed in the housing and is connected with the contact (B) in a control position of a control piston (26). The channel is connected with an annular space (23) by an internal bridge (30) formed in the housing. A recess (28) produces connection of the contacts (A, T), where a dimension of the recess is twice larger than another recess (28a), which connects the contacts (P, A) and/or the contacts (P, B) and/or the contact (B) and the channel in the control position of the piston.

IPC 8 full level

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CPC (source: EP)

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See references of WO 2010060553A1

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