

Title (en)

HYDRAULICALLY CONTROLLED VALVE COMPRISING AT LEAST ONE HYDRAULIC DRIVE UNIT

Title (de)

HYDRAULISCH GESTEUERTES VENTIL MIT MINDESTENS EINEM HYDRAULISCHEN ANTRIEB

Title (fr)

SOUPAPE A COMMANDE HYDRAULIQUE POURVUE D'AU MOINS UNE UNITE DE COMMANDE HYDRAULIQUE

Publication

EP 1540191 B1 20060111 (DE)

Application

EP 04738137 A 20040810

Priority

- CH 2004000498 W 20040810
- CH 14652003 A 20030827

Abstract (en)

[origin: US2006011875A1] A hydraulically controlled valve includes at lease one hydraulic drive unit that is provided with a control piston to which a control tappet is connected. The control tappet acts upon a flow control mechanism of the valve for controlling the flow of hydraulic oil from or to a consumer. The control piston can be moved towards a control spring by a control pressure $P_{\text{SUB}X\text{SUB}}$. The control piston has a first step and a second step which have different diameters. A connection having a throttle point is provided between a primary control pressure chamber and a secondary control pressure chamber. The valve creates a throttle effect with the aid of which vibrations are dampened.

IPC 8 full level

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CPC (source: EP US)

F15B 11/003 (2013.01 - EP US); **F15B 13/01** (2013.01 - EP US); **F15B 21/008** (2013.01 - EP US); **F15B 2211/50545** (2013.01 - EP US)

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