

Title (en)  
HYDRAULIC VALVE DEVICE

Title (de)  
HYDRAULISCHE VENTILVORRICHTUNG

Title (fr)  
VANNE HYDRAULIQUE

Publication  
**EP 2220378 B1 20120912 (DE)**

Application  
**EP 08802277 A 20080917**

Priority  
• EP 2008007749 W 20080917  
• DE 102007054138 A 20071114

Abstract (en)  
[origin: WO2009062563A1] The invention relates to a hydraulic valve device, especially in the form of at least one load sensing valve, comprising a valve housing (10), a control slide (12) arranged in a longitudinally mobile manner and used to control a fluid connection arrangement (14) comprising a plurality of connection points, at least one control pressure line (PST), and at least one supply pressure line (Y). At least for a load sensing connection (LS), a pocket-type channel (18) is arranged between the valve housing (10) and the control slide (12), for a control pressure line (PST) and a supply pressure line (Y), and this enables the already available ring channel of the load sensing message chain to also be used on an axial point of the control slide axle of, thereby reducing cost and space.

IPC 8 full level  
**F15B 13/04** (2006.01)

CPC (source: EP US)  
**F15B 11/003** (2013.01 - EP US); **F15B 13/0417** (2013.01 - EP US); **Y10T 137/86582** (2015.04 - EP US); **Y10T 137/8663** (2015.04 - EP US); **Y10T 137/86702** (2015.04 - EP US); **Y10T 137/86879** (2015.04 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2009062563 A1 20090522**; DE 102007054138 A1 20090528; EP 2220378 A1 20100825; EP 2220378 B1 20120912; JP 2011503478 A 201110127; US 2010206413 A1 20100819; US 8453679 B2 20130604

DOCDB simple family (application)  
**EP 2008007749 W 20080917**; DE 102007054138 A 20071114; EP 08802277 A 20080917; JP 2010533447 A 20080917; US 73370508 A 20080917