

Title (en)
HYDRAULIC VALVE DEVICE

Title (de)
HYDRAULISCHE VENTILVORRICHTUNG

Title (fr)
VANNE HYDRAULIQUE

Publication
EP 2220380 B1 20121219 (DE)

Application
EP 08850047 A 20081009

Priority
• EP 2008008519 W 20081009
• DE 102007054137 A 20071114

Abstract (en)
[origin: WO2009062572A1] The invention relates to a hydraulic valve device comprising a fluid connection arrangement (10) having different types of connections, and a mobile control device (18) for at least partially controlling connections of the fluid connection arrangement (10). As the control device (18) is provided with load reporting and load detecting connections (32,34; 36,38) that are interconnected and thereby associate a load reporting connection with a detection connection (32,38; 34,36), and, according to the displacement position of the control device (18), interconnect at least one part of the connections of the fluid connection arrangement (10) in a fluid-guiding manner, the control device can be brought with precision into the required functional positions, with a favourable dynamic driving behaviour.

IPC 8 full level
F15B 13/04 (2006.01)

CPC (source: EP US)
F15B 13/0417 (2013.01 - EP US); **Y10T 137/7758** (2015.04 - EP US); **Y10T 137/86614** (2015.04 - EP US); **Y10T 137/8663** (2015.04 - EP US);
Y10T 137/8671 (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 2009062572 A1 20090522; DE 102007054137 A1 20090528; DK 2220380 T3 20130204; EP 2220380 A1 20100825;
EP 2220380 B1 20121219; JP 2011503480 A 20110127; JP 5462178 B2 20140402; US 2010300552 A1 20101202; US 8464757 B2 20130618

DOCDB simple family (application)
EP 2008008519 W 20081009; DE 102007054137 A 20071114; DK 08850047 T 20081009; EP 08850047 A 20081009;
JP 2010533449 A 20081009; US 73428908 A 20081009