

Title (en)

A hydraulic device for controlling an actuator.

Title (de)

Hydraulische Vorrichtung zur Steuerung eines Stellantriebes

Title (fr)

Dispositif hydraulique pour commander un actionneur

Publication

**EP 2189666 B1 20110727 (EN)**

Application

**EP 08425741 A 20081120**

Priority

EP 08425741 A 20081120

Abstract (en)

[origin: EP2189666A1] A hydraulic device for controlling an actuator (2), comprises a body (8) having a first conduit (9; 109) destined to be connected to a first chamber (3) of the actuator (2), the body (8) having a second conduit (10; 110) destined to be connected to a second chamber (4) of the actuator (2), a control valve (15) being arranged along the first conduit (9; 109) in order to enable an operating fluid to be selectively discharged from the first chamber (3), the control valve (15) comprising an obturator element (16); the hydraulic device further comprises a pilot valve (20) for sending a pilot fluid to the control valve (15) such as to move the obturator element (16) in a controlled way, a component (34) having a hydraulic resistance being arranged along the first conduit (9; 109), the body (8) having a connecting conduit (32) connecting the first conduit (9; 109) and the second conduit (10; 110) in order to send the operating fluid coming from the first chamber (3) towards the second chamber (4).

IPC 8 full level

**E02F 9/22** (2006.01); **F15B 11/024** (2006.01); **F15B 11/044** (2006.01)

CPC (source: EP)

**E02F 9/2203** (2013.01); **E02F 9/226** (2013.01); **F15B 11/003** (2013.01); **F15B 11/024** (2013.01); **F15B 11/044** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/3058** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/46** (2013.01); **F15B 2211/473** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/765** (2013.01)

Cited by

CN112879359A; JP2013007175A; EP2610503A3; CN106687695A; GB2472135A; GB2472135B; US8701396B2; US11225981B2; US8667865B2; US10247209B2; WO2016009369A3

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