

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

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 2189666 A1 20100526; EP 2189666 B1 20110727

DOCDB simple family (application)

EP 08425741 A 20081120