

Title (en)

ELECTRO-HYDRAULIC ACTUATOR

Publication

**EP 0081703 B1 19860226 (DE)**

Application

**EP 82110794 A 19821123**

Priority

DE 3148174 A 19811205

Abstract (en)

[origin: EP0081703A1] 1. Electrohydraulic positioning drive having a reversible pump (11) which is driven by an electric motor (10) and delivers pressure medium, in each case via one of two pressure lines (12, 13), to a double-acting adjusting member (16), an adjustable throttle means (22, 25) being connected onto the pressure lines, by means of which throttle means (22, 25) a connection can be made to a chamber of low pressure, characterised in that the adjusting member is a directional control valve (16), the slide valve (17) of which is acted upon on both sides by centering springs (18, 19), in that a throttle valve (22, 25) is connected on each directional control valve chamber (14, 15) acted upon by the pump, which throttle valve (22, 25) is connected to a chamber (21) of lower pressure, and in that the throttle valves are coupled and are adjustable in opposite directions.

IPC 1-7

**F15B 7/00**; **F15B 13/042**

IPC 8 full level

**F15B 11/08** (2006.01); **F15B 7/00** (2006.01); **F15B 13/04** (2006.01); **F15B 13/042** (2006.01)

CPC (source: EP)

**F15B 7/006** (2013.01); **F15B 13/0402** (2013.01)

Citation (examination)

- US 4218884 A 19800826 - GOLD HAROLD [US]
- DE 2940403 A1 19810409 - REXROTH GMBH G L [DE]

Cited by

EP0482329A1; US4872310A; EP0665381A1; EP0362592A3; GB2422862A; GB2163875A; FR2573169A1; US7610754B2; DE202013002862U1; DE102013005127A1; WO2009071264A1; WO9003908A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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**EP 82110794 A 19821123**; DE 3148174 A 19811205; DE 3269488 T 19821123; JP 20624482 A 19821126