

Title (en)
Electrohydraulic control device

Title (de)
Elektrohydraulische Steuereinrichtung

Title (fr)
Dispositif de commande électrohydraulique

Publication
EP 1039145 B1 20040512 (DE)

Application
EP 00100019 A 20000104

Priority
DE 19913205 A 19990324

Abstract (en)
[origin: EP1039145A2] The controller controls the flow of hydraulic medium to a hydraulic control motor depending on electrical input signals to a magnetic drive that displaces a control sliding element in a valve housing from a spring-centered central position into working positions on either side. The sliding element is centered by a dual action restoring device, whereby inner and outer springs are arranged mutually concentrically on the same side of the control sliding element. A first adjuster has a first spring plate (34) in the form of a toothed wheel (43) and an externally adjustable setting spindle (45). A second spring plate (36) in the form of a toothed wheel (53) forms part of a transmission (57) externally adjustable via a second setting spindle (56).

IPC 1-7
F15B 13/044

IPC 8 full level
F15B 13/04 (2006.01); **F15B 13/044** (2006.01)

CPC (source: EP)
F15B 13/0402 (2013.01); **F15B 13/044** (2013.01)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1039145 A2 20000927; EP 1039145 A3 20010228; EP 1039145 B1 20040512; DE 19913205 A1 20000928; DE 50006372 D1 20040617

DOCDB simple family (application)
EP 00100019 A 20000104; DE 19913205 A 19990324; DE 50006372 T 20000104