

Title (en)
Electrohydraulic servovalve

Title (de)
Elektrohydraulisches Servoventil

Title (fr)
Servo-valve électro-hydraulique

Publication
EP 1655477 B1 20070815 (DE)

Application
EP 05109508 A 20051013

Priority
DE 102004053271 A 20041104

Abstract (en)
[origin: EP1655477A1] The valve has an actuator sided return (17) that is attached to a control valve sided return (22). The return (17) has a backstroke stop valve (25) for blocking an actuator piston area (8) and is throttled. The actuator piston area interacts with a balancing area in which an elastic compressible balanced body is arranged. The actuator sided return is attached within a valve body containing control valve and a switching valve (3). An independent claim is also included for a fuel injection device.

IPC 8 full level
F02M 47/02 (2006.01); **F02M 55/00** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)
F02M 47/025 (2013.01); **F02M 47/027** (2013.01); **F02M 55/002** (2013.01); **F02M 63/0031** (2013.01); **F02M 2200/315** (2013.01)

Cited by
US11220980B2; EP2053234A3; EP2910767A1; FR3017905A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1655477 A1 20060510; EP 1655477 B1 20070815; DE 102004053271 A1 20060511; DE 502005001239 D1 20070927

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