

Title (en)
Double acting electromagnetic actuator

Title (de)
Elektromechanischer Doppelhubmagnet

Title (fr)
Electro-aimant de commande à double effet

Publication
EP 0859380 B1 20020605 (DE)

Application
EP 97117126 A 19971002

Priority
DE 19705598 A 19970214

Abstract (en)
[origin: EP0859380A2] The double acting proportional electro magnetic actuator system 11 has an armature 33 with an axial in line displacement sensor 12. The actuator has two coils 18,19 with a magnet flux conducting centre disc 35 with stator poles . Poles are formed on the armature. A spring 47 provides a fail safe position for the valve. An additional rotary motion is provided by the excitation of both coils

IPC 1-7
H01F 7/17

IPC 8 full level
F16K 31/06 (2006.01); **H01F 7/16** (2006.01); **H01F 7/17** (2006.01)

CPC (source: EP)
H01F 7/17 (2013.01); **H01F 2007/1684** (2013.01)

Cited by
WO2009024337A1; WO0016357A1

Designated contracting state (EPC)
DE GB IT

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EP 0859380 A2 19980819; EP 0859380 A3 19981118; EP 0859380 B1 20020605; DE 19705598 A1 19980820; DE 59707411 D1 20020711; JP H10233312 A 19980902

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