

Title (en)
ELECTROVALVE

Title (de)
ELEKTROVENTIL

Title (fr)
ÉLECTROVALVE

Publication
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Application
EP 07825500 A 20071018

Priority
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Abstract (en)
[origin: WO2008050227A2] A solenoid valve comprises a hollow body (2); an inlet duct (3) to allow the inflow of a fluid into the hollow body (2); an outlet duct (4) to allow the outflow of the fluid from the hollow body (2); a plunger (8) located in the hollow body (2) and reversibly movable between a closed position in which it prevents the transit of the fluid from the inlet duct (3) to the outlet duct (5), and an open position in which it allows the transit of the fluid from the inlet duct (3) to the outlet duct (5); and a slider (9) for activating the plunger (8) on which a pressure is exercised by the fluid in the inlet duct (3). The solenoid valve furthermore comprises means (12) of compensating the pressure exercised on the slider (9) which, in response to a command for opening the plunger (8), originate a pressure on the slider (9) which counteracts said pressure exercised on the slider (9) by the fluid in the inlet duct (3).

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CPC (source: EP)
F16K 31/0655 (2013.01); **F16K 39/024** (2013.01)

Citation (search report)
See references of WO 2008050227A2

Citation (examination)
• WO 03045352 A2 20030605 - ALZA CORP [US]
• FR 2852301 A1 20040917 - VALOIS SAS [FR]

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