

Title (en)
ELECTROMAGNET VALVE

Title (de)
ELEKTROMAGNETVENTIL

Title (fr)
SOUPAPE ÉLECTROMAGNÉTIQUE

Publication
EP 2543050 A1 20130109 (DE)

Application
EP 11701401 A 20110128

Priority
• DE 102010010187 A 20100303
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Abstract (en)
[origin: WO2011107310A1] An electromagnet valve with an electromagnetic circuit which comprises a coil wound onto a coil former, an armature, a core and a magnetic return device, wherein the armature is substantially hollow and is mounted movably with an inwardly directed face thereof on a guide pin, and at least that surface of the guide pin (12) which points radially outwards forms a first part (13), which is directed towards the core (6) and can be magnetized, and forms a second part (14), which is directed towards the armature (5) and cannot be magnetized, in such a way that a control edge (15) is formed between the first part (13) and the second part (14).

IPC 8 full level
H01F 7/08 (2006.01); **F16K 31/06** (2006.01); **H01F 7/13** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2011107310A1

Designated contracting state (EPC)
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