

Title (en)
SOLENOID VALVE

Title (de)
ELEKTROMAGNETVENTIL

Title (fr)
ÉLECTROVANNE

Publication
EP 2269198 A1 20110105 (DE)

Application
EP 09735881 A 20090216

Priority
• EP 2009051782 W 20090216
• DE 102008020042 A 20080421

Abstract (en)
[origin: WO2009130072A1] Solenoid valve having an electromagnetic circuit which comprises a coil (4) which is wound onto a coil carrier (3), an armature (6), an adjustable core (5), a return plate (7) and a yoke (8), wherein the moveable armature is mounted in the coil carrier using means and acts at least indirectly on a valve-closing element, wherein the coil carrier (3) comprises a dimensionally and temperature-stable material, wherein the core (5) is arranged in the coil carrier via a direct interlocking connection.

IPC 8 full level
H01F 7/126 (2006.01); **F16K 31/06** (2006.01); **H01F 5/02** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP US)
F16K 31/0655 (2013.01 - EP US); **H01F 5/02** (2013.01 - EP US); **H01F 7/126** (2013.01 - EP US); **H01F 7/1607** (2013.01 - EP US)

Citation (search report)
See references of WO 2009130072A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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DE 102008020042 A1 20091022; CN 102017027 A 20110413; CN 102017027 B 20150603; EP 2269198 A1 20110105; JP 2011520068 A 20110714; US 2011037006 A1 20110217; US 9117577 B2 20150825; WO 2009130072 A1 20091029

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