

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)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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**DE 102008020042 A 20080421**; CN 200980114000 A 20090216; EP 09735881 A 20090216; EP 2009051782 W 20090216; JP 2011505439 A 20090216; US 98851909 A 20090216