

Title (en)
SOLENOID VALVE WITHOUT A RESIDUAL AIR GAP DISK

Title (de)
MAGNETVENTIL OHNE RESTLUFTSPALTSCHIEBE

Title (fr)
ELECTROVANNE SANS DISQUE D'ENTREFER RESIDUEL

Publication
EP 2279343 B1 20120201 (DE)

Application
EP 09730740 A 20090204

Priority
• EP 2009051243 W 20090204
• DE 102008001122 A 20080410

Abstract (en)
[origin: US2011049406A1] The invention relates to a solenoid valve having a magnet assembly and a magnetic top in which a magnetic coil is embedded. The solenoid valve also comprises an armature assembly with an armature bolt and/or armature plate in one or many parts. The armature plate has, according, to the invention, in a radially inner area, a recess that surrounds the area and that defines the height of the remanent air gap.

IPC 8 full level
F02M 63/00 (2006.01); **F16K 31/06** (2006.01)

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F02M 63/0021 (2013.01 - EP US); **F02M 63/0024** (2013.01 - EP US); **F02M 63/0075** (2013.01 - EP US); **H01F 7/081** (2013.01 - EP US)

Cited by
CN108474338A

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DOCDB simple family (publication)
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