

Title (en)
Electromagnet

Title (de)
Elektromagnet

Title (fr)
Electroaimant

Publication
EP 1855296 A3 20090304 (DE)

Application
EP 07007660 A 20070414

Priority
DE 102006021927 A 20060511

Abstract (en)
[origin: EP1855296A2] The electromagnet (1) has a cylindrical magnetic armature (7) movably guided in a case (18), and a pole core (10) oppositely arranged at a front side of the armature. An anti-adhesive disk (28) made of a non-magnetic material is arranged between the armature and the pole core. A ring-like elevation (26) formed at the pole core projects above a surface (32) that is turned to the armature. A groove is radially formed at an inner side of the elevation, and the anti-adhesive disk is fastened to the pole core by engagement in the groove in a firm-fitting manner.

IPC 8 full level
H01F 7/16 (2006.01); **H01F 7/04** (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP)
H01F 7/1607 (2013.01); **H01F 2007/085** (2013.01); **H01F 2007/086** (2013.01); **H01F 2007/1661** (2013.01)

Citation (search report)
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• [A] EP 0465813 A1 19920115 - BOSCH GMBH ROBERT [DE]
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EP2808878A1; EP2325850A4; US8505874B2; US8350651B2; US8757586B2; WO2010012394A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

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