

Title (en)
DC electromagnet

Title (de)
Gleichstrom-Elektromagnet

Title (fr)
Electroaimant à courant continu

Publication
EP 1351262 A3 20041208 (DE)

Application
EP 03003903 A 20030221

Priority
DE 10215018 A 20020405

Abstract (en)
[origin: EP1351262A2] The armature (60) is guided (40) during its stroke. Its tip (64) points to the center of the yoke (10) bridging section (12). A V-shaped air gap (22) between them, is defined by surfaces (15, 65) at an angle to the armature axis.

IPC 1-7
H01F 7/16; **H01H 50/16**; **H01H 50/20**

IPC 8 full level
H01H 50/16 (2006.01); **H01H 50/20** (2006.01); **H01F 7/08** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP US)
H01H 50/163 (2013.01 - EP US); **H01H 50/20** (2013.01 - EP US); **H01F 7/081** (2013.01 - EP US); **H01F 7/1607** (2013.01 - EP US)

Citation (search report)

- [X] GB 532905 A 19410203 - IGRANIC ELECTRIC CO LTD, et al
- [DA] US 4700165 A 19871013 - BRISSON ALAIN [FR], et al
- [A] CH 366333 A 19621231 - RENAULT [FR]
- [A] DE 2530536 A1 19770113 - LICENTIA GMBH

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

DOCDB simple family (publication)
EP 1351262 A2 20031008; **EP 1351262 A3 20041208**; **EP 1351262 B1 20080820**; AT E405939 T1 20080915; DE 10215018 A1 20031023; DE 50310337 D1 20081002; ES 2312673 T3 20090301; US 2003189474 A1 20031009; US 6731191 B2 20040504

DOCDB simple family (application)
EP 03003903 A 20030221; AT 03003903 T 20030221; DE 10215018 A 20020405; DE 50310337 T 20030221; ES 03003903 T 20030221; US 40779303 A 20030404