

Title (en)

DC electromagnet

Title (de)

Gleichstrom-Elektromagnet

Title (fr)

Electroaimant à courant continu

Publication

**EP 1351262 B1 20080820 (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 8 full level

**H01F 7/16** (2006.01); **H01H 50/16** (2006.01); **H01H 50/20** (2006.01); **H01F 7/08** (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)

Designated contracting state (EPC)

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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