

Title (en)

Electromagnetic switch element with arcuate pole faces

Title (de)

Elektromagnetisches Schaltelement mit gekrümmten Polflächen

Title (fr)

Élément de commutation électromagnétique à faces polaires courbés

Publication

EP 1511051 A3 20060607 (DE)

Application

EP 04104122 A 20040827

Priority

AT 5882003 U 20030828

Abstract (en)

[origin: EP1511051A2] An armature (8) has switching contacts (SC) and is kept moving between a first switching position, in which it is set apart from a yoke (9), and a second switching position, in which it is directly next to the yoke. The armature's SC works together with stationary switching contacts in both switching positions, in order to carry out different switching conditions.

IPC 8 full level

H01H 50/16 (2006.01); **H01F 3/14** (2006.01); **H01H 50/22** (2006.01); **H01F 7/16** (2006.01); **H01H 50/46** (2006.01)

CPC (source: EP)

H01H 50/163 (2013.01); **H01H 50/22** (2013.01); **H01F 3/14** (2013.01); **H01F 7/1638** (2013.01); **H01F 2007/085** (2013.01); **H01H 50/46** (2013.01)

Citation (search report)

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- [X] US 4577174 A 19860318 - LEMMER HELMUT [DE]
- [A] US 6232864 B1 20010515 - HOSOZAWA TAKASHI [JP], et al & JP H04329609 A 19921118 - HITACHI FERRITE LTD
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 173 (E - 1345) 2 April 1993 (1993-04-02)

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DOCDB simple family (application)

EP 04104122 A 20040827; AT 5882003 U 20030828