

Title (en)

Electromagnetic multipolar switch

Title (de)

Elektromagnetischer mehrpoliger Schalter

Title (fr)

Appareil électromagnétique de commutation de type multipolaire

Publication

**EP 1061542 B1 20060510 (FR)**

Application

**EP 00401709 A 20000616**

Priority

- FR 9907879 A 19990618
- FR 0005670 A 20000502

Abstract (en)

[origin: EP1061541A1] The commutation poles (C1,C2,C3) and the current lines are arranged within the module housing to realise a motor control function of reverse, star-delta, or distributor type. The pole control unit constituted by an electromagnet (E1) and its control circuit, displaced relative to the commutation poles and current lines in a direction perpendicular to the rear mounting wall of the module. The size of the module is thus reduced and approximately equal to that of the main associated apparatus.

IPC 8 full level

**H01F 7/06** (2006.01); **H01H 1/54** (2006.01); **H01H 51/00** (2006.01); **H01H 9/26** (2006.01); **H01H 47/00** (2006.01); **H01H 51/24** (2006.01);  
**H02P 1/30** (2006.01); **H02P 1/40** (2006.01); **H02P 3/20** (2006.01); **H02P 5/00** (2006.01); **H01H 89/06** (2006.01)

CPC (source: EP US)

**H01H 1/54** (2013.01 - EP US); **H01H 51/005** (2013.01 - EP US); **H01H 89/06** (2013.01 - EP US)

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DE102004001073B4

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1061542 A1 20001220; EP 1061542 B1 20060510;** AR 024383 A1 20021002; AT E339772 T1 20061015; AU 4090100 A 20001221;  
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CN 1148766 C 20040505; CN 1291780 A 20010418; DE 60027819 D1 20060614; DE 60027819 T2 20061102; DE 60030627 D1 20061026;  
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DOCDB simple family (application)

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