

Title (en)

Contact system for a low voltage switch

Title (de)

Kontaktsystem für einen Niederspannungsschalter

Title (fr)

Système de contact pour un interrupteur à basse tension

Publication

**EP 1420432 A3 20040908 (DE)**

Application

**EP 03023418 A 20031017**

Priority

DE 10252741 A 20021113

Abstract (en)

[origin: EP1420432A2] The contact system has a switch piece (10) for each pole of the low voltage (LV) switch, supported in the switch housing via a floating bearing and acted on by a contact spring. The switch housing has a first stop cooperating with a first switch piece section at the end of the opening movement and a second stop cooperating with a second section of the switch piece, offset angularly from the first stop. A bearing pin (15) of the switch piece is supported within an elongate opening (27) for providing the floating bearing, the longitudinal direction of the opening extending parallel to the acting direction of the contact spring and allowing a rotation of the switch piece after abutting the second stop about a rotation point provided by the latter.

IPC 1-7

**H01H 77/10**; H01H 71/24

IPC 8 full level

**H01H 3/60** (2006.01); **H01H 77/10** (2006.01); **H01H 1/22** (2006.01); **H01H 1/50** (2006.01)

CPC (source: EP)

**H01H 3/60** (2013.01); **H01H 77/104** (2013.01); **H01H 1/225** (2013.01); **H01H 1/50** (2013.01)

Citation (search report)

- [AD] DE 3411275 A1 19841004 - SIEMENS ALLIS INC [US]
- [A] US 6259048 B1 20010710 - CASTONGUAY ROGER N [US], et al
- [A] EP 0889498 A2 19990107 - AEG NIEDERSpannungSTECH GMBH [DE]
- [A] EP 0903763 A2 19990324 - SIEMENS ENERGY & AUTOMAT [US]
- [AD] US 5258733 A 19931102 - LINK DONALD A [US], et al

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CN102376497A; CN108597921A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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