

Title (en)

Electromagnetic relay and method for its manufacture

Title (de)

Elektromagnetisches Relais und Verfahren zu dessen Herstellung

Title (fr)

Relais électromagnétique et méthode pour sa fabrication

Publication

EP 0768693 A3 20000412 (DE)

Application

EP 96115680 A 19960930

Priority

DE 19537612 A 19951009

Abstract (en)

[origin: US5929730A] A single or double relay is provided. The relay has a base and a coil body. Each relay has a coil with an axis parallel to the bottom side of the base, an angled yoke and a plate-shaped armature. The armature is connected to a contact spring that is split into two fork-like legs. A contact leg carries a movable contact and a terminal leg that is connected to a spring carrier in the region in front of the movable armature end. With the double relay, the two armatures lie parallel at opposite ends of the base. The design yields a simple assembly with good heat dissipation particularly for a double relay for high switching currents.

IPC 1-7

H01H 49/00; **H01H 50/14**; **H01H 50/28**; **H01H 50/60**

IPC 8 full level

H01H 49/00 (2006.01); **H01H 50/04** (2006.01); **H01H 50/14** (2006.01); **H01H 50/28** (2006.01); **H01H 50/36** (2006.01); **H01H 50/44** (2006.01); **H01H 50/56** (2006.01); **H01H 50/58** (2006.01); **H01H 50/60** (2006.01); **H01H 51/06** (2006.01); **H01H 51/20** (2006.01)

CPC (source: EP US)

H01H 49/00 (2013.01 - EP US); **H01H 50/14** (2013.01 - EP US); **H01H 50/28** (2013.01 - EP US); **H01H 50/60** (2013.01 - EP US); **H01H 2011/0087** (2013.01 - EP US); **H01H 2050/049** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

US 5929730 A 19990727; AT E210336 T1 20011215; DE 19537612 C1 19970109; DE 59608358 D1 20020117; EP 0768693 A2 19970416; EP 0768693 A3 20000412; EP 0768693 B1 20011205; JP H09147719 A 19970606

DOCDB simple family (application)

US 72347896 A 19961009; AT 96115680 T 19960930; DE 19537612 A 19951009; DE 59608358 T 19960930; EP 96115680 A 19960930; JP 26881496 A 19961009