

Title (en)
Relay

Title (de)
Relais

Title (fr)
Relais

Publication
EP 1271593 A3 20050105 (EN)

Application
EP 02013166 A 20020614

Priority

- EP 02013166 A 20020614
- EP 01115209 A 20010622

Abstract (en)

[origin: EP1271593A2] The invention relates to a relay designed with integral parts to simplify assembly, reduce manufacturing costs, and increase strength. The relay has a coil base member (1). The coil base member (1) has a base member (6) and a coil member (5) integrally connected. The base member (6) has an upper side (11), side faces (12) and a bottom surface (13). The coil member (5) has inner sides (8). The coil base member (1) has a side opening (10) that extends from the inner sides (8) of the coil member (5) to the upper side (11) of the base member (6) and to the side faces (12) and bottom surface (13) of the base member (6). <IMAGE>

IPC 1-7
H01H 50/04

IPC 8 full level
H01H 50/04 (2006.01); **H01H 50/24** (2006.01); **H01H 50/36** (2006.01); **H01H 50/44** (2006.01); **H01H 50/54** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP)
H01H 50/042 (2013.01); **H01H 50/24** (2013.01); **H01H 50/36** (2013.01); **H01H 50/44** (2013.01); **H01H 50/548** (2013.01); **H01H 50/642** (2013.01);
H01H 2050/046 (2013.01); **H01H 2050/446** (2013.01)

Citation (search report)

- [X] US 4914411 A 19900403 - HIKITA HIROSHI [JP], et al
- [X] US 5952904 A 19990914 - DONEGHUE JEFFREY A [US]
- [X] EP 0375398 A2 19900627 - MATSUSHITA ELECTRIC WORKS LTD [JP]
- [A] US 4420733 A 19831213 - PALANDRI FABIO V [IT]
- [A] EP 0784330 A2 19970716 - OMRON TATEISI ELECTRONICS CO [JP]
- [A] DE 19718985 C1 19981008 - SCHRACK COMPONENTS AG [AT]

Cited by
DE102007024128A1; WO2008141741A1; EP3389073A4; EP2528080A1; EP3051557A1; WO2016120482A1; US10770251B2; US10825629B2;
US8253519B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1271593 A2 20030102; EP 1271593 A3 20050105

DOCDB simple family (application)
EP 02013166 A 20020614