

Title (en)

Small sized monostable electromagnetic relay

Title (de)

Elektromagnetisches, monostabiles Kleinrelais

Title (fr)

Rélais électromagnétique monostable de petite dimension

Publication

EP 0780870 A3 19981007 (DE)

Application

EP 96118482 A 19961118

Priority

DE 19548057 A 19951221

Abstract (en)

[origin: EP0780870A2] An electromagnetic relay including a base (1) forming a basic plane with its floor face (11) and has contact pins (15,16) secured in the carrier (13) for the fixed contact posts(14). A tilting or rocking armature (3) is arranged over the base (1) and has a coil (7) arranged above it the coil having one axis parallel to the basic plane and the other normal to the axis of rotation of the armature. A core (74) arranged axially in the coil (7) has a yoke (154,155) at either end, each yoke extending downwards normal to the basic plane, and with the ends of the yokes interacting with the armature (3). The first yoke (155) has a L-shaped obliquely angled bearing limb (156) which extends parallel to the coil (7) axis and forms a mounting point (158) under the centre of the coil for the armature (3).

IPC 1-7

H01H 50/36

IPC 8 full level

H01H 50/24 (2006.01); **H01H 50/36** (2006.01); **H01H 50/14** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)

H01H 50/36 (2013.01 - EP US); **H01H 50/14** (2013.01 - EP US); **H01H 50/24** (2013.01 - EP US); **H01H 51/2281** (2013.01 - EP US)

Citation (search report)

- [A] FR 2623935 A1 19890602 - GEPE [FR]
- [A] DE 4404442 A1 19950817 - SIEMENS AG [DE]
- [A] DE 4309618 A1 19940929 - SIEMENS AG [DE]
- [DA] US 3317871 A 19670502 - ADAMS ANDREW O

Cited by

EP2645398A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0780870 A2 19970625; **EP 0780870 A3 19981007**; JP H09190755 A 19970722; US 5734308 A 19980331

DOCDB simple family (application)

EP 96118482 A 19961118; JP 33417796 A 19961213; US 76985096 A 19961219