

Title (en)

ELECTROMAGNETIC RELAY WITH A SWIVEL-MOUNTED ARMATURE WITHIN THE BOBBIN

Publication

EP 0118040 B1 19860813 (DE)

Application

EP 84101122 A 19840203

Priority

DE 3303666 A 19830203

Abstract (en)

[origin: US4543550A] An electromagnetic relay includes an armature 1 supported in a central longitudinal bore 12 of a one-part bobbin 2 by means of a bearing which includes a first pair of curved bearing surfaces 1a, 1b, formed on the armature 1 and engaging a second pair of supplementarily curved bearing surfaces 2a, 2b, formed in the bore walls. The first bearing surfaces 1a, 1b may be either cylindrical in which case cylindrical second bearing surfaces 2a, 2b are formed in ribs 2c, 2d projecting inwardly from opposite bore walls, or spherical in which case spherical second bearing surfaces are formed directly in opposite bobbin walls.

IPC 1-7

H01H 50/18; **H01H 51/22**

IPC 8 full level

H01H 50/18 (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)

H01H 50/18 (2013.01 - EP US); **H01H 51/2281** (2013.01 - EP US)

Cited by

US4772865A; US6420951B1; WO9833194A1; EP0480908B1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0118040 A1 19840912; **EP 0118040 B1 19860813**; AT E21468 T1 19860815; CA 1202345 A 19860325; DE 3303666 A1 19840809; DE 3460440 D1 19860918; US 4543550 A 19850924

DOCDB simple family (application)

EP 84101122 A 19840203; AT 84101122 T 19840203; CA 446663 A 19840202; DE 3303666 A 19830203; DE 3460440 T 19840203; US 57482284 A 19840130