

Title (en)
ARMATURE HOLDING STRUCTURE AND HINGE-SPRING USED THEREIN

Publication
EP 0063488 A3 19830907 (EN)

Application
EP 82301985 A 19820416

Priority
• JP 5458781 U 19810417
• JP 5663481 U 19810421

Abstract (en)
[origin: EP0063488A2] An armature holding structure in an electromagnetic relay uses a hinge-spring in the form of a wire spring (3). One end (31) of the wire spring (3) is held in a hole (131) in the yoke (13) of the electromagnet (1) and the other end (35) of the wire spring (3) is held in a hole (22) in the armature (2) so that the pivot support structure for the armature (2) at the end of the yoke (13) is maintained by the wire spring (3). Since the hinge-spring (3) is of wire, the holes (131, 22) for its ends (31, 35) can be small, so that these holes (131, 22) have little effect on the magnetic reluctance of the armature (2) and the yoke (13).

IPC 1-7
H01H 50/26

IPC 8 full level
H01F 7/08 (2006.01); **H01H 50/04** (2006.01); **H01H 50/26** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP)
H01F 7/08 (2013.01); **H01H 50/041** (2013.01); **H01H 50/042** (2013.01); **H01H 50/26** (2013.01); **H01H 50/642** (2013.01)

Citation (search report)
• [A] DE 2558065 A1 19770630 - SIEMENS AG
• [A] DE 1940185 U 19660608 - SIEMENS AG [DE]
• [A] GB 1224151 A 19710303 - FERNSPRECHER GMBH MARBURG LAHN [DE]
• [AP] DE 8105545 U1 19810917

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CN112262452A; CN113586744A

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0063488 A2 19821027; EP 0063488 A3 19830907; EP 0063488 B1 19860820; DE 3272679 D1 19860925

DOCDB simple family (application)
EP 82301985 A 19820416; DE 3272679 T 19820416