

Title (en)

ELECTROMAGNETIC MOVABLE-ARMATURE RELAY WITH ONE OR MORE CHANGE-OVER CONTACTS

Publication

EP 0011668 B1 19831207 (DE)

Application

EP 79101281 A 19790428

Priority

DE 2848936 A 19781109

Abstract (en)

[origin: EP0011668A1] 1. An electromagnetic tilting armature relay having one or more throw-over contacts, in which respect the central contact is held by spring force in the open position, and is moved by an armature-actuated tappet into the closed position, in which respect each central contact consists of the combination of a stationary contact lever with a contact lever mounted swingably thereon and in which respect a tension spring extending approximately in the direction of the contact plane is fastened on the one hand to the end of the contact carrier remote from the contacting and on the other hand to the movable contact lever in the vicinity of the double contact rivet, characterised in that the contact lever (2) is supported on both sides in knife-edge bearings (16 to 19) and the tension spring (5) draws the contact lever (2) into its knife-edge bearing (16, 17) and at the same time serves for the transfer of the actuating force, in which respect the actuation of the contact lever (2) is effected through the tappet (9) pressing directly on the tension spring (5), after the lifting-off of which tappet (9) the contact lever (2) snaps back.

IPC 1-7

H01H 50/54; H01H 50/30; H01H 51/27

IPC 8 full level

H01H 50/54 (2006.01)

CPC (source: EP)

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CN112103137A; US4714470A; FR2560429A1; CN110137037A

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EP 0011668 A1 19800611; **EP 0011668 B1 19831207**; DE 2848936 A1 19800514

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