

Title (en)

Electromagnetic relay and method to adjust the electromagnetic relay

Title (de)

Elektromagnetisches Relais und Verfahren zur Justierung der Anzugsspannung des elektromagnetischen Relais

Title (fr)

Relais électromagnétique et procédé d'ajustage du relais électromagnétique

Publication

EP 0777248 A3 19980923 (DE)

Application

EP 96118334 A 19961115

Priority

DE 19544626 A 19951130

Abstract (en)

[origin: EP0777248A2] The relay has an armature (5) connected to a flat spring (6), which forms a switch contact spring and a restoring spring in one piece, and is mechanically and electrically connected to a load current connector (11) with a spring fixing region (11a) and a connection region (11b). The spring fixing region and the connecting region are flexible wrt. each other. The connecting region forms a flat plug part. The spring fixing region has a stamped section (19). The load current connector has a slot-shaped aperture (18) between the spring fixing and connecting regions.

IPC 1-7

H01H 49/00

IPC 8 full level

H01H 49/00 (2006.01); **H01H 50/28** (2006.01)

CPC (source: EP US)

H01H 49/00 (2013.01 - EP US); **H01H 2011/0087** (2013.01 - EP US)

Citation (search report)

- [A] EP 0281950 A1 19880914 - SIEMENS AG [DE]
- [A] FR 2541815 A1 19840831 - MATSUSHITA ELECTRIC WORKS LTD [JP], et al
- [DA] DE 4243854 C1 19940331 - HELLA KG HUECK & CO [DE]

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 96118334 A 19961115; DE 19544626 A 19951130; DE 59610951 T 19961115; ES 96118334 T 19961115; US 75411296 A 19961122