

Title (en)
ELECTROMAGNETIC MINIATURE RELAY

Publication
EP 0249025 A3 19880406 (DE)

Application
EP 87106524 A 19870506

Priority
DE 3615651 A 19860509

Abstract (en)
[origin: EP0249025A2] An electromagnetic miniature relay having a magnet system consisting of a magnet coil group and an armature arranged such that it can pivot on an end face of the magnet coil, and having a spring contact set which is arranged on the opposite end face of the magnet coil, is operated by the armature via a connecting web running parallel to the longitudinal axis of the magnet coil and is combined in a spring bracket, the magnet system, constructed around a preferably flat magnet coil, having a coil body flange constructed on the magnet armature end face as a coil connection support and armature holder, and being constructed in the form of a flat push-in unit for the rack in a modular-type housing, which has a spring bracket with spring contacts and connection tabs on the face opposite the open end face, and an operating web connecting the armature to the changeover contact spring is provided externally along a narrow longitudinal face of the modular-type housing, which web transmits the movements of the armature onto the changeover contact spring once the magnet system tack has been plugged into the modular-type housing, and that a dome, sealed up to a narrow longitudinal face, is provided which is designed in terms of its shape and dimensions to produce a positive locking retention of the modular-type pushed-in magnet system, and completely encloses the miniature relay designed in this way. <IMAGE>

IPC 1-7
H01H 50/04

IPC 8 full level
H01H 50/02 (2006.01); **H01H 50/04** (2006.01)

CPC (source: EP)
H01H 50/026 (2013.01)

Citation (search report)
• [A] EP 0161473 A2 19851121 - HENGSTLER GMBH [DE]
• [A] DE 8433019 U1 19850214
• [AP] DE 3539944 A1 19860528 - EICHHOFF ESPANOLA [ES]

Cited by
EP0367931A1; EP0463884A3; EP0501070B2

Designated contracting state (EPC)
AT DE FR IT

DOCDB simple family (publication)
EP 0249025 A2 19871216; EP 0249025 A3 19880406; EP 0249025 B1 19930317; EP 0249025 B2 19980603; AT E87123 T1 19930415; DE 3615651 A1 19871112; DE 3784776 D1 19930422; DE 8612616 U1 19880929

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