

Title (en)

Spool carrier and yoke of an electromagnetic actuator of a protective switching device, electromagnetic actuator and protective switching device

Title (de)

Spulenträger und Joch eines elektromagnetischen Auslösers eines Schutzschaltgerätes, elektromagnetischer Auslöser sowie Schutzschaltgerät

Title (fr)

Support de bobines et culasse d'un déclencheur électromagnétique d'un disjoncteur, déclencheur électromagnétique et disjoncteur

Publication

EP 2037478 A3 20100811 (DE)

Application

EP 08105035 A 20080813

Priority

DE 102007043869 A 20070914

Abstract (en)

[origin: EP2037478A2] The carrier (1) has a hollow cylindrical body (5) provided between a pair of end plates (11, 12) for accommodation of a coil. A set of projections (13) is provided respectively at front sides of the two end plates axially parallel to a longitudinal axis of the hollow cylindrical body of the coil carrier for fastening at a yoke (2). The projections are designed as cylindrical pins or as snatching noses. The projections are arranged coaxial to each other, and are arranged at side edges of the end plates. The carrier is made of plastic.

IPC 8 full level

H01H 71/24 (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)

H01F 5/02 (2013.01); **H01F 7/127** (2013.01); **H01H 71/2481** (2013.01); **H01F 2007/083** (2013.01); **H01H 71/2463** (2013.01)

Citation (search report)

- [XII] GB 2065375 A 19810624 - SONY CORP
- [XA] FR 2665017 A1 19920124 - TELEMECANIQUE [FR]
- [XA] US 5894257 A 19990413 - ROGER PATRICK [FR], et al

Cited by

CN107204696A; CN104167337A; CN109712850A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2037478 A2 20090318; **EP 2037478 A3 20100811**; CN 101388306 A 20090318; CN 101388306 B 20140611;
DE 102007043869 A1 20090409; DE 102007043869 B4 20160225

DOCDB simple family (application)

EP 08105035 A 20080813; CN 200810212068 A 20080912; DE 102007043869 A 20070914