

Title (en)
Electromagnetic relay

Title (de)
Elektromagnetisches Relais

Title (fr)
Relais électromagnétique

Publication
EP 2922080 A1 20150923 (EN)

Application
EP 14160833 A 20140320

Priority
EP 14160833 A 20140320

Abstract (en)
An electromagnetic relay comprises a core having a pole portion and an end portion, a coil being arranged around the pole portion of the core, and an armature being movable relative to the core between a first position and a second position. The coil is provided for generating a magnetic field that moves the armature from the first position to the second position. The armature comprises a hole. The end portion of the core is arranged in the hole when the armature is in the second position.

IPC 8 full level
H01H 50/16 (2006.01); **H01H 50/26** (2006.01); **H01H 50/34** (2006.01); **H01H 50/30** (2006.01)

CPC (source: EP)
H01H 50/163 (2013.01); **H01H 50/26** (2013.01); **H01H 50/34** (2013.01); **H01H 50/305** (2013.01)

Citation (applicant)
EP 1376636 B1 20130807 - TYCO ELECTRONICS CORP [US]

Citation (search report)
• [XY] DE 19625657 A1 19980102 - EUCHNER & CO [DE]
• [Y] US 2884574 A 19590428 - HENRY JAIDINGER JOHN
• [A] DE 898466 C 19531130 - SIEMENS AG

Cited by
CN108389756A; CN110459437A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2922080 A1 20150923; EP 2922080 B1 20170517

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