

Title (en)

Multi-part electromagnetic switch housing

Title (de)

Elektromagnetisches Schaltgerät mit einem mehrteiligen Gehäuse

Title (fr)

Interrupteur électromagnétique avec un boîtier constitué de plusieurs pièces

Publication

EP 0948016 A3 20001011 (DE)

Application

EP 99105335 A 19990316

Priority

DE 19814432 A 19980331

Abstract (en)

[origin: EP0948016A2] The electromagnetic switch has a contact space receiving the stationary and movable contacts and a drive space receiving a magnetic drive with a magnetic core, an electromagnetic coil and a movable magnetic armature, for operation of the movable contacts, defined by a multi-part switch housing. The drive space housing (100) has a magnetic core housing frame (10) and a magnetic armature housing frame (20) fitted together, with a base plate (30) secured to the open underside of the magnetic core housing frame.

IPC 1-7

H01H 50/04; **H01H 50/30**

IPC 8 full level

H01H 50/04 (2006.01); **H01H 50/02** (2006.01); **H01H 50/30** (2006.01)

CPC (source: EP)

H01H 50/042 (2013.01); **H01H 50/045** (2013.01); **H01H 50/021** (2013.01); **H01H 50/305** (2013.01); **H01H 2300/042** (2013.01)

Citation (search report)

- [X] US 3835425 A 19740910 - MIERENDORF R, et al
- [A] US 3060355 A 19621023 - JOHN KRIZIC ZELKO
- [A] DE 1138141 B 19621018 - WEYER & ZANDER K G

Cited by

FR2842346A1; EP2194554A3; US8427262B2; WO2022189058A1; WO2022189057A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0948016 A2 19991006; **EP 0948016 A3 20001011**; **EP 0948016 B1 20050831**; CN 1124630 C 20031015; CN 1230759 A 19991006; DE 19814432 C1 19991223; HK 1022209 A1 20000728

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