

Title (en)

Switching device and method for making a magnetic yoke for such a device

Title (de)

Elektrisches Schaltgerät und Verfahren zur Herstellung eines Magnetwinkels für ein solches

Title (fr)

Appareil de commutation électrique et procédé pour la fabrication d'une culasse magnétique pour un tel appareil

Publication

EP 0855730 A3 19990127 (DE)

Application

EP 97119990 A 19971114

Priority

DE 19702717 A 19970125

Abstract (en)

[origin: EP0855730A2] The switch device has a housing (10) containing a magnetic L-shape (30) carrying a coil (20). A core (32) of the coil (20) is arranged on the magnet (30). At least two connection clamps (35,50,60) are arranged in the housing (10). One clamp is connected to the magnet. An armature (42) is arranged in a sprung manner on the magnet. On actuation of the armature a contact is made between the connection clamps. The magnet (30), the core (32) and the clamp (35) connected to the magnet are formed of a bent one piece punched element. In the opened out state, the core (32) is formed as a separate, bendable tongue lying in the magnet angle.

IPC 1-7

H01H 50/36; **H01H 49/00**

IPC 8 full level

H01H 49/00 (2006.01); **H01H 50/36** (2006.01)

CPC (source: EP US)

H01H 49/00 (2013.01 - EP US); **H01H 50/36** (2013.01 - EP US); **H01H 2050/362** (2013.01 - EP US); **H01H 2050/365** (2013.01 - EP US)

Citation (search report)

- [Y] DE 264552 C
- [Y] EP 0199119 A1 19861029 - SIEMENS AG [DE]
- [Y] EP 0337097 A1 19891018 - STANDARD ELEKTRIK LORENZ AG [DE], et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0855730 A2 19980729; **EP 0855730 A3 19990127**; DE 19702717 A1 19980730; JP H10214555 A 19980811; US 5892423 A 19990406

DOCDB simple family (application)

EP 97119990 A 19971114; DE 19702717 A 19970125; JP 1113498 A 19980123; US 1006898 A 19980121