

Title (en)
Electromagnetic switching apparatus

Title (de)
Elektromagnetisches Schaltgerät

Title (fr)
Appareil interrupteur électromagnétique

Publication
EP 0948017 A3 20001011 (DE)

Application
EP 99104165 A 19990302

Priority
DE 19814399 A 19980331

Abstract (en)
[origin: EP0948017A2] The electromagnetic switch has a magnetic core and a magnetic armature secured to an armature mounting (7) via hooked extensions (121) on two opposite sides of the armature, defining suspension slots for locating the hooked ends (21) of at least two retaining straps (2), which are screwed to the armature mounting at their opposite ends.

IPC 1-7
H01H 50/18; **H01H 50/64**

IPC 8 full level
H01H 50/18 (2006.01); **H01H 50/64** (2006.01); **H01H 50/04** (2006.01)

CPC (source: EP)
H01H 50/18 (2013.01); **H01H 50/648** (2013.01); **H01H 50/045** (2013.01); **H01H 50/641** (2013.01)

Citation (search report)
• [A] FR 2307365 A1 19761105 - CEM COMP ELECTRO MEC [FR]
• [A] US 4338585 A 19820706 - VOLKE HANS-WERNER
• [A] DE 2408917 A1 19751120 - BBC BROWN BOVERI & CIE
• [A] DE 29622093 U1 19970227 - SIEMENS AG [DE]
• [DA] DE 1615938 B1 19711209 - CALOR EMAG ELEKTRIZITAETS AG

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0948017 A2 19991006; **EP 0948017 A3 20001011**; **EP 0948017 B1 20050824**; CN 1136597 C 20040128; CN 1233845 A 19991103; DE 19814399 C1 19991021; HK 1021773 A1 20000630

DOCDB simple family (application)
EP 99104165 A 19990302; CN 99103466 A 19990330; DE 19814399 A 19980331; HK 00100720 A 20000209