

Title (en)

Switch with a temperature sensitive switching mechanism

Title (de)

Schalter mit einem temperaturabhängigen Schaltwerk

Title (fr)

Interrupteur avec un mécanisme de commutation sensible à la température

Publication

**EP 1536445 A3 20060503 (DE)**

Application

**EP 05004787 A 19970110**

Priority

- DE 19609577 A 19960312
- EP 97100311 A 19970110

Abstract (en)

[origin: EP1536445A2] The switch has a housing (11) enclosing the temperature-dependent switch mechanism (12) having an electrically conductive housing base (14) and an electrically insulating housing cover (15), provided on its inside with a first counter-contact (21) for the switch mechanism, the housing base providing the second counter-contact (24) for the latter, so that a conductive connection is provided between the counter-contacts dependent on the temperature. A respective terminal electrode (34,41) is associated with each counter-contact, the housing base having an upwards projecting clip (28), used for retaining the housing cover and for contacting the terminal electrode associated with the housing base. An independent claim for a manufacturing method for an electrical switch with a temperature-dependent switch mechanism is also included.

IPC 8 full level

**H01H 37/54** (2006.01); **H01H 11/00** (2006.01); **H01H 37/04** (2006.01)

CPC (source: EP US)

**H01H 11/0056** (2013.01 - EP US); **H01H 37/04** (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US)

Citation (search report)

- [A] US 4710743 A 19871201 - GIVLER OMAR R [US]
- [A] EP 0626709 A2 19941130 - WAHLER GMBH & CO GUSTAV [DE]
- [A] DE 1515463 A1 19690626 - BUSCH JAEGER DUERENER METALL
- [A] DE 3122899 A1 19821230 - HOFSSASS P

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)

**EP 0795885 A2 19970917; EP 0795885 A3 19981118; EP 0795885 B1 20050504**; AT E294995 T1 20050515; DE 19609577 A1 19970918; DE 19609577 C2 19980219; DE 59712290 D1 20050609; EP 1536445 A2 20050601; EP 1536445 A3 20060503; ES 2241010 T3 20051016; PT 795885 E 20050729; US 5867085 A 19990202

DOCDB simple family (application)

**EP 97100311 A 19970110**; AT 97100311 T 19970110; DE 19609577 A 19960312; DE 59712290 T 19970110; EP 05004787 A 19970110; ES 97100311 T 19970110; PT 97100311 T 19970110; US 80848897 A 19970303