

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 0778599 A3 19980527 (DE)

Application

EP 96118727 A 19961122

Priority

DE 19546005 A 19951209

Abstract (en)

[origin: EP0778599A2] The switch has a housing (11) with a first lower housing part (15) and a second upper housing part (17) as a closure for the lower part (15). The switch has a temperature dependant switch mechanism (12) fitted in the lower housing part (15). For the switch mechanism (12), a first counter contact (23) is provided on the inner base (22) of the upper part (17). A second counter contact (27) is provided on the inner base (26) of the lower part (15). The switch mechanism (12) makes an electrically conductive connection between the two counter contacts in dependence on its temperature. The two counter contacts (23,27) can be contacted from outside through the associated housing part (14,16). At least the lower housing part (15) is made of insulating material. The second contact (27) is formed as a flat part which is held by a form fit in the lower part (15) as an integral carrier part.

IPC 1-7

H01H 37/54; **H01H 37/04**

IPC 8 full level

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

CPC (source: EP US)

H01H 37/5427 (2013.01 - EP US)

Citation (search report)

- [DY] DE 3122899 A1 19821230 - HOFSSASS P
- [Y] DE 2917557 A1 19801113 - HOFSSASS P
- [A] EP 0313674 A1 19890503 - TEMTECH TEMPERATUR TECHNIK HAN [DE]

Cited by

US6064295A; EP0858090A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)

EP 0778599 A2 19970611; **EP 0778599 A3 19980527**; **EP 0778599 B1 20010523**; AT E201530 T1 20010615; DE 19546005 A1 19970612; DE 19546005 C2 19990708; DE 59606949 D1 20010628; ES 2158214 T3 20010901; PT 778599 E 20010928; US 5867084 A 19990202

DOCDB simple family (application)

EP 96118727 A 19961122; AT 96118727 T 19961122; DE 19546005 A 19951209; DE 59606949 T 19961122; ES 96118727 T 19961122; PT 96118727 T 19961122; US 76085996 A 19961205