

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 0794546 A3 19981028 (DE)**

Application

**EP 97100576 A 19970116**

Priority

DE 19609310 A 19960309

Abstract (en)

[origin: EP0794546A2] The switch has a temp. dependent switch mechanism (12) in a housing (11). The housing has a lower part (14) on whose base (15) is arranged a first counter-contact (16) for the switch mechanism. The housing also has a cover (17) to close the lower part (14). A second counter-contact (19) for the switch mechanism is arranged on the inside of the cover. The switch mechanism makes an electrically conductive connection between the two contacts (16,19) in dependence on its temperature. The lower part (14) of the housing (11) is made of insulating material. The first counter contact (16) can be contacted from outside through a wall (13) of the lower part (14). The cover part (17) is made of electrically conductive material and also acts as the second counter-contact (19). The cover part is held on an upper edge of the lower part (14).

IPC 1-7

**H01H 37/54**; **H01H 37/04**; **H01H 11/00**

IPC 8 full level

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

CPC (source: EP US)

**H01H 11/00** (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US)

Citation (search report)

- [A] DE 8915123 U1 19900823
- [A] DE 2121802 A1 19730125 - THERMIK GERAETEBAU GMBH
- [A] EP 0453596 A1 19911030 - HOFSAESS P [DE]
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- [A] EP 0684623 A1 19951129 - TEXAS INSTRUMENTS INC [US]

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EP2541571A1; DE102014207174A1; EP3731254A1

Designated contracting state (EPC)

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

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**EP 0794546 A2 19970910**; **EP 0794546 A3 19981028**; **EP 0794546 B1 20030507**; AT E239975 T1 20030515; CA 2199302 A1 19970909; CA 2199302 C 19991221; DE 19609310 A1 19970911; DE 19609310 C2 19990715; DE 59710004 D1 20030612; DK 0794546 T3 20030602; ES 2197261 T3 20040101; PT 794546 E 20030930; US 5864278 A 19990126

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