

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 0795885 A3 19981118 (DE)

Application

EP 97100311 A 19970110

Priority

DE 19609577 A 19960312

Abstract (en)

[origin: EP0795885A2] The switch is enclosed in a housing (11) having a conductive underpart (14) with an insulating cover (15) whose inside face (22) carries one countercontact (21) for the switching element (12). The other countercontact (24) is formed by the underpart itself. The cover carries one captive electrode (34) connected electrically to the first countercontact, and another captive electrode (41) which is connected to the underpart when the cover is fastened to it. The moving contact (18) is retracted from the first countercontact by movement of the spring disc (16) and bimetallic snap disc (19).

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP US)

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

Citation (search report)

- [X] DE 3122899 A1 19821230 - HOFSSASS P
- [A] DE 8915123 U1 19900823
- [A] EP 0284916 A2 19881005 - HOFSSASS P
- [A] DE 4139091 A1 19930826 - HOFSSASS P [DE]
- [A] GB 2239827 A 19910717 - ELECTROVAC [AT]

Cited by

WO2008006385A1; EP4325541A1

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

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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