

Title (en)

Thermally actuated switch with contact bridge

Title (de)

Temperaturabhängiger Schalter mit Kontaktbrücke

Title (fr)

Interrupteur à commande thermique avec pont de contact

Publication

EP 0887826 A3 19990609 (DE)

Application

EP 98104100 A 19980307

Priority

DE 19727197 A 19970626

Abstract (en)

[origin: EP0887826A2] The switch (10) has a temperature-responsive switch mechanism (12) contained within housing (11) provided by a base (14) and a cooperating cover which are each made of an insulating material. A pair of stationary contacts (26,27) are applied to the inside of the cover and contacted by a contact bridge (29) in dependence on the temperature. The cover has a pocket (43) into which a pair of contact surfaces (44,45) coupled to the stationary contacts project, for bridging by a resistance (46) inserted in the pocket, to provide a self-holding function.

IPC 1-7

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

IPC 8 full level

H01H 1/50 (2006.01); **H01H 37/04** (2006.01); **H01H 37/54** (2006.01)

CPC (source: EP US)

H01H 1/504 (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US); **H01H 37/04** (2013.01 - EP US); **H01H 2300/052** (2013.01 - EP US)

Citation (search report)

- [Y] DE 8617033 U1 19860814
- [Y] EP 0453596 A1 19911030 - HOFSSASS P [DE]
- [A] EP 0741393 A2 19961106 - THERMIK GERAETEBAU GMBH [DE]
- [A] EP 0272696 A2 19880629 - INTER CONTROL KOEHLER HERMANN [DE]

Cited by

EP0951040A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0887826 A2 19981230; **EP 0887826 A3 19990609**; **EP 0887826 B1 20030730**; AT E246397 T1 20030815; DE 19727197 A1 19990204; DE 19727197 C2 19991021; DE 59809137 D1 20030904; ES 2206774 T3 20040516; PT 887826 E 20031231; US 5973587 A 19991026

DOCDB simple family (application)

EP 98104100 A 19980307; AT 98104100 T 19980307; DE 19727197 A 19970626; DE 59809137 T 19980307; ES 98104100 T 19980307; PT 98104100 T 19980307; US 10496498 A 19980625