

Title (en)  
Bimetallic protection switch.

Title (de)  
Bimetallschutzschalter.

Title (fr)  
Interrupteur de protection à bilame.

Publication  
**EP 0102574 A2 19840314 (DE)**

Application  
**EP 83108195 A 19830819**

Priority  
DE 3231136 A 19820821

Abstract (en)  
1. A bimetal protective switch, which in response to a temperature rise above a preselected value is opened by a bimetal element and which is held in an open state by a resistor that bypasses the switch, characterized in that the resistor (19) is a thick-film resistor and that the contact spring (10), the movable switch contact (11) and the fixed switch contact (12) of the bimetal protective switch are disposed on one side of an electrically insulating carrier (1) whereas the resistor (18) is disposed on the opposite side of the insulating carrier (1) and the latter is apertured between the resistor (18) and the contact spring (10).

Abstract (de)  
Es wird ein Bimetallschutzschalter beschrieben, welcher bei Überschreiten einer vorbestimmten Schalttemperatur öffnet und dann durch einen den Schalter überbrückenden Dickschichtwiderstand 18 offengehalten wird.

IPC 1-7  
**H01H 77/04**; **H01H 9/42**

IPC 8 full level  
**H01H 1/50** (2006.01); **H01H 77/04** (2006.01)

CPC (source: EP)  
**H01H 1/504** (2013.01); **H01H 77/04** (2013.01)

Cited by  
JPH0620571A; GB2252674A; GB2252674B; FR2686451A1; EP0290199A3; DE10235650A1; DE10235650B4; EP0272696A3; US5859579A; JPS63503020A; US5039843A; FR2688935A1; EP0507425A1; US5233325A; JPH05303931A; WO9520234A1; WO9503619A1; WO8704560A1

Designated contracting state (EPC)  
CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0102574 A2 19840314**; **EP 0102574 A3 19860416**; **EP 0102574 B1 19880601**; DE 3231136 A1 19840223; DE 3231136 C2 19840823; DE 8223614 U1 19850509

DOCDB simple family (application)  
**EP 83108195 A 19830819**; DE 3231136 A 19820821; DE 8223614 U 19820821