

Title (en)  
Switch with insulating support

Title (de)  
Schalter mit einem Isolierstoffträger

Title (fr)  
Interrupteur avec support isolant

Publication  
**EP 0994497 B1 20031126 (DE)**

Application  
**EP 99112917 A 19990705**

Priority  
DE 19847208 A 19981013

Abstract (en)  
[origin: EP0994497A2] The switch has an insulating carrier (16) incorporating 2 external terminals (11,14) between which a current path is provided via a temperature-responsive switching mechanism (19) having a switch element (22) which alters in geometric shape in dependence on the temperature, for movement between the closed and open switch positions. The switch element is mechanically and electrically connected in series with a setting element (21), with a flat serial resistance between one of the external terminals and one end of the setting element.

IPC 1-7  
**H01H 37/54**; **H01H 71/16**

IPC 8 full level  
**H01H 1/50** (2006.01); **H01H 37/54** (2006.01); **H01H 71/16** (2006.01)

CPC (source: EP US)  
**H01H 1/504** (2013.01 - EP US); **H01H 37/5418** (2013.01 - EP US); **H01H 37/5427** (2013.01 - EP US); **H01H 71/16** (2013.01 - EP US);  
**H01H 2037/5445** (2013.01 - EP US); **H01H 2037/5463** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DE 19847208 C2 20020516; DE 59907849 D1 20040108; ES 2210907 T3 20040701; PT 994497 E 20040430; US 6249210 B1 20010619

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PT 99112917 T 19990705; US 41660899 A 19991012