

Title (en)  
Temperature switch.

Title (de)  
Temperaturschalter.

Title (fr)  
Commutateur à température.

Publication  
**EP 0453596 B1 19950322 (DE)**

Application  
**EP 90107825 A 19900425**

Priority  
EP 90107825 A 19900425

Abstract (en)  
[origin: EP0453596A1] A temperature switch (1), which has contact parts (4, 6) which can be made contact with from the outside and are stationary, arranged at a distance from one another, is developed further and has a bimetallic spring (8), especially a snap disc, and a moving contact element which can be switched by the bimetallic spring between a closed position and an interruption position, and, in the closed position, causes a low-resistance electrical contact between the contact parts. The further development provides that a plastic injection-moulded part (7) with a finite electrical resistance is arranged at least between the contact parts, at least touching both, which part (7) has a high resistance in comparison with the electrical resistance between the contact parts via the contact element in the closed position of the latter. <IMAGE>

IPC 1-7  
**H01H 1/50**; **H01H 37/04**; **H01H 37/54**

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

CPC (source: EP)  
**H01H 1/504** (2013.01); **H01H 37/5427** (2013.01); **H01H 37/5418** (2013.01); **H01H 2037/5463** (2013.01)

Cited by  
DE102009053258C5; EP0696810A1; GB2275823B; EP0887826A3; FR3006127A1; FR2750793A1; EP0951041A3; US6100784A; EP0557753A3; EP0794546A3; EP0863527A3; WO9419815A1

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