

Title (en)  
Thermostat switch with a bimetal switch device

Title (de)  
Temperaturabhängiger Schalter mit einem Bimetall-Schaltwerk

Title (fr)  
Thermostat avec un dispositif interrupteur à bimétal

Publication  
**EP 0858090 A3 19990526 (DE)**

Application  
**EP 97117929 A 19971016**

Priority  
DE 19705154 A 19970211

Abstract (en)  
[origin: EP0858090A2] The switch has a bimetal switch mechanism (12) which is arranged in a housing (11) with a first housing part (14) of insulating material and a second housing part (17). The bimetal switch mechanism is connected to a first electrode (16) coming out from the first housing part (14). The first electrode (16) cooperates with a second electrode (19) which is provided on the inside of the other housing part (17). The bimetal switch mechanism has a spring part (23) which works against a bimetal plate (29). The spring part carries a movable contact (28) which cooperates with the second electrode. A holder extension (25) is provided on the side of the spring part (23). The first electrode (16) is fastened to the holder extension (25).

IPC 1-7  
**H01H 37/54**

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

CPC (source: EP US)  
**H01H 37/5427** (2013.01 - EP US)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 065 (E - 0884) 6 February 1990 (1990-02-06)

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