

Title (en)

Thermostat with a bimetal switch device switching at overheating

Title (de)

Temperaturwächter mit einem bei Übertemperatur schaltenden Bimetall-Schaltwerk

Title (fr)

Thermostat avec un dispositif interrupteur à bimétal commutant en cas de surchauffe

Publication

EP 0740323 A3 19980422 (DE)

Application

EP 96100742 A 19960119

Priority

DE 19514853 A 19950426

Abstract (en)

[origin: EP0740323A2] The temp monitor (10) has a heating resistance (23) associated with the overtemp switch (15) for providing a self-holding function. The heating resistance is provided on a foil (22) providing electrical and/or thermic insulation. Pref. the foil is coated on one or both sides with a cold conductor resistance material providing a printed resistance path, or is provided as a heating foil with an insulating plastics foil layer and a resistance conductor.

IPC 1-7

H01H 37/54

IPC 8 full level

H01H 1/50 (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 37/54** (2013.01 - EP US)

Citation (search report)

- [X] EP 0507425 A1 19921007 - UCHIYA THERMOSTAT [JP]
- [A] DE 9320737 U1 19950105 - EAW RELAISTECHNIK GMBH [DE]
- [DA] EP 0284916 A2 19881005 - HOFSSASS P

Cited by

EP2775495A1; DE102022134379B3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0740323 A2 19961030; EP 0740323 A3 19980422; EP 0740323 B1 20020403; AT E215732 T1 20020415; DE 19514853 A1 19961107; DE 19514853 C2 19970227; DE 59608984 D1 20020508; DK 0740323 T3 20020617; ES 2174984 T3 20021116; PT 740323 E 20020731; US 5721525 A 19980224

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EP 96100742 A 19960119; AT 96100742 T 19960119; DE 19514853 A 19950426; DE 59608984 T 19960119; DK 96100742 T 19960119; ES 96100742 T 19960119; PT 96100742 T 19960119; US 63694496 A 19960424