

Title (en)

Electrical power regulator, in particular for electric heaters

Title (de)

Elektrisches Leistungssteuergerät , insbesondere für Elektrowärmegeräte

Title (fr)

Régulateur électrique de puissance, en particulier pour appareils de chauffage électrique

Publication

EP 0865058 A3 19990310 (DE)

Application

EP 98100266 A 19980109

Priority

DE 19706248 A 19970218

Abstract (en)

[origin: EP0865058A2] The electric power control device has a heated bimetallic element (84) and a snap switch (89). A control shaft (13a) is provided to act on the bimetallic element and the snap switch for timed power adjustment. The control shaft (13a) is arranged in a housing. The power control device has a modular construction. The housing of the power control device (80) has two basic components. The housing has a three dimensional basic housing (87) formed from a sheet metal section. The basic housing extends on three sides of the control device (80) and at one side part contains a bearing (108) for the control shaft. The side part also carries the snap switch and bimetallic element. The housing also has a plate type insulating housing part (104) connected to the basic housing and forming a second side part. The insulating housing part has the second bearing for the control shaft.

IPC 1-7

H01H 37/04; **H01H 37/00**; **H01H 61/06**

IPC 8 full level

H01H 37/00 (2006.01); **H01H 37/04** (2006.01); **H01H 61/06** (2006.01); **H01H 89/04** (2006.01)

CPC (source: EP)

H01H 37/04 (2013.01); **H01H 61/063** (2013.01); **H01H 89/04** (2013.01)

Citation (search report)

- [A] FR 2354656 A1 19780106 - EGO REGELTECH [DE] & DE 2625716 A1 19771215 - EGO ELEKTRO BLANC & FISCHER
- [A] DE 3017486 A1 19811112 - BOSCH SIEMENS HAUSGERAETE [DE] & DE 3050926 C2 19870813
- [A] GB 1238856 A 19710714
- [A] DE 3941186 A1 19910620 - BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19706248 A1 19980820; DE 59809992 D1 20031204; EP 0865058 A2 19980916; EP 0865058 A3 19990310; EP 0865058 B1 20031029; ES 2208975 T3 20040616; TR 199800257 A2 19980921; TR 199800257 A3 19980921

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