

Title (en)

Electrical heater for a bimetal, in particular for an electrical power regulator

Title (de)

Elektrische Beheizung für ein Bimetall, insbesondere für ein elektrisches Leistungssteuergerät

Title (fr)

Chauffage électrique pour un bimétal, en particulier pour un régulateur électrique de puissance

Publication

**EP 0194512 B2 19960403 (DE)**

Application

**EP 86102502 A 19860226**

Priority

DE 3508248 A 19850308

Abstract (en)

[origin: ES8706288A1] A power control includes a thick film resistor on an electrically insulating support plate, for heating a bimetal strip operating switch contacts connecting power to a load, and to the resistor. The support plate is secured and the resistor thereon is electrically contacted by means of a resilient clip at one end, in the vicinity of a fixed end of the bimetal strip. An opposite end of the support is connected to a power source via a movable contact spring. An opposite free end of the bimetal strip acts directly on the switch contacts to disconnect power upon bending of the bimetal strip with heat. The bimetal strip and a control operator for biasing the bimetal strip are shaped like an L, with two legs pivotable around a pin adjacent the base of the bimetal strip.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0285086A3; EP0268098A3; EP0565263A1; EP0617446A1; AU757276B2; EP0977231A3; WO2014001635A1; US6211582B1

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