

Title (en)

Positive temperature coefficient thermistor device.

Title (de)

Thermistorelement mit positivem Temperaturkoeffizienten.

Title (fr)

Dispositif avec thermistance avec coefficient de température positif.

Publication

EP 0584800 A3 19950118 (EN)

Application

EP 93113532 A 19930824

Priority

JP 6040192 U 19920827

Abstract (en)

[origin: EP0584800A2] A positive temperature coefficient thermistor device constructed by containing in containing recess portions 8 in a case 2 a plurality of PTC elements 3 and an elastic terminal for lifting the PTC elements 3 from the bottom surfaces of the containing recess portions 8 and urging the PTC elements 3 toward a surface 2a of the case 2 to which the containing recess portions 8 open, and disposing between the surface 2a of the case 2 to which the containing recess portions 8 open and a cover member 6 a plane terminal 5 for interposing the PTC elements 3 between the plane terminal 5 and the elastic terminal 4, the plane terminal 5a comprising a plurality of plane terminal portions 5 whose number corresponds to the number of PTC elements 3 and connecting pieces 5b for connecting the plane terminal portions 5a, heat being applied from the side of the cover member 6. <IMAGE>

IPC 1-7

H01C 7/02; **H01C 1/14**; **H01C 1/022**; **H05B 3/00**

IPC 8 full level

A01M 1/20 (2006.01); **H01C 1/14** (2006.01); **H01C 7/02** (2006.01); **H05B 3/06** (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP)

H01C 1/014 (2013.01); **H01C 1/1406** (2013.01); **H05B 3/14** (2013.01)

Citation (search report)

- [A] GB 2181629 A 19870423 - TDK CORP, et al
- [A] US 5142265 A 19920825 - MOTOYOSHI YOSHIMITSU [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 15, no. 442 (E - 1131) 11 November 1991 (1991-11-11)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 573 (E - 1015) 19 December 1990 (1990-12-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 551 (E - 857) 8 December 1989 (1989-12-08)
- [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 539 (E - 1289) 10 November 1992 (1992-11-10)

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ES2114495A1; AU2001237455B2; WO9745008A1

Designated contracting state (EPC)

ES IT PT

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EP 0584800 A2 19940302; **EP 0584800 A3 19950118**; **EP 0584800 B1 19980225**; ES 2112363 T3 19980401; JP H0623205 U 19940325; KR 960015944 B1 19961125

DOCDB simple family (application)

EP 93113532 A 19930824; ES 93113532 T 19930824; JP 6040192 U 19920827; KR 930016784 A 19930827