

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)

Cited by

ES2114495A1; AU2001237455B2; WO9745008A1

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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