

Title (en)

Organic positive temperature coefficient thermistor

Title (de)

Organischer PTC-Thermistor

Title (fr)

Thermistor CTP organique

Publication

**EP 1058277 B1 20060809 (EN)**

Application

**EP 99304275 A 19990602**

Priority

EP 99304275 A 19990602

Abstract (en)

[origin: EP1058277A1] An organic positive temperature coefficient thermistor comprises a thermoplastic polymer matrix, a low-molecular organic compound, and conductive particles, each having spiky protuberances thereon. The low-molecular organic compound has a melting point of 40 DEG C to 100 DEG C. The conductive particles are interconnected in a chain form. <IMAGE>

IPC 8 full level

**H01C 7/02** (2006.01)

CPC (source: EP)

**H01C 7/027** (2013.01)

Cited by

EP1752993A3; CN100372029C; EP1376623A3; US7810266B2; US7019613B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1058277 A1 20001206; EP 1058277 B1 20060809**; DE 69932704 D1 20060921; DE 69932704 T2 20070816

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