

Title (en)

Thermoplastic-composition resistor and method of manufacture

Title (de)

Widerstand aus Thermoplastik-Zusammensetzung und Herstellungsverfahren

Title (fr)

Résistance en composition thermoplastique et méthode de fabrication

Publication

**EP 0549060 B1 19970709 (EN)**

Application

**EP 92203976 A 19921217**

Priority

US 81500091 A 19911227

Abstract (en)

[origin: EP0549060A2] A thermoplastic-carbon resistive rod is made by extr SIMILAR ding a heated mixture of carbon black, acetylene black, silica and a polymer resin. The resistive rod is cooled and cut into sections forming resistive bodies. Resistors are formed by fusing terminals to ends of the rods, welding leads to the terminals, and encapsulating the bodies and terminals in an epoxy material.

IPC 1-7

**H01C 7/00**; **H01C 1/144**; **H01C 17/06**

IPC 8 full level

**H01C 1/144** (2006.01); **H01C 7/00** (2006.01); **H01C 17/00** (2006.01); **H01C 17/065** (2006.01); **H01C 17/22** (2006.01)

CPC (source: EP)

**H01C 1/144** (2013.01); **H01C 7/001** (2013.01); **H01C 17/00** (2013.01); **H01C 17/0652** (2013.01); **H01C 17/22** (2013.01)

Cited by

FR2801829A1; CN110785822A; GB2301223A; US5806171A; GB2301223B; US11740280B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0549060 A2 19930630**; **EP 0549060 A3 19940810**; **EP 0549060 B1 19970709**; DE 69220769 D1 19970814; DE 69220769 T2 19980205; JP H05267023 A 19931015; TW 221514 B 19940301

DOCDB simple family (application)

**EP 92203976 A 19921217**; DE 69220769 T 19921217; JP 34456692 A 19921224; TW 82100873 A 19930209