

Title (en)

Overvoltage protection thermistor and method of fabrication

Title (de)

Überlastschutz/Schaltkaltleiter und Verfahren zu seiner Herstellung

Title (fr)

Thermistor pour la protection contre les surtensions et méthode de fabrication

Publication

**EP 0756291 A2 19970129 (DE)**

Application

**EP 96109884 A 19960619**

Priority

DE 19526169 A 19950718

Abstract (en)

The overload protection device has two cold conductors  $\bar{A}1$  that have resistance values  $\bar{R}1, R2$  very near to each other such that  $(R1-R2)/(R1+R2)$  is less than 0.02 . The elements are bonded together  $\bar{A}2$  using a conductive material that has a temperature resistance that is higher than the maximum operating point of the conductors. Soldered connections  $\bar{A}3$  couple leads  $\bar{A}4$  to the conductors.

Abstract (de)

Überlastschutz/Schaltkaltleiter mit mindestens zwei durch einen Leitkleber (2) verbundenen Kaltleiterelementen (1), mit eng beieinander liegenden Widerstandswerten bei dem der Leitkleber (2) bei maximaler Kaltleiter-Betriebstemperatur im hochohmigen Zustand noch temperaturbeständig ist.  
<IMAGE>

IPC 1-7

**H01C 7/12**; **H01C 7/02**

IPC 8 full level

**H01C 7/02** (2006.01); **H01C 7/12** (2006.01)

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