

Publication

EP 0579170 A3 19940202

Application

EP 93111199 A 19930713

Priority

IT TO920599 A 19920714

Abstract (en)

[origin: EP0579170A2] A resistor (10) comprising a tubular sheath (11) for protecting the resistor and heat-sensitive switching means for protection against overheating. These means include normally-closed fixed and movable contacts (22a, 24a, 26a, 26b) and pusher elements (27) for the quick opening of the contacts. The pushers are controlled by respective pre-loaded elastic means (33) normally kept under tension by traction elements (31) which are rigidly coupled by stop elements (34) made of fusible material which are associated with the sheath (11). When a preset sheath temperature is exceeded, the stop elements (34) melt and release the pre-loaded elastic means (33) opening the contacts. <IMAGE>

IPC 1-7

H05B 1/02; **H05B 3/82**; **H01H 37/76**

IPC 8 full level

H01H 37/76 (2006.01); **H05B 1/02** (2006.01); **H05B 3/82** (2006.01)

CPC (source: EP)

H01H 37/76 (2013.01); **H05B 1/0205** (2013.01); **H05B 3/82** (2013.01)

Citation (search report)

- [X] US 2213722 A 19400903 - SMITH JOHN E
- [X] GB 686800 A 19530128 - R E THOMPSON & COMPANY SUNBURY, et al
- [A] DE 654037 C 19371208 - VOIGT & HAEFFNER AG
- [A] GB 704204 A 19540217 - SIMPSON ROBERT
- [A] GB 2173045 A 19861001 - OTTER CONTROLS LTD
- [A] US 2778917 A 19570122 - SULLIVAN TIMOTHY J

Cited by

DE19505621A1; EP2543762A2; EP3133199A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0579170 A2 19940119; **EP 0579170 A3 19940202**; **EP 0579170 B1 19980520**; DE 69318630 D1 19980625; DE 69318630 T2 19980910; ES 2116370 T3 19980716; IT 1257915 B 19960216; IT TO920599 A0 19920714; IT TO920599 A1 19940114

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