

Title (en)

Temperature responsive device and circuit breaker.

Title (de)

Temperaturbeeinflusste Vorrichtung und Ausschalter.

Title (fr)

Dispositif et interrupteur sensibles à la température.

Publication

EP 0291835 A2 19881123 (EN)

Application

EP 88107560 A 19880511

Priority

GB 8711794 A 19870519

Abstract (en)

A temperature responsive device comprises a bimetal element (12) flexible on temperature and current overload conditions to engage a trip latch (14) to open the circuit. The bimetal element (12) is pivotally mounted between knife edges (22) provided on a mounting member (20), whilst one end portion of the bimetal element is connected to an adjustment means (24), by which said end portion may be moved, pivotally to move the bimetal element about its pivotal mounting.

IPC 1-7

H01H 71/16

IPC 8 full level

G05D 23/275 (2006.01); **H01H 37/12** (2006.01); **H01H 37/52** (2006.01); **H01H 71/16** (2006.01); **H01H 71/74** (2006.01); **H05B 3/00** (2006.01)

CPC (source: EP)

H01H 71/7436 (2013.01); **H01H 71/16** (2013.01)

Cited by

EP3185275A1; FR3045931A1; EP0831510A1; FR2753835A1; US5844466A; US9916955B2; WO9520236A1

Designated contracting state (EPC)

AT CH DE ES FR IT LI

DOCDB simple family (publication)

EP 0291835 A2 19881123; **EP 0291835 A3 19890726**; **EP 0291835 B1 19930310**; AT E86789 T1 19930315; DE 3878979 D1 19930415; DE 3878979 T2 19930617; GB 2205998 A 19881221; GB 2205998 B 19910313; GB 8711794 D0 19870624; JP H01105429 A 19890421; MY 103275 A 19930529; ZA 883336 B 19881116

DOCDB simple family (application)

EP 88107560 A 19880511; AT 88107560 T 19880511; DE 3878979 T 19880511; GB 8711794 A 19870519; JP 11945588 A 19880518; MY PI19880478 A 19880506; ZA 883336 A 19880511