

Title (en)

Overcurrent trip unit for an electrical installation device, particularly for a circuit breaker

Title (de)

Überstromauslöser für ein elektrisches Installationsgerät, insbesondere für einen Leitungsschutzschalter

Title (fr)

Déclencheur de surintensité pour un appareil électrique, en particulier pour un disjoncteur de protection

Publication

EP 0821383 B1 20030604 (DE)

Application

EP 97112479 A 19970719

Priority

DE 19629960 A 19960725

Abstract (en)

[origin: EP0821383A2] The overcurrent release uses a thermal release with a bimetallic strip (12) exhibiting an additional snap-action movement upon heating. The bimetallic strip is secured at one end (19) so that its free end (24) is deflected further upon further heating after the snap-action movement. The bimetallic strip can be secured to the end of a yoke arm (18) of an electromagnetic release (11) extending parallel to the coil axis, with a pin (22) projecting from the yoke arm to provide a bridge between the latter and the bimetallic strip.

IPC 1-7

H01H 71/40; **H01H 71/16**

IPC 8 full level

H01H 71/16 (2006.01); **H01H 71/40** (2006.01)

CPC (source: EP)

H01H 71/16 (2013.01); **H01H 71/40** (2013.01)

Citation (examination)

- US 3265839 A 19660809 - JOHNSON ROBERT A
- EP 0143022 A1 19850529 - MERLIN GERIN [FR]

Designated contracting state (EPC)

AT BE DE FR IT

DOCDB simple family (publication)

EP 0821383 A2 19980128; **EP 0821383 A3 19990107**; **EP 0821383 B1 20030604**; AT E242544 T1 20030615; DE 19629960 A1 19980129; DE 59710197 D1 20030710

DOCDB simple family (application)

EP 97112479 A 19970719; AT 97112479 T 19970719; DE 19629960 A 19960725; DE 59710197 T 19970719