

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

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