

Title (en)

Overcurrent trip device for an electric circuit breaker

Title (de)

Auslöseeinrichtung für einen elektrischen Installationsschalter bei Überstrom

Title (fr)

Déclencheur de surintensité pour un disjoncteur électrique

Publication

**EP 0849763 A3 19990120 (DE)**

Application

**EP 97121385 A 19971205**

Priority

DE 19653294 A 19961220

Abstract (en)

[origin: EP0849763A2] The overcurrent release device uses a thermal release provided by a thermobimetallic strip, or a memory material strip, cooperating with a switch release lever. An adjustment mechanism for the strip is secured to a carrier (24) at one end. The switch release lever is supported by an intermediate lever which is pivoted to the carrier, with a spring arm (30) enclosing the edge of the carrier having a nose which locates in one of a number of notches along this edge for positioning the rotation axis (27) of the release lever relative to the strip.

IPC 1-7

**H01H 71/74**; **H01H 71/16**

IPC 8 full level

**H01H 71/16** (2006.01); **H01H 71/74** (2006.01)

CPC (source: EP)

**H01H 71/16** (2013.01); **H01H 71/7427** (2013.01); **H01H 2071/7454** (2013.01)

Citation (search report)

- [A] DE 2152002 B1 19730308 - SCHIELE VERWALTUNGSGMBH
- [A] DE 600061 C 19340713 - SCHIELE & BRUCHSALERI INDUSTRI
- [A] FR 2581243 A1 19861031 - LICENTIA GMBH [DE]
- [A] EP 0400414 A2 19901205 - LICENTIA GMBH [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0849763 A2 19980624**; **EP 0849763 A3 19990120**; DE 19653294 A1 19980625

DOCDB simple family (application)

**EP 97121385 A 19971205**; DE 19653294 A 19961220