

Title (en)

Thermal triggering device for circuit breaker

Title (de)

Thermische Auslöseeinrichtung für Leitungsschutzschalter

Title (fr)

Dispositif de déclenchement thermique pour disjoncteur

Publication

**EP 1041596 A3 20020116 (DE)**

Application

**EP 00103371 A 20000223**

Priority

DE 19914479 A 19990330

Abstract (en)

[origin: EP1041596A2] The thermal trigger has an actuating pin (15) mounted to move in a carrier body (11) and to protrude from it through an expa chamber section (12) that can be thermally disengaged by a bimetallic snap displacement element (18) mounted at the edge. A flat heating element (21) for the snap displacement arrangement is mounted in the chamber section for thermal triggering.

IPC 1-7

**H01H 71/16**

IPC 8 full level

**H01H 71/16** (2006.01)

CPC (source: EP)

**H01H 71/16** (2013.01)

Citation (search report)

- [XPAP] EP 0926694 A1 19990630 - SCHNEIDER ELECTRIC SA [FR]
- [A] EP 0451678 A2 19911016 - HITACHI LTD [JP]
- [Y] DE 19750875 C1 19990318 - ARNHOLD HANS [DE]
- [Y] EP 0650179 A1 19950426 - ABB PATENT GMBH [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1041596 A2 20001004; EP 1041596 A3 20020116; EP 1041596 B1 20040114;** AT E257975 T1 20040115; DE 19914479 A1 20001005; DE 50005000 D1 20040219

DOCDB simple family (application)

**EP 00103371 A 20000223;** AT 00103371 T 20000223; DE 19914479 A 19990330; DE 50005000 T 20000223