

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