

Title (en)

Thermal trip device for electrical protection device

Title (de)

Vorrichtung zur thermischen Auslösung für elektrisches Schutzgerät

Title (fr)

Dispositif de déclenchement thermique pour un appareil de protection électrique

Publication

EP 2237302 B1 20111207 (FR)

Application

EP 10354004 A 20100118

Priority

FR 0901580 A 20090331

Abstract (en)

[origin: EP2237302A1] The device (9) has a triggering lever articulated on a plate. A bimetallic strip (10) cooperates with a slide (11). The slide is connected with the lever to drive the slide in a triggering direction during deformation of the bimetallic strip due to electrical overload. The bimetallic strip has a ramp (13) at its end cooperating with the slide. The ramp is arranged in a manner to position the slide against a stop (12) during a deformation phase of the bimetallic strip such that the stop assures guiding of the slide during its displacement.

IPC 8 full level

H01H 71/16 (2006.01)

CPC (source: EP)

H01H 71/16 (2013.01)

Cited by

CN105869960A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2237302 A1 20101006; EP 2237302 B1 20111207; AT E536625 T1 20111215; BR PI1000820 A2 20110322; BR PI1000820 B1 20200818; CN 101853749 A 20101006; CN 101853749 B 20140416; ES 2374876 T3 20120222; FR 2943847 A1 20101001; FR 2943847 B1 20110401

DOCDB simple family (application)

EP 10354004 A 20100118; AT 10354004 T 20100118; BR PI1000820 A 20100330; CN 201010143795 A 20100317; ES 10354004 T 20100118; FR 0901580 A 20090331