

Title (en)

TRIPPING SLIDE DEVICE FOR A THERMAL OVERLOAD RELAY OR A MOTOR PROTECTION SWITCH

Title (de)

AUSLÖSESCHIEBERANORDNUNG FÜR EIN THERMISCHES ÜBERSTROMRELAIS ODER EINEN MOTORSCHUTZSCHALTER

Title (fr)

ENSEMBLE COULISSEAU DE DECLENCHEMENT POUR UN RELAIS A MAXIMUM DE COURANT OU UN DISJONCTEUR DE MOTEUR

Publication

**EP 1141988 A1 20011010 (DE)**

Application

**EP 00971358 A 20001010**

Priority

- DE 19949229 A 19991013
- EP 0009957 W 20001010

Abstract (en)

[origin: DE19949229A1] The invention relates to a tripping slide device for a thermal overload relay. One of a number of thermostatic bimetals engages with the tripping slide device, said number corresponding to the number of phases to be monitored. The slide device is displaced when at least one of the thermostatic bimetals bends and, by mean of this displacement, a breaker mechanism is tripped, which in turn opens a contact. Said slide device comprises two elongated, rectangular-shaped slide elements, which are coupled to the thermocouples. Each slide element comprises a number of slide plates (11, 12, 13, 11a, 12a, 13a), said number corresponding to the number of phases. The adjoining surfaces, situated against the bimetals (31, 32, 33), are each housed in a different recess.

IPC 1-7

**H01H 83/22**

IPC 8 full level

**H01H 83/22** (2006.01)

CPC (source: EP)

**H01H 83/223** (2013.01)

Citation (search report)

See references of WO 0127960A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**DE 19949229 A1 20010419; DE 19949229 B4 20070913;** DE 50014277 D1 20070606; EP 1141988 A1 20011010; EP 1141988 B1 20070425; WO 0127960 A1 20010419

DOCDB simple family (application)

**DE 19949229 A 19991013;** DE 50014277 T 20001010; EP 0009957 W 20001010; EP 00971358 A 20001010