

Title (en)

Device for controlling an electric protection device and electric protection device including same

Title (de)

Bedienungsvorrichtung eines elektrischen Sicherungsgeräts und elektrisches Sicherungsgerät, das sie umfasst

Title (fr)

Dispositif de commande d'un appareil de protection électrique et appareil de protection électrique le comportant

Publication

EP 1975971 B1 20120829 (FR)

Application

EP 08354012 A 20080205

Priority

FR 0702009 A 20070329

Abstract (en)

[origin: EP1975971A1] The device (2) has a release bar (16) controlled by a magneto-thermic release to break a mechanical connection between a rotary plate (15) of a mobile contact supporting device (3) and a transmission link (10) in case of defect for separating mobile and fixed contacts (4, 5). The link rests on the plate and a locking hook (19) in locking position. Relative positions of respective support surfaces of the plate and the hook, and connection of lever arms permitting reduction of effort of the link on the bar are chosen such that force applied to the hook is less than force applied to the plate. The hook is made of decorative sheet iron or plastic.

IPC 8 full level

H01H 71/52 (2006.01)

CPC (source: EP)

H01H 71/526 (2013.01)

Cited by

WO2010076409A1; FR2940513A1; CN109839263A; EP4040463A1; EP2975628A1; EP2717284A1; EP3249673A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1975971 A1 20081001; EP 1975971 B1 20120829; AR 067292 A1 20091007; AU 2008201424 A1 20081016; AU 2008201424 B2 20111110; BR PI0800942 A2 20081111; CN 101276710 A 20081001; CN 101276710 B 20120502; EA 014194 B1 20101029; EA 200800721 A1 20081030; ES 2390081 T3 20121106; FR 2914485 A1 20081003; FR 2914485 B1 20090424; MA 29834 B1 20081003

DOCDB simple family (application)

EP 08354012 A 20080205; AR P080101316 A 20080331; AU 2008201424 A 20080328; BR PI0800942 A 20080328; CN 200810083019 A 20080318; EA 200800721 A 20080328; ES 08354012 T 20080205; FR 0702009 A 20070329; MA 30668 A 20080220