

Title (en)

Electrical resetting apparatus adapted to be associated to a protection device for automatic resetting thereof

Title (de)

Elektrische Rückstellvorrichtung, geeignet zum Anschluss einer Schutzvorrichtung zur automatischen Rückstellung derselben

Title (fr)

Appareil de réinitialisation électrique adapté pour une association avec un dispositif de protection pour sa réinitialisation automatique

Publication

EP 2383766 A1 20111102 (EN)

Application

EP 11159956 A 20110328

Priority

IT RM20100205 A 20100430

Abstract (en)

Electrical resetting apparatus (10) adapted to be associated to a protection device (20) provided with a control lever (22) adapted to be actuated to electrically connect/disconnect an electric load circuit to/from a power supply network, the electrical resetting apparatus (10) comprising: - a resetting device (13,30,31,32), adapted to be connected to the power supply network, comprising a rotating resetting arm (13) adapted to mechanically cooperate with the control lever (22); - a control circuit (50) adapted to be connected to the electric load circuit to detect an operating state thereof in order to control said resetting device (13,30,31,32); - sectioning elements (c1,c2,c3) adapted to be actuated to acquire a first or a second operating state, for respectively connecting/disconnecting the control circuit (50) to/from the load circuit; - a control handle (11,12) rotatable around a rotation axis (R-R), adapted to be actuated to manually rotate the resetting arm (13).

IPC 8 full level

H01H 71/70 (2006.01)

CPC (source: EP)

H01H 71/70 (2013.01); **H01H 71/123** (2013.01); **H01H 2003/266** (2013.01); **H01H 2071/046** (2013.01)

Citation (applicant)

- EP 1744428 A2 20070117 - BTICINO SPA [IT]
- EP 2180495 A1 20100428 - BTICINO SPA [IT]

Citation (search report)

- [AD] EP 1744428 A2 20070117 - BTICINO SPA [IT]
- [A] EP 1505620 A2 20050209 - ABB SERVICE SRL [IT]
- [A] DE 102005024270 B3 20061019 - ELLENBERGER & POENSGEN [DE]
- [A] EP 1209712 A1 20020529 - HAGER ELECTRO [FR]
- [A] US 4001647 A 19770104 - KLEIN KEITH W, et al
- [A] EP 1643529 A2 20060405 - CIRCUIT BREAKER IND [ZA]
- [AD] EP 2180495 A1 20100428 - BTICINO SPA [IT]

Cited by

CN105489452A; EP3196915A4; FR2994330A1; CN104508788A; CN106328457A; US2022230817A1; WO2014020287A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2383766 A1 20111102; **EP 2383766 B1 20160525**; ES 2588237 T3 20161031; IT 1399796 B1 20130503; IT RM20100205 A1 20111031; PL 2383766 T3 20161130

DOCDB simple family (application)

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