

Title (en)

Removable device for electronic tripping device, method for supplying such a device and assembly comprising an electronic tripping device and such a removable device

Title (de)

Entfernbarer Vorrichtung für elektronischen Auslöser, Verfahren zur Stromversorgung einer solchen Vorrichtung, und Einheit, die einen solchen elektronischen Auslöser und eine solche entfernbare Vorrichtung umfasst

Title (fr)

Dispositif amovible pour déclencheur électronique, procédé d'alimentation d'un tel dispositif et ensemble comportant un déclencheur électronique et un tel dispositif amovible

Publication

EP 2822018 B1 20180404 (FR)

Application

EP 14173797 A 20140625

Priority

FR 1356134 A 20130626

Abstract (en)

[origin: CN104253000A] The removable device (20) according to the invention is designed to be connected to an electronic trip unit (10). The trip unit (10) comprises an internal electrical power supply bus (55) and the device (20) is adapted to be supplied with electrical energy via the internal electrical power supply bus (55). The device (20) comprises a withdrawal member (68) for withdrawing electrical energy on the internal electrical power supply bus (55). The trip unit (10) includes a switched-mode power supply (54) capable of delivering a power supply signal (S1). The withdrawal member (68) comprises detection means for detecting each rising edge of the power supply signal (S1), and the electrical energy of the power supply signal (S1) is withdrawn as of the detection of a rising edge.

IPC 8 full level

H01H 71/12 (2006.01); **H01H 71/02** (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP US)

H01H 71/123 (2013.01 - EP US)

Cited by

EP3290935A1; FR3055420A1; US10908215B2

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

DOCDB simple family (publication)

EP 2822018 A1 20150107; **EP 2822018 B1 20180404**; CN 104253000 A 20141231; CN 104253000 B 20180130; FR 3007902 A1 20150102; FR 3007902 B1 20150724; US 2015002246 A1 20150101; US 9576763 B2 20170221

DOCDB simple family (application)

EP 14173797 A 20140625; CN 201410299127 A 20140626; FR 1356134 A 20130626; US 201414304118 A 20140613