

Title (en)

Voltage trigger case for a circuit breaker, voltage trigger device and assembly method

Title (de)

Gehäuse eines elektronischen Auslösers für Sicherungsschalter, elektronische Auslösevorrichtung und Montageverfahren

Title (fr)

Boîtier de déclencheur électronique pour disjoncteur, dispositif de déclenchement électronique et procédé d'assemblage

Publication

**EP 2079091 A1 20090715 (FR)**

Application

**EP 08354093 A 20081215**

Priority

- FR 0800130 A 20080110
- FR 0800131 A 20080110

Abstract (en)

The case has a bottom part (22) and a lid forming a cavity. The cavity has a box (58) including an activation orifice arranged at level of a side wall of the bottom part permitting to place an electromagnetic actuator. The box is adapted to house, in a sealed manner with respect to the cavity, the electromagnetic actuator in a rest position at inside of the case and in an active position, in which the actuator protrudes out from the case by the activation orifice and a recess of the lid. Independent claims are also included for the following: (1) an electronic module comprising an actuator associated with a connector passing through a passage of the box (2) a triggering device comprising an electronic module with a case integrated to a case of a transformation block (3) a method for assembling a triggering device.

Abstract (fr)

Un module électronique pour un déclencheur (200) a été optimisé de façon à intégrer les fonctionnalités connues, notamment les paramétrages de seuil, mesures du courant, prises de tension (36, 78), affichage et communication (72). Dans le module électronique est en outre présent un actionneur électromagnétique (54) de façon à optimiser la coupure du disjoncteur associé (3). Les contraintes d'encombrement inhérentes à la localisation du déclencheur (200) dans les appareillages existants (1) ont été respectées.

IPC 8 full level

**H01H 71/74** (2006.01)

CPC (source: EP KR US)

**H01H 49/00** (2013.01 - KR); **H01H 71/125** (2013.01 - KR); **H01H 71/7409** (2013.01 - EP KR US); **H01H 71/125** (2013.01 - EP US); **H01H 2071/006** (2013.01 - EP KR US); **H01H 2071/0242** (2013.01 - EP KR US); **H01H 2071/0292** (2013.01 - EP KR US); **Y10T 29/4902** (2015.01 - EP US); **Y10T 29/49105** (2015.01 - EP US)

Citation (applicant)

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Citation (search report)

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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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2079091 A1 20090715**; **EP 2079091 B1 20140129**; BR PI0901311 A2 20091103; BR PI0901311 B1 20191029; ES 2450218 T3 20140324; JP 2009170422 A 20090730; JP 5260330 B2 20130814; KR 101489973 B1 20150204; KR 20090077725 A 20090715; PL 2079091 T3 20140731; RU 2008152483 A 20100710; RU 2481664 C2 20130510; US 2009190289 A1 20090730; US 8358188 B2 20130122

DOCDB simple family (application)

**EP 08354093 A 20081215**; BR PI0901311 A 20090109; ES 08354093 T 20081215; JP 2009004983 A 20090113; KR 20090002077 A 20090109; PL 08354093 T 20081215; RU 2008152483 A 20081229; US 31872909 A 20090107