

Title (en)

ELECTRIC SAFETY CONTACT ACTUATED BY A REMOVABLE ACTUATION KEY

Title (de)

ELEKTRISCHER SICHERHEITSKONTAKT MIT ABNEHMBAREM BETÄTIGUNGSSCHLÜSSEL

Title (fr)

CONTACT ÉLECTRIQUE DE SÉCURITÉ ACTIONNÉ PAR UNE CLÉ D'ACTIONNEMENT AMOVIBLE

Publication

**EP 3428943 A1 20190116 (EN)**

Application

**EP 18182489 A 20180709**

Priority

IT 201700077432 A 20170710

Abstract (en)

An electric safety contact (1) with a removable actuation key (18) comprises a movable hook (11) for engaging the actuation key (18) when inserted into the body (2) of the electrical contact (1), wherein the front end (14) of said movable hook (11) is inclined in a manner to determine a lifting of the movable hook itself if during an initial phase of insertion of the actuation key (18) into the body (2) of the electrical contact (1), this movable hook (11) is in a position not completely lifted in which it interferes with the removable key (18) during its insertion into the body (2).

IPC 8 full level

**H01H 27/00** (2006.01); **H01H 1/20** (2006.01)

CPC (source: CN EP)

**H01H 27/002** (2013.01 - EP); **H01H 45/00** (2013.01 - CN); **H01H 45/14** (2013.01 - CN); **H01H 1/20** (2013.01 - EP)

Citation (search report)

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- [A] WO 2012113102 A1 20120830 - HONEYWELL INT INC [US], et al
- [A] EP 0345656 A2 19891213 - KRONENBERG GMBH H & J [DE]
- [A] WO 2009031224 A1 20090312 - IDEC CORP [JP], et al
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IT202100025196A1

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 3428943 A1 20190116**; **EP 3428943 B1 20200422**; CN 109243917 A 20190118; CN 109243917 B 20221025; ES 2797558 T3 20201202; IT 201700077432 A1 20190110

DOCDB simple family (application)

**EP 18182489 A 20180709**; CN 201810751008 A 20180710; ES 18182489 T 20180709; IT 201700077432 A 20170710