

Title (en)

Device for actuating an electric switching device with locking device.

Title (de)

Antriebsvorrichtung eines elektischen Schaltgerätes mit Schaltsperre

Title (fr)

Dispositif d'actionnement d'un appareil électrique interrupteur avec dispositif de verrouillage.

Publication

EP 1729313 A1 20061206 (FR)

Application

EP 06112412 A 20060410

Priority

FR 0551469 A 20050602

Abstract (en)

The device has a locking unit (21) mobile in translation along an axis between a locking position of a rotation of a handle (2) and an unlocking position. A sliding unit (20) is mounted on the handle and includes an opening (200) for receiving padlocks in the locking position. A driving mechanism formed of an articulated rod (22a) and a toothed wheel cooperates with the locking unit and the sliding unit for converting a translation movement of the locking unit in one direction into a translation movement of the sliding unit in the opposite direction. An independent claim is also included for an electrical switching unit controlled using an actuation device.

IPC 8 full level

H01H 9/28 (2006.01)

CPC (source: EP US)

H01H 9/282 (2013.01 - EP US)

Citation (applicant)

- US 6423912 B1 20020723 - ARENZ RAINER [DE], et al
- US 3657497 A 19720418 - HOMBERG HEINZ, et al
- US 4032732 A 19770628 - HOMBERG HEINZ, et al
- US 6596952 B1 20030722 - DEGRAZIA DEAN BASIL [US], et al

Citation (search report)

- [A] EP 0774766 A1 19970521 - SCHNEIDER ELECTRIC GMBH [DE]
- [A] DE 19603238 C1 19970410 - KLOECKNER MOELLER GMBH [DE]
- [A] EP 0450699 A2 19911009 - CGE SPA [IT]

Cited by

EP2306480A3; CN106531504A; EP2393092A1; EP2393091A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1729313 A1 20061206; EP 1729313 B1 20071219; AT E381768 T1 20080115; CN 1881496 A 20061220; CN 1881496 B 20101222; DE 602006000338 D1 20080131; DE 602006000338 T2 20081204; ES 2297806 T3 20080501; FR 2886756 A1 20061208; FR 2886756 B1 20070720; US 2006278505 A1 20061214; US 7227092 B2 20070605

DOCDB simple family (application)

EP 06112412 A 20060410; AT 06112412 T 20060410; CN 200610084549 A 20060525; DE 602006000338 T 20060410; ES 06112412 T 20060410; FR 0551469 A 20050602; US 27967306 A 20060413