

Title (en)

Secure validation command switch

Title (de)

Schalter mit gesicherter Steuerung durch Gültigkeitsprüfung

Title (fr)

Interrupteur a commande de validation securise

Publication

EP 2148343 B1 20140723 (FR)

Application

EP 09166182 A 20090723

Priority

FR 0855019 A 20080723

Abstract (en)

[origin: EP2148343A1] The module has a body (7) for supporting fixed lugs (14), and a transmission unit for supporting a mobile contact (15). The transmission unit has an actuating element (3) sliding in the body, and a contact-carrier (5) for supporting the mobile contact. The mobile contact slides on the contact-carrier against the stress of a spring (11). A contact-carrier indexing system has two balls made of stainless steel and connected by another spring (17) perpendicular to an activating direction. An independent claim is also included for a validation control switch comprising a contact module.

IPC 8 full level

H01H 3/02 (2006.01); **H01H 13/50** (2006.01); **H01H 13/64** (2006.01)

CPC (source: EP US)

H01H 3/022 (2013.01 - EP US); **H01H 13/506** (2013.01 - EP US); **H01H 13/64** (2013.01 - EP US); **H01H 2300/028** (2013.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2148343 A1 20100127; **EP 2148343 B1 20140723**; CN 101635214 A 20100127; CN 101635214 B 20130501; FR 2934415 A1 20100129; FR 2934415 B1 20100827; US 2010025208 A1 20100204

DOCDB simple family (application)

EP 09166182 A 20090723; CN 200910158265 A 20090723; FR 0855019 A 20080723; US 46074309 A 20090723