

Title (en)

Compact double-contact secured pushbutton switch

Title (de)

Gesicherter kompakter Doppelkontakt-Druckknopfschalter

Title (fr)

Commutateur à poussoir sécurisé compact à double contact

Publication

EP 2463882 B1 20181031 (FR)

Application

EP 11192477 A 20111207

Priority

FR 1004818 A 20101210

Abstract (en)

[origin: EP2463882A1] The switch (1) has a plunger (10) driving an upper dome (11) placed above a switching unit formed of a lower dome (12) and flexible metal strip under action of pressure by a user. The dome is collapsed to cause collapse of the switching unit. An electric contact formed between primary and secondary contacts (111, 112) of the upper dome forms an electric circuit when a ridge of the dome is in low position. Another electric contact formed between primary and secondary contacts (121, 122) of the switching unit forms another electric circuit when the switching unit is in low position.

IPC 8 full level

H01H 13/66 (2006.01)

CPC (source: EP RU US)

H01H 13/14 (2013.01 - US); **H01H 13/64** (2013.01 - EP US); **H01H 13/66** (2013.01 - EP US); **H01H 13/702** (2013.01 - US); **H01H 13/803** (2013.01 - EP US); **H01H 13/807** (2013.01 - EP US); **H01H 13/88** (2013.01 - US); **H01H 13/14** (2013.01 - RU); **H01H 13/26** (2013.01 - RU); **H01H 2001/0005** (2013.01 - EP US); **H01H 2203/038** (2013.01 - EP US); **H01H 2221/026** (2013.01 - US); **H01H 2225/002** (2013.01 - EP US); **H01H 2225/008** (2013.01 - EP US); **H01H 2225/018** (2013.01 - EP US)

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 2463882 A1 20120613; **EP 2463882 B1 20181031**; CA 2761450 A1 20120610; CA 2761450 C 20190528; CN 102543534 A 20120704; CN 102543534 B 20170301; ES 2707788 T3 20190405; FR 2968826 A1 20120615; FR 2968826 B1 20121207; RU 2011150217 A 20130620; RU 2615975 C2 20170412; US 2012305372 A1 20121206; US 8735747 B2 20140527

DOCDB simple family (application)

EP 11192477 A 20111207; CA 2761450 A 20111209; CN 201110462287 A 20111212; ES 11192477 T 20111207; FR 1004818 A 20101210; RU 2011150217 A 20111209; US 201113314037 A 20111207