

Title (en)

A PUSH BUTTON OPERATED SWITCH WITH ANTI-JAMMING GUIDING SYSTEM

Title (de)

DRUCKKNOPFBETÄTIGTER SCHALTER MIT EINKLEMMSCHUTZFÜHRUNGSSYSTEM

Title (fr)

INTERRUPTEUR À BOUTON-POUSOIR AVEC SYSTÈME DE GUIDAGE ANTI-BROUILLAGE

Publication

EP 3417469 A1 20181226 (EN)

Application

EP 16834190 A 20161221

Priority

- IT UB20160755 A 20160215
- IB 2016057859 W 20161221

Abstract (en)

[origin: WO2017141089A1] 1. A push button operated switch (10) including: • - a case (20) made of electrically insulating material, having a bottom wall (21), lateral walls (20a, 20b, 20c, 20d) being joined to the bottom wall (21) and an open side (21') opposite to the bottom wall (21); • - a push button (30) that can be operated to command an electrical commutation of the switch (10) having a body provided with lateral walls (30a, 30b, 30c, 30d) crossing said open side (21'), the push button (10) being adapted to slide with respect to the case (20) along a sliding axis (Z-Z), between a forward position and a backward position; • - a system of spatially distributed guides adapted to guide the sliding of the push button with respect to the case along said sliding axis. The system of spatially distributed guides includes: • - first guide elements (22, 32) operatively interposed between the lateral walls of the push button (30) and the lateral walls of the case (20); • - second guide elements (24, 34) spaced apart with respect to the first guide elements (22, 32) and placed with respect to the first guide elements (22, 32) at a lower distance from the bottom wall (21).

IPC 8 full level

H01H 13/06 (2006.01); **H01H 3/12** (2006.01); **H01H 13/10** (2006.01); **H01H 13/14** (2006.01); **H01H 13/52** (2006.01); **H01H 13/60** (2006.01)

CPC (source: EP RU)

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Citation (search report)

See references of WO 2017141089A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017141089 A1 20170824; AU 2016392768 A1 20180823; AU 2016392768 B2 20201210; BR 112018015572 A2 20181226; CL 2018002060 A1 20180907; CN 108604509 A 20180928; CN 108604509 B 20190802; CO 2018008158 A2 20180821; CR 20180441 A 20190312; EP 3417469 A1 20181226; EP 3417469 B1 20190731; ES 2753633 T3 20200413; HU E045981 T2 20200128; IT UB20160755 A1 20170815; MA 44214 A 20190731; MA 44214 B1 20190930; MX 2018009322 A 20181109; PL 3417469 T3 20200430; PT 3417469 T 20191024; RU 2018126801 A 20200120; RU 2018126801 A3 20200120; RU 2713415 C2 20200205

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