

Title (en)

Switch with self-adjusting switch plunger guide

Title (de)

Schalter mit selbstjustierender Schaltstößelführung

Title (fr)

Commutateur doté d'un guidage de poussoir de commande à auto-ajustement

Publication

EP 2393097 B1 20151125 (DE)

Application

EP 11166342 A 20110517

Priority

DE 102010029642 A 20100602

Abstract (en)

[origin: EP2393097A1] The switch (1) has a flat-base tappet (2) displaceably guided in a housing opening (4) of a switch housing (5) at three sides via a linear guide (3). The linear guide is formed by a guiding groove (7) of the switch housing and a guide projection (8) of the flat-base tappet. Groove edges of the guiding groove are formed opposite to each other, inwardly curved to a groove base and formed in V-shape. The guide projection is formed at the groove edges. The guide projection is formed with springs, and comprises a recess to open the groove base between the edges.

IPC 8 full level

H01H 13/04 (2006.01); **B60K 35/10** (2024.01); **H01H 13/14** (2006.01)

CPC (source: EP)

H01H 13/04 (2013.01); **H01H 13/14** (2013.01); **H01H 2221/06** (2013.01)

Citation (examination)

JP 2008234934 A 20081002 - TOKAI RIKA CO LTD

Cited by

CN109360748A

Designated contracting state (EPC)

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DE 102010029642 B3 20110929; EP 2393097 A1 20111207; EP 2393097 B1 20151125; ES 2556977 T3 20160121

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