

Title (en)
SWITCH

Title (de)
SCHALTER

Title (fr)
INTERRUPTEUR

Publication
EP 3300093 A1 20180328 (EN)

Application
EP 17192318 A 20170921

Priority
CN 201610847732 A 20160923

Abstract (en)
Embodiments of the present disclosure relate to a switch, comprising: a pushbutton (1); a driver (2) which can swing relative to the pushbutton (1) to cooperate with the pushbutton (1); a swing element (3) which can swing with respect to a first axis and has a first contact face (32) and a second contact face (33); an elastic element (4) connected between the driver (2) and the swing element (3); and a first moving contact (81) and a first stationary contact (51). The driver (2) is configured to drive the swing element (3) to swing when the pushbutton (1) is pressed so that the moving contact contacts or is disconnected from the stationary contact. The switch has a smaller number of components and a simple and reliable structure, and the pressing stroke of the pushbutton of the switch is shortened, facilitating the user's operation.

IPC 8 full level
H01H 13/60 (2006.01); **H01H 13/28** (2006.01)

CPC (source: CN EP)
H01H 13/28 (2013.01 - EP); **H01H 13/60** (2013.01 - EP); **H01H 23/16** (2013.01 - CN)

Citation (search report)

- [XY] US 5924556 A 19990720 - KAWASE TATSUAKI [JP], et al
- [Y] US 4736081 A 19880405 - SORRELLS DWIGHT W [US]
- [YA] US 5508485 A 19960416 - NISHIKAWA KIKUYOSHI [JP]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3300093 A1 20180328; **EP 3300093 B1 20200129**; CN 107871636 A 20180403; CN 107871636 B 20190503; ES 2777631 T3 20200805; MY 181361 A 20201221; SG 10201707725P A 20180427

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