

Title (en)

ELECTRICAL SERVICE DEVICE SUCH AS PUSHBUTTON OR MOMENTARY-CONTACT SWITCH

Title (de)

ELEKTRISCHE INSTALLATIONSVORRICHTUNG, WIE TASTER ODER TASTSCHALTER

Title (fr)

DISPOSITIF D'INSTALLATION ÉLECTRIQUE, TEL QU'UN BOUTON-POUSOIR OU UN INTERRUPTEUR À BOUTON-POUSOIR

Publication

EP 2250658 A1 20101117 (DE)

Application

EP 09717679 A 20090226

Priority

- EP 2009052261 W 20090226
- DE 202008002960 U 20080301

Abstract (en)

[origin: WO2009109506A1] The invention relates to an electrical service device, such as a pushbutton or a momentary-contact switch, comprising an actuating element (1), which, under pressure (p), covers an actuation path (S1) and thus acts on at least one contact element (3) via a plunger part (2), which covers a switching path (S2). In order to ensure a relatively high degree of functional reliability, given simple assembly and the possibility of the compensation of distance tolerances of existing component parts as regards the position thereof relative to one another or as regards the position thereof relative to a mounting plane, the invention proposes that a transmission element (8) is arranged between the actuating element (1) and the plunger part (2), by means of which transmission element (8) the switching path (S2) covered by the plunger part (2) for switching purposes is set or can be set with respect to the actuation path (S1) of the actuating element (1).

IPC 8 full level

H01H 13/20 (2006.01)

CPC (source: EP)

H01H 13/20 (2013.01); **H01H 13/04** (2013.01); **H01H 13/14** (2013.01); **H01H 13/52** (2013.01); **H01H 2221/072** (2013.01)

Citation (search report)

See references of WO 2009109506A1

Cited by

CN104299823A; CN110783120A

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 202008002960 U1 20090702; EP 2250658 A1 20101117; EP 2250658 B1 20130410; WO 2009109506 A1 20090911

DOCDB simple family (application)

DE 202008002960 U 20080301; EP 09717679 A 20090226; EP 2009052261 W 20090226