

Title (en)
MICROSWITCHES CONTROL DEVICE

Title (de)
MIKROSCHALTERSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE DE MICRORUPTEURS

Publication
EP 3044802 A1 20160720 (EN)

Application
EP 14786309 A 20140909

Priority
• IT TO20130733 A 20130910
• IB 2014064328 W 20140909

Abstract (en)
[origin: WO2015036911A1] Switch control device comprising: a key (2), secured to a housing structure (3); at least one actuating element (4), operationally connected on a first end to the key (2), thus moving integrally therewith; a base (32), adapted to fit into a lower portion of the housing (3), to which an electric circuit (5) comprising at least one microswitch (5) is mechanically fastened. The device comprises at least one actuating device (6), appropriately constrained in order to switch from a first idle configuration to a second actuation configuration to actuate the microswitch (51). The actuating device comprises: at least one striker portion (61), upon which a second end of said at least one actuating element (4) acts for the purpose of moving said actuating device (6) depending on the movements of the key (2); a contact portion (63) adapted to act upon said at least one microswitch (51) as a function of the action of said at least one actuating element (4) upon the device (6). The control device comprises a silicone mat (7) comprising at least one silicone dome (71) against which an abutment portion (65) of the actuating device (6) abuts, adapted to counter the movement of the actuating device (6) itself.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2015036911A1

Cited by
IT201900016256A1; EP3279915A1; IT201600082433A1

Designated contracting state (EPC)
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