

Title (en)

A switch, in particular a battery cutout switch for vehicles and the like

Title (de)

Ein Schalter, insbesondere einem Batterietrennschalter für Fahrzeuge

Title (fr)

Commutateur, en particulier un interrupteur de coupe-circuit de batterie pour véhicules

Publication

EP 2811500 B1 20160224 (EN)

Application

EP 14160649 A 20140319

Priority

IT TO20130457 A 20130604

Abstract (en)

[origin: EP2811500A1] A switch, in particular a battery cutout switch for vehicles and the like, comprising: - a housing (12) carrying at least one pair of fixed electrical contacts (22), - a contact-holder body (28) carrying at least one movable electrical contact (32), the contact-holder body (28) being movable along a longitudinal axis (A) between an open contacts position and a closed contacts position, - elastic means (38) arranged between the housing (12) and the contact-holder body (28) and tending to push the contact-holder body (28) towards the open contacts position, - a handle (44) rotatable about said longitudinal axis (A) between an open position and a closed position, - a cam (64), fixed with respect to said contact-holder body (28), wherein the handle (44) cooperates with said cam (64) to move said contact-holder body (28) from the open contacts position to the closed contacts position, upon rotation of the handle from the open position to the closed position, wherein said cam (64) has at least one first and at least one second active surface (70, 72), and said handle (44) has at least one first control member (54), which cooperates with the first active surface (70) and at least one second control member (56) which cooperates with the second active surface (72), said first and second active surfaces (70, 72) and said first and second control members (54, 56) being arranged in such a way that when the handle (44) rotates from the open position to the closed position, the first control member (54) cooperates with the first active surface (70) to move the contact-holder body (28) from the open contacts position to the closed contacts position, and when the handle (44) rotates from the closed position to the open position, the second control member (56) cooperates with the second active surface (72) to move the contact-holder body (28) from the closed contacts position to the open contacts position.

IPC 8 full level

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Cited by

CN114326918A; CN107112157A; GB2589107A; CN114600214A; WO2016096360A1; US10802531B2; WO2024094169A1

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