

Title (en)
ELECTRICAL SWITCH

Title (de)
ELEKTRISCHER SCHALTER

Title (fr)
COMMUTATEUR ÉLECTRIQUE

Publication
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Application
EP 14780794 A 20140924

Priority
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Abstract (en)
[origin: WO2015062786A1] The invention relates to an electrical switch (10) comprising: a gas-insulated tube (20); a contact system (30), which is arranged on the tube (20) and comprises a fixed and a movable contact (31, 32); a movable contact actuation element (40), which is mechanically and electrically connected to the movable contact (32), is passed through an opening (21) in the tube out of said tube and is shiftable along an actuation direction (P) for the purpose of opening and closing the contact system (30); and a contact contact-pressure spring (100), which is shiftable along the actuation direction (P), is connected to the movable contact actuation element (40) and an external trigger element (90) and is arranged in a stationary guide part (50) of the switch (10), which guide part guides the movable contact actuation element (40), wherein, in the event that the external trigger element (90) is shifted along the actuation direction (P) in the direction of the fixed contact (31), the contact contact-pressure spring (100), the movable contact actuation element (40) and the movable contact (32) are moved in the direction of the fixed contact (31), the contact system (30) is closed, and the contact contact-pressure spring (100) is compressed so as to provide a contact contact-pressure force. In accordance with the invention, provision is made for the contact contact-pressure spring (100) to be arranged in a spring housing (60), which is rigidly connected to the movable contact actuation element (40) and is shiftable relative to the stationary guide part (50), and at least one guide element (110) is attached fixedly to the outside of the spring housing (60), said guide element bearing against the stationary guide part (50) and guiding the spring housing (60) and guiding the movable contact actuation element (40) along the actuation direction (P).

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