

Title (en)
DOUBLE-CONTACT SWITCH HAVING VACUUM SWITCHING CHAMBERS

Title (de)
DOPPELKONTAKT-SCHALTER MIT VAKUUMSCHALTKAMMERN

Title (fr)
COMMUTATEUR À DOUBLE CONTACT COMPORTANT DES CHAMBRES DE COUPURE SOUS VIDE

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Application
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Abstract (en)
[origin: WO2017190915A1] The invention relates to a double-contact switch, comprising a first and a second tubular vacuum switching chamber (1, 3), which are designed as partial switching chambers of a switching tube, an electrode (4), which is fastened in the switching tube and arranged between the first and second vacuum switching chambers and which has a first fixed contact protruding into the first vacuum switching chamber (1) and a second fixed contact protruding into the second vacuum switching chamber (3), a first electrode (11), which is arranged in the first vacuum switching chamber (1) and can be moved therein in the axial direction and which has an area bearing a contact (12), which area is sealed off gas-tight from the exterior of the first vacuum switching chamber (1), a second electrode (31), which is arranged in the second vacuum switching chamber (3) and can be moved therein in the axial direction and which has an area bearing a contact (32), which area is sealed off gas-tight from the exterior of the second vacuum switching chamber (3), wherein the gas-tight seal (13') of the area of the first electrode (11) bearing the contact (12) is designed differently from the gas-tight seal (33') of the area of the second electrode (31) bearing the contact (32) in such a way that the opening of the first fixed contact (41) and the contact (12) of the first electrode (11) and the opening of the second fixed contact (42) and the contact (32) of the second electrode (31) occur with a time offset.

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