

Title (en)
CONTACT ARRANGEMENT FOR A VACUUM SWITCH TUBE

Title (de)
KONTAKTANORDNUNG FÜR EINE VAKUUMSCHALTRÖHRE

Title (fr)
ENSEMBLE DE CONTACTS POUR UN TUBE COMMUTATEUR A VIDE

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Application
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Abstract (en)
[origin: WO0250854A1] The invention relates to a contact arrangement for a vacuum switch tube for low-voltage power switches. The aim of the invention is to reduce the contact force required to control short circuit currents. To this end, a twin-contact contact arrangement is used wherein every contact comprises a plurality of separate individual contacts having a defined spring rate. At least one of the contact bodies (4) is configured as a two-layer spiral contact with a lower layer consisting of a highly elastic material and an upper layer (7) consisting of a highly electroconductive material. A contact coat (9) consisting of a contact material is provided on the upper layer in the outer zone of every contact arm (10).

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