

Title (en)
VACUUM CIRCUIT BREAKER

Title (de)
VAKUUMLEISTUNGSSCHALTER

Title (fr)
DISJONCTEUR À VIDE

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Abstract (en)
[origin: WO2008028672A1] The invention relates to a vacuum switch, especially a vacuum circuit breaker, for medium and high voltages, comprising a mobile switch unit arranged inside a vacuum switch compartment (1) and provided with mutually mobile elements including a contact tappet (17), an insulator (18), and a driving or switching rod (11) introduced into the vacuum switch compartment (1) by means of metal bellows. Said vacuum switch also comprises a fixed contact inserted into the housing of the vacuum switch compartment (1). The upper end of the insulator (18) is fixed to the contact tappet (17), and the lower end of the insulator (18) is fixed to the driving or switching rod (11). The contact tappet (17) is connected to a conductor (8) by a flexible, electroconductive connection (20), said conductor being electroconductively connected to at least one laterally arranged output contact (6). The aim of the invention is to enable an improved embodiment of the switching and contact surfaces. To this end, the fixed contact (16) and the contact tappet (17) respectively comprise a switching contact part (14a, 14b) comprising an outer switching and contact surface (29) and an inner switching and contact surface (30) that can be moved in relation to the outer surface.

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