

Title (en)
VACUUM INTERRUPTER WITH TWO CONTACT SYSTEMS

Title (de)
VAKUUMSCHALTROHRE MIT ZWEI KONTAKTSYSTEMEN

Title (fr)
INTERRUPTEURS A VIDE COMPRENANT DEUX SYSTEMES DE PROTECTION A CONTACTS

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Application
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Abstract (en)
[origin: WO0199132A1] The invention relates to a novel vacuum interrupter. The aim of the invention is for said interrupter to perform the functions switching , disconnection and earthing and to be economically producible. Said aim is achieved by means of a first contact system (22) produced with radial- or axial-magnetic field contacts (21, 23), the movable contact of which (21) is connected to the movable contact (26, 27) of a second contact system (25), comprising annular discs (16, 27). The stationary contact (13) of the second contact system forms an annular part of the housing (10) to which two tubular insulators (11, 12) are connected. One (11) of the insulators encloses both contact systems (22, 25) and is protected by a screen (31) fixed to the movable contact piece (21, 26), which separates the plasma physics of the both contact systems.

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