

Title (en)
CONTACT ARRANGEMENT FOR A GROUNDING SWITCH IN SWITCHGEARS WHICH ARE PROVIDED FOR SUPPLYING AND DISTRIBUTING POWER

Title (de)
KONTAKTANORDNUNG FÜR EINEN ERDUNGSSCHALTER IN SCHALTANLAGEN DER ENERGIEVERSORGUNG UND -VERTEILUNG

Title (fr)
SYSTEME DE CONTACT POUR INTERRUPTEUR DE MISE A LA TERRE DANS DES INSTALLATIONS DE DISTRIBUTION ELECTRIQUE D'ALIMENTATION ET DE DISTRIBUTION D'ENERGIE

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Application
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Abstract (en)
[origin: DE10006821A1] The invention relates to a contact arrangement for a grounding switch in switchgears which are used for supplying and distributing power, especially for a fault initiating switch in medium-voltage switchgears, with two contact members which can move in relation to one another and of which first contact members are provided as blade contacts and other contact members are provided as adjacent gripping contacts that are composed of U-shaped contact lamellae. During contacting, said gripping contacts are connected in an electrically conductive manner to the outer contours of the blade contacts. The blade contact is formed by a contact rod (KS) preferably having a round cross-sectional contour and is delimited on both ends by a guide pin (FB) which protrudes beyond the cross-sectional contour and which is provided with a guiding groove (FN). The guide pins (FB) are linearly guided with the guide grooves (FN) inside guiding slots (FS) of a housing wall (GW) that outwardly delimits the contact arrangement, whereby the contact rod (KS) is guided to the gripping contacts by a spreading link drive (SA) having contact pressure springs (KF). Grounding switches are used in switchgears provided for supplying and distributing power.

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IPC 8 full level
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