

Title (en)
CONTACT ARRANGEMENT FOR CURRENT-LIMITING PROTECTIVE CIRCUIT BREAKERS

Title (de)
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Title (fr)
SYSTEME DE CONTACT POUR DISJONCTEURS LIMITEURS DE COURANT

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Application
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Abstract (en)
[origin: WO0241347A1] The invention relates to a contact arrangement for current-limiting protective circuit breakers for use in the low voltage range, especially for current-limiting power circuit breakers. According to the invention, a rotary contact bridge (10) is joined to an actuating shaft (6) by means of contact force tension springs (18), which are symmetrically arranged in pairs. In order to slow down the contact bridge (10) that is electrostatically repelled by the fixed contacts (16), each of the two inner walls (26) of the actuating shaft (6), which are situated opposite the contact bridge (10), is constructed in such a manner that the inner wall, starting from the closed position, passes from an area (28) of play into an area (30) of friction in the direction of the repelled position of the contact bridge (10) for the tension springs (18).

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