

Title (en)
DEVICE FOR TRANSMISSION OF FORCES

Title (de)
VORRICHTUNG ZUR ÜBERTRAGUNG VON KRÄFTEN

Title (fr)
DISPOSITIF DE TRANSFERT DE FORCES

Publication
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Application
EP 14747005 A 20140731

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Abstract (en)
[origin: WO2015022194A1] The invention relates to the modification of a device having a simple structure for transmission of forces on a moving contact connecting bolt (7) of a contact system consisting of a moving contact and a further contact of a switching unit (1), having an at least partially flexible conductor element (12) which is provided for electrical connection of the moving contact connecting bolt (7) to a connection of the switching unit (1) and has at least one first branch (14) and a second branch (16), which branches are arranged for reciprocal current flow in order thus to generate an electromagnetic force, the first branch (14) being disposed stationary in a housing (5) of the switching unit (1). According to the invention the second branch (16) is guided along and retained on a support plate (17) firmly connected to the moving contact connecting bolt (7) in such a way that an electromagnetic force occurring in a short-circuit can be introduced between the first branch (14) and the second branch (16) for increasing a contact pressure exerted by a contact pressure spring in the moving contact connecting bolt (7), the support plate (15) being guided so as to be slidably movable in the housing (5) of the switching unit (1).

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