

Title (en)

DOUBLE BREAK INSTALLATION SWITCHGEAR

Title (de)

INSTALLATIONSSCHALTGERÄT MIT EINER DOPPELUNTERBRECHUNG

Title (fr)

APPAREIL DE COMMUTATION D'INSTALLATION COMPRENANT UN BLOCAGE DOUBLE

Publication

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Application

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Priority

- EP 2007009671 W 20071108
- DE 102006054984 A 20061122

Abstract (en)

[origin: WO2008061631A1] The invention relates to an installation switchgear (1) with at least one pole current path (2), comprising two stationary contacts (5, 6) and two mobile contacts (8, 9) that are arranged on a mobile contact bridge (7), said contacts forming a double break pole switch with two contacts. The contact bridge (7) is impinged upon by a pusher (12) in the direction of opening (O) and by a contact compression spring (11) in the direction of closure (S). The switchgear further comprises an electromagnetic trigger (13) the striker armature of which, in the event of a short-circuit, strikes the contact bridge (7) open via the pusher (12) in the direction of opening (O) and unlatches the latch point of a switch latch (15) so that the switch latch (15) permanently impinges the contact bridge (7) in a point of attack via an active lever (17) against the force of the contact compression spring (11) so as to open it. The invention is characterized in that the pusher (12), when striking the contact bridge (7) open, entrains the active lever (17) in the direction of its point of attack (24) on the pusher (12) via a dog element (29) so that the trigger path of the active lever (17) is shortened.

IPC 8 full level

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