

Title (en)
DISCONNECTING SWITCH THAT DETECTS THE FAILURE OF AN ACCELERATION SPRING OF AN ARCING CONTACT

Title (de)
TRENNSCHALTER ZUR ERKENNUNG DES DEFEKTS EINER BESCHLEUNIGUNGSFEDER EINES LICHTBOGENKONTAKTS

Title (fr)
SECTIONNEUR À DÉTECTION DE DÉFAILLANCE D'UN RESSORT D'ACCÉLÉRATION D'UN CONTACT D'ARC

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Application
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Abstract (en)
[origin: WO2015107023A1] The invention relates to an electrical cutoff device (1), in particular a disconnecting switch, comprising two arcing electrical contacts (5a, 5b) designed to be moved from a closed position to an open position during an opening operation, by means of the relative translational movement of said arcing contacts along a central axis (19). According to the invention, the device comprises means for accelerating the mobile arcing contact (5b) during the opening operation, employing a spring (16). The device is also designed such that, following the release of energy from the spring (16) during the opening operation, if the mobile arc contact (5b) and the other mobile body (4b') do not find their pre-determined relative positions, the other body (4b') is prevented from reaching the open position by a limit stop.

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