

Title (en)

MECHANICAL CUT-OFF APPARATUS FOR A HIGH-VOLTAGE OR VERY HIGH-VOLTAGE ELECTRIC CIRCUIT WITH SPLITTING DEVICE

Title (de)

MECHANISCHE ABSCHALTVORRICHTUNG FÜR ELEKTRISCHE SCHALTUNG MIT HOHER ODER SEHR HOHER SPANNUNG MIT TRENNVORRICHTUNG

Title (fr)

APPAREIL DE COUPURE MECANIQUE D'UN CIRCUIT ELECTRIQUE HAUTE TENSION OU TRES HAUTE TENSION AVEC DISPOSITIF DE FRACTIONNEMENT

Publication

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Application

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Abstract (en)

[origin: WO2017025678A1] The invention relates to a mechanical cut-off apparatus for an electric circuit comprising two electrodes mobile with respect to one another, and comprising an electric arc splitting device (48) comprising a multitude of distinct conducting elements separated and isolated electrically from one another. According to the invention, the splitting device comprises a first part and a second part, mobile with respect to one another between: - a position of electrical contact, and - a separated position of the two parts. The splitting device (48) comprises at least one series of said distinct conducting elements which, in the electrical closure position of the electrodes of the mechanical apparatus, are disposed along the continuous conducting electrical path of the nominal electric current through the apparatus defined by the two parts of the splitting device in the electrical contact position.

IPC 8 full level

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See references of WO 2017025678A1

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