

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE MOVEMENT OF A MOVABLE MEMBER OF A DISCONNECTING SWITCH

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER BEWEGUNG EINES BEWEGLICHEN TEILS EINES TRENNSCHALTERS

Title (fr)

PROCEDE ET DISPOSITIF DE CONTROLE D'UNE MANOEUVRE D'UN ORGANE MOBILE D'UN SECTIONNEUR

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Application

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Abstract (en)

[origin: WO2012020187A1] The invention relates to a device for controlling the movement of at least one movable member of a disconnecting switch (2) for opening or closing the disconnecting switch (2), said member being set into motion by a transmission system driven by an electric motor (5) powered by a power supply circuit (6) driven by a control unit (7) on the basis of a switching order. The control device includes at least: measuring an instantaneous angular position (T) of the member relative to a reference angular position corresponding to the opening or closing of the disconnecting switch (2); measuring the instantaneous electrical power (P) supplied to the motor (5) for moving said movable member to said instantaneous angular position (T); comparing said measured instantaneous power (P) with a corresponding reference electrical power (Pref(0)) on the basis of said measured instantaneous angular position (T); and generating a failure-indicating signal when said measured instantaneous power (P) differs from said reference power (Pref()) by a predetermined value.

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