

Title (en)

METHOD FOR DETERMINING THE REMAINING SERVICE LIFE OF A SWITCHING DEVICE AND CORRESPONDING ASSEMBLY

Title (de)

VERFAHREN ZUR BESTIMMUNG DER RESTLEBENSDAUER EINES SCHALTGERÄTES UND ZUGEHÖRIGE ANORDNUNG

Title (fr)

PROCEDE POUR DETERMINER LA DUREE DE VIE RESTANTE D'UN APPAREIL DE COMMUTATION ET SYSTEME ASSOCIE

Publication

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Application

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Abstract (en)

[origin: WO2004057633A1] Known methods monitor the contact resilience during the displacement of the switching device actuator in order to determine the contact erosion of contact pieces and the remaining service life of the switching device. Two intervals in particular can be recorded during the displacement of the actuator in order to monitor the contact resilience. According to the invention, a separate sensor is provided to record and display the contact erosion and/or the mechanical wear of the switching device by the monitoring of the contact resilience, said sensor detecting at least one event in order to determine the time interval between two such events.

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