

Title (en)

METHOD FOR DETERMINING SWITCHGEAR-RELATED DATA IN SWITCHGEAR CONTACTS AND/OR OPERATION-RELATED DATA IN A CONNECTED NETWORK

Title (de)

VERFAHREN ZUR BESTIMMUNG VON SCHALTGERÄTESPEZIFISCHEN DATEN AN KONTAKTEN IN SCHALTGERÄTEN UND/ODER VON BETRIEBSSPEZIFISCHEN DATEN IM DAMIT GESCHALTETEN NETZ

Title (fr)

PROCEDE POUR DETERMINER DES DONNEES SPECIFIQUES D'APPAREILS DE COMMUTATION AU NIVEAU DE CONTACTS INSTALLES DANS LESDITS APPAREILS DE COMMUTATION ET/OU DONNEES SPECIFIQUES DE FONCTIONNEMENT DANS UN RESEAU COMMUTE DE FAÇON CORRESPONDANTE

Publication

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Application

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Abstract (en)

[origin: DE19734224C1] The invention relates to a method in which the contact spring action at the break is detected, in particular for earthing contacts, as a replacement criterion for the erosion of contacts. Erosion can be determined by measuring the change in contact spring action during the switching off process, and converted to give the residual life of the contacts. This requires precise measurement of the armature path from the beginning of the armature movement to the beginning of the contact opening. In accordance with the invention, the switching conditions in the switchgear and in the electric network can also be detected from the signals used for determining the contact spring action.

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IPC 8 full level

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