Title (en)
METHOD FOR DETERMINING WEAR OF A SWITCHGEAR CONTACTS

Title (de)
VERFAHREN ZUM FESTSTELLEN VON KONTAKTVERSCHLEISS EINES ELEKTRISCHEN GERÄTES

Title (fr)
PROCEDE POUR DETERMINER L'USURE DES CONTACTS D'UN APPAREIL INTERRUPTEUR

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Application
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Abstract (en)
[origin: WO03054895A1] The invention concerns a method, in a switchgear, for determining wear of pole contacts (C1, C2, C3) actuated by an electromagnet (20) whereof the movement is controlled by a field coil (21). Wear is determined on the basis of a travel time (Tu) of the wear stroke of the contacts (C1, C2, C3) which is produced, during a movement closing the electromagnet, by measuring at least an electric signal (Ip) representing the conducting status of at least one power pole, by measuring an excitation current (Is) flowing in the electromagnet coil (21) and by comparing the electric signal (Ip) and the excitation current (Is) on a time basis. The measured travel time (Tu) of the wear stroke can then be compared to an initial travel time (Ti) stored in the switchgear. The invention also concerns a switchgear capable of implementing said method.

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