

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

Publication
EP 1466336 B1 20090722 (FR)

Application
EP 02799097 A 20021217

Priority
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• FR 0117104 A 20011221

Abstract (en)
[origin: FR2834120A1] The pole contact (C1,C2,C3) wear determination method has an electromagnet (20) with movement controlled by a field coil (21). Wear is determined on the basis of the contact wear stroke produced during a movement closing the electromagnet. An electric signal is measured on the conducting status of a power pole, by measuring the excitation current flowing in the coil on a time basis. The measured wear time is then compared with the initial travel time.

IPC 8 full level
H01H 1/00 (2006.01); **H01H 47/00** (2006.01)

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H01H 1/00 (2013.01 - KR); **H01H 1/0015** (2013.01 - EP US); **H01H 71/04** (2013.01 - KR); **H01H 2071/044** (2013.01 - EP US)

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