

Title (en)

Method for monitoring wear of contacts of a step switch

Title (de)

Verfahren zur Überwachung des Kontaktabbrandes bei Stufenschaltern

Title (fr)

Méthode pour surveiller l' usure des contacts d' un interrupteur à gradins

Publication

**EP 1120801 B1 20061227 (DE)**

Application

**EP 00127394 A 20001214**

Priority

DE 10003918 A 20000129

Abstract (en)

[origin: US2001013784A1] A method of monitoring contact burnoff in tap changers operating under load in which the load current is measured and for nominal variation of the voltage of the particular tap parameters are stored which are used to calculate the burnoff rate per contact per switching operation. From these values the cumulative burnoff rate of both the switching contact and resistance contact are determined and compared with limits or threshold values.

IPC 8 full level

**H01H 1/00** (2006.01)

CPC (source: EP US)

**H01H 1/0015** (2013.01 - EP US); **H01H 2009/0061** (2013.01 - EP US)

Cited by

EP1318533A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

RO

DOCDB simple family (publication)

**US 2001013784 A1 20010816; US 6518771 B2 20030211**; AT E349761 T1 20070115; DE 10003918 C1 20010705; DE 50013904 D1 20070208; EP 1120801 A2 20010801; EP 1120801 A3 20030129; EP 1120801 B1 20061227; ES 2275469 T3 20070616

DOCDB simple family (application)

**US 77228901 A 20010129**; AT 00127394 T 20001214; DE 10003918 A 20000129; DE 50013904 T 20001214; EP 00127394 A 20001214; ES 00127394 T 20001214