

Title (en)  
Method for monitoring a tap changer

Title (de)  
Verfahren zur Überwachung eines Stufenschalters

Title (fr)  
Procédé de surveillance d'un sélecteur de prises

Publication  
**EP 0917169 A3 20000308 (DE)**

Application  
**EP 98116787 A 19980905**

Priority  
DE 19744465 A 19971008

Abstract (en)  
[origin: DE19744465C1] Control of a multi-contact switch is achieved by measurement of the effective values of current and voltage, which are then used to determine the torque of a drive axle, which leads from the motor to the contact switch. Further steps permit comparison of measured and design torques and from comparisons prediction of a trend towards severe differences which can be used to shut off the motor.

IPC 1-7  
**H01H 9/00**

IPC 8 full level  
**G05F 1/147** (2006.01); **H02P 13/06** (2006.01); **H01H 9/00** (2006.01); **H02J 13/00** (2006.01); **H01H 1/00** (2006.01)

CPC (source: EP US)  
**H01H 9/0005** (2013.01 - EP US); **H01H 1/0015** (2013.01 - EP US); **H01H 2009/0061** (2013.01 - EP US)

Citation (search report)  
• [DA] DE 4214431 A1 19931111 - REINHAUSEN MASCHF SCHEUBECK [DE]  
• [DA] DD 246409 A1 19870603 - LIEBKNECHT TRANSFORMAT [DD]  
• [DA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 011 (E - 374) 17 January 1986 (1986-01-17)

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

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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