

Title (en)

Field current supply for an electrical rotary machine

Title (de)

Erregerstromzuführung für eine elektrische Rotationsmaschine

Title (fr)

Alimentation du courant d'excitation pour une machine électrique tournante

Publication

EP 1406357 A1 20040407 (DE)

Application

EP 02022464 A 20021004

Priority

EP 02022464 A 20021004

Abstract (en)

The rotation machine (39) has a slip ring on a shaft (40) and a brush that can be brought into contact with the slip ring. The arrangement has a measurement and evaluation device with a distance sensor arranged close to the slip ring surface for determining variations in the slip ring from a distance measurement between the distance sensor and the slip ring surface. Independent claims are also included for the following: (a) a turbogenerator (b) and a method of measuring and evaluating faults or damage in or to a slip ring of an electrical rotation machine.

Abstract (de)

Die Erfindung betrifft eine Erregerstromzuführung 1 für eine elektrische Rotationsmaschine 39 mit einem Mess- und Auswertesystem 22, die den Abstand zwischen dem Abstandssensor 9, 9a und der Schleifringoberfläche 14 misst, um die Abnutzung der Schleifringe 2, 3 und mögliche Schäden auf den Schleifringen 2, 3 kontrollieren zu können. <IMAGE>

IPC 1-7

H01R 39/58; **B21B 38/12**

IPC 8 full level

B21B 38/12 (2006.01); **H01R 39/58** (2006.01)

CPC (source: EP)

B21B 38/12 (2013.01); **H01R 39/58** (2013.01)

Citation (search report)

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