

Title (en)

DEVICE AND METHOD FOR MEASURING CURRENTS IN A BEARING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MESSUNG VON STRÖMEN IN EINEM LAGER

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE DE COURANTS DANS UN PALIER

Publication

EP 2532079 A1 20121212 (DE)

Application

EP 10721693 A 20100511

Priority

EP 2010002905 W 20100511

Abstract (en)

[origin: WO2011141038A1] The invention relates to a measuring method and a device that permit a better evaluation of bearing currents. Furthermore, a method and device are specified, said method implementing a non-contact measurement of bearing currents. A non-contact voltage measurement is performed by means of a series circuit of capacitors. The bearing voltage can be detected especially well in this manner even in the high frequency range.

IPC 8 full level

G01R 31/34 (2006.01); **H02K 11/00** (2006.01)

CPC (source: EP US)

G01R 27/2605 (2013.01 - US); **G01R 31/343** (2013.01 - EP US); **G06V 40/1306** (2022.01 - US); **H02K 11/20** (2016.01 - EP US); **H02K 5/161** (2013.01 - EP US); **H02K 2211/03** (2013.01 - EP US)

Citation (search report)

See references of WO 2011141038A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2011141038 A1 20111117; BR 112012028790 A2 20160719; CN 102893503 A 20130123; CN 102893503 B 20160120; EP 2532079 A1 20121212; RU 2012153247 A 20140620; RU 2550155 C2 20150510; US 2013049772 A1 20130228; US 9035664 B2 20150519

DOCDB simple family (application)

EP 2010002905 W 20100511; BR 112012028790 A 20100511; CN 201080066748 A 20100511; EP 10721693 A 20100511; RU 2012153247 A 20100511; US 201013697239 A 20100511