Title (en)

METHOD AND COMPUTER PROGRAMME FOR DETECTING THE STATIONARY STATE OF A ROLLER BEARING AND A ROLLER BEARING WHICH MAY BE ANALYSED THUS

Title (de)

VERFAHREN UND COMPUTERPROGTAMM ZUR STILLSTANDSDETEKTION EINES W[LZLAGERS SOWIE HIERMIT AUSWERTBARES W[LZLAGER

Title (fr)

PROCEDE ET PROGRAMME INFORMATIQUE POUR DETECTER L'IMMOBILISATION D'UN ROULEMENT, ET ROULEMENT POUVANT FAIRE L'OBJET DE CETTE DETECTION

Publication

EP 1771740 A1 20070411 (DE)

Application

EP 05768289 A 20050726

Priority

- DE 2005001312 W 20050726
- DE 102004037358 A 20040730

Abstract (en)

[origin: WO2006012853A1] The invention relates to a method and a computer programme for detecting the stationary state of a roller bearing, comprising z rolling bodies, where z is a whole number, preferably an even number, to which a sensor arrangement is fixed, delivering a sinusoidal signal, dependent on the rotational position of the bearing on the rotation of the roller bearing. Said sinusoidal signal is sampled, whereupon sampled values are determined. According to the invention, a first average value (MW<sub

IPC 8 full level

G01P 13/00 (2006.01)

CPC (source: EP US)

G01P 13/00 (2013.01 - EP US)

Citation (search report)

See references of WO 2006012853A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006012853 A1 20060209; DE 102004037358 B3 20060323; EP 1771740 A1 20070411; JP 2008508540 A 20080321; JP 4736101 B2 20110727; US 2008317396 A1 20081225; US 7860689 B2 20101228

DOCDB simple family (application)

DE 2005001312 W 20050726; DE 102004037358 A 20040730; EP 05768289 A 20050726; JP 2007528573 A 20050726; US 57285705 A 20050726