

Title (en)

DEVICE AND METHOD FOR THE NON-DESTRUCTIVE TESTING OF A ROLLING BEARING COMPONENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ZERSTÖRUNGSFREIEN PRÜFEN EINER KOMPONENTE EINES WÄLZLAGERS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LE CONTRÔLE NON DESTRUCTIF D'UN ÉLÉMENT COMPOSANT UN PALIER À ROULEMENT

Publication

EP 3011298 A1 20160427 (DE)

Application

EP 14736669 A 20140620

Priority

- DE 102013106470 A 20130620
- EP 2014063021 W 20140620

Abstract (en)

[origin: WO2014202752A1] The invention relates to a device and a method for the non-destructive testing of a component of a rolling bearing (2), said bearing comprising a plurality of rolling elements (6). According to the invention, the component is laterally accessible in the assembled state of the rolling bearing (2) in an area (10) located between two adjacent rolling elements (6) and the device comprises a testing device (14) which can be guided laterally into the rolling bearing (2) and seated against the component, said testing device comprising at least one sensor (16) for testing the component.

IPC 8 full level

G01M 13/04 (2006.01)

CPC (source: EP)

F16C 19/52 (2013.01); **G01M 13/045** (2013.01); **F16C 19/386** (2013.01)

Citation (search report)

See references of WO 2014202752A1

Citation (examination)

- EP 0529354 A1 19930303 - HOESCH AG [DE]
- EP 1972918 A2 20080924 - THYSENKRUPP FOERDERTECHNIK [DE]

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013106470 A1 20141224; CN 105358953 A 20160224; EP 3011298 A1 20160427; WO 2014202752 A1 20141224

DOCDB simple family (application)

DE 102013106470 A 20130620; CN 201480035153 A 20140620; EP 14736669 A 20140620; EP 2014063021 W 20140620