

Title (en)

METHOD FOR DETERMINING VIBRATION OF A WIND TURBINE TOWER

Title (de)

VERFAHREN ZUM BESTIMMEN EINER SCHWINGUNG EINES WINDENERGIEANLAGENTURMS

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UNE OSCILLATION D'UNE TOUR D'ÉOLIENNE

Publication

EP 3458713 A1 20190327 (DE)

Application

EP 17724333 A 20170505

Priority

- DE 102016109122 A 20160518
- EP 2017060795 W 20170505

Abstract (en)

[origin: WO2017198481A1] The invention relates to a method for determining vibration of a tower of a wind turbine, comprising the steps of sensing motion of at least one marker arranged on the tower by means of a sensor and determining at least one vibration quantity describing the vibration from the sensed motion, wherein the sensing of the motion is carried out in such a way that motion of the marker relative to the sensor is sensed. The invention further relates to a corresponding measuring device and to a corresponding wind turbine.

IPC 8 full level

F03D 17/00 (2016.01)

CPC (source: EP)

F03D 17/00 (2016.05); **F05B 2240/912** (2013.01); **F05B 2260/80** (2013.01); **F05B 2260/96** (2013.01); **F05B 2270/334** (2013.01); **F05B 2270/8041** (2013.01); **Y02E 10/728** (2013.01)

Citation (search report)

See references of WO 2017198481A1

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)

WO 2017198481 A1 20171123; DE 102016109122 A1 20171123; EP 3458713 A1 20190327

DOCDB simple family (application)

EP 2017060795 W 20170505; DE 102016109122 A 20160518; EP 17724333 A 20170505