

Title (en)

AUTOMATED RESONANCE TEST ON MULTI-COMPONENT COMPONENTS BY MEANS OF PATTERN RECOGNITION

Title (de)

AUTOMATISIERTE KLANGPROBE AN MEHRKOMONENTIGEN BAUTEILEN MITTELS MUSTERERKENNUNG

Title (fr)

TEST ACOUSTIQUE AUTOMATISÉ SUR ÉLÉMENTS MULTICOMPOSÉS PAR RECONNAISSANCE DE FORMES

Publication

EP 3596438 A1 20200122 (DE)

Application

EP 18720135 A 20180412

Priority

- DE 102017208043 A 20170512
- EP 2018059419 W 20180412

Abstract (en)

[origin: WO2018206219A1] A fast and simple classification of the state of the component is ensured by carrying out the resonance test in an automated manner on blade assemblies, in which frequency images of new and used components are compared with each other.

IPC 8 full level

G01M 13/02 (2019.01); **G01M 15/14** (2006.01)

CPC (source: EP US)

F01D 21/003 (2013.01 - EP US); **G01M 7/00** (2013.01 - EP); **G01M 13/00** (2013.01 - EP US); **G01M 13/028** (2013.01 - EP US); **G01N 29/045** (2013.01 - EP US); **G01N 29/12** (2013.01 - US); **G01N 29/4427** (2013.01 - US); **G01N 29/4436** (2013.01 - EP); **G01N 29/46** (2013.01 - EP); **G06N 5/047** (2013.01 - US); **F05D 2260/83** (2013.01 - US); **F05D 2260/96** (2013.01 - EP); **F05D 2270/333** (2013.01 - EP); **G01N 2291/2693** (2013.01 - EP US)

Citation (search report)

See references of WO 2018206219A1

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 102017208043 A1 20181115; EP 3596438 A1 20200122; US 2021140925 A1 20210513; WO 2018206219 A1 20181115

DOCDB simple family (application)

DE 102017208043 A 20170512; EP 18720135 A 20180412; EP 2018059419 W 20180412; US 201816611893 A 20180412