

Title (en)
ROTOR FOR A TURBINE

Title (de)
ROTOR FÜR EINE TURBINE

Title (fr)
ROTOR POUR TURBINE

Publication
EP 3017147 B1 20170412 (DE)

Application
EP 14734797 A 20140630

Priority
• DE 102013213115 A 20130704
• EP 2014063812 W 20140630

Abstract (en)
[origin: WO2015000830A2] The invention relates to a rotor (103) for a turbine (100), comprising a plurality of rotor components (130) lined up in the axial direction and connected by means of a connecting rod (144), wherein a groove (152) which extends in the circumferential direction and is open in the axial direction is disposed on one of the rotor components (130), wherein a coupling element (154) running around the connecting rod (144) in order to support the connecting rod (144) is disposed in the groove (152). Said rotor is intended to enable particularly stable support of the connecting rod in order to prevent vibrations by technically simple means. For this purpose the coupling element (154) is disposed on a retaining element (150) connected to the connecting rod (144).

IPC 8 full level
F01D 5/02 (2006.01); **F01D 5/06** (2006.01); **F01D 5/10** (2006.01)

CPC (source: EP US)
F01D 5/025 (2013.01 - US); **F01D 5/026** (2013.01 - EP US); **F01D 5/066** (2013.01 - EP US); **F01D 5/10** (2013.01 - EP US);
F05D 2220/32 (2013.01 - US); **F05D 2230/60** (2013.01 - US); **F05D 2240/24** (2013.01 - US); **F05D 2240/60** (2013.01 - US);
F05D 2260/30 (2013.01 - US)

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

DOCDB simple family (publication)
WO 2015000830 A2 20150108; WO 2015000830 A3 20150226; CN 105358797 A 20160224; DE 102013213115 A1 20150122;
EP 3017147 A2 20160511; EP 3017147 B1 20170412; JP 2016524082 A 20160812; US 10174618 B2 20190108; US 2016130948 A1 20160512

DOCDB simple family (application)
EP 2014063812 W 20140630; CN 201480038127 A 20140630; DE 102013213115 A 20130704; EP 14734797 A 20140630;
JP 2016522557 A 20140630; US 201414899171 A 20140630