

Title (en)

Method of coupling two rotor sections and turbine rotor

Title (de)

Verfahren zur Verbindung zweier Rotorabschnitte sowie Turbinenrotor

Title (fr)

Procédé d'accouplement de deux sections d'un rotor et rotor de turbine

Publication

EP 2708697 A1 20140319 (EN)

Application

EP 12184721 A 20120917

Priority

EP 12184721 A 20120917

Abstract (en)

A method of coupling at least two sections of a rotor designed to carry the rotating parts of a turbine for the generation of electrical power for a public grid and a modified rotor is described with a coupling of increased diameter exceeding the nominal diameter of the rotor, with the step of removing mass from an volume lying exclusively within the interior of the sections when coupled such that the lateral critical speed of the coupling is moved away from the normal operating speed of the rotor

IPC 8 full level

F01D 5/02 (2006.01); **G01M 1/32** (2006.01)

CPC (source: EP US)

F01D 5/02 (2013.01 - US); **F01D 5/026** (2013.01 - EP US); **F01D 5/027** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2230/10** (2013.01 - EP US); **F05D 2230/80** (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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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)

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DOCDB simple family (application)

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