

Title (en)

SECURING SEGMENT FOR THE VIBRATION DAMPING OF TURBINE BLADES AND ROTOR DEVICE

Title (de)

SICHERUNGSSEGMENT ZUR SCHWINGUNGSDÄMPFUNG VON TURBINENLAUFSCHAUFELN UND ROTORVORRICHTUNG

Title (fr)

SEGMENT DE BLOCAGE POUR AMORTIR LES VIBRATIONS D'AUBES DE TURBINE ET SYSTÈME ROTOR

Publication

EP 2756169 A1 20140723 (DE)

Application

EP 12780652 A 20120912

Priority

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Abstract (en)

[origin: WO2013037483A1] A securing segment (17A, 17B) is proposed, for axially securing at least one blade on a disc wheel of a rotor device of a jet engine that can be brought into operative connection with at least one blade and a disc wheel. A projecting region (28) is provided in a first peripheral region of the securing segment (17B) that is laterally disposed in the circumferential direction in the fitted state and a receiving region (27) is provided in a second lateral peripheral region that is remote from the first peripheral region. The projecting region (28) of the securing segment (17B) is designed such that, in the fitted state, it is overlapping at least in certain regions and performs frictional work with a receiving region (27) of a structurally identical securing segment (17A) that is adjacent in the circumferential direction.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013037483A1

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