

Title (en)

Gas turbine engine comprising a precision balancing assembly of the turbine rotor

Title (de)

Gasturbinentriebwerk mit einer Anordnung zum Feinauswuchten des Rotors

Title (fr)

Turbomachine comprenant un assemblage de correction de balourd de précision pour le rotor

Publication

**EP 1726780 B1 20140924 (DE)**

Application

**EP 06114120 A 20060517**

Priority

DE 102005025086 A 20050526

Abstract (en)

[origin: EP1726780A2] The device has a peripheral groove of a rotor disk of a compressor. An insertion body (7) has radial bores with internal thread sections to receive balancing screws (16). Each bore lies in a certain rotational position of the rotor in an alignment with opening in an inner housing and another opening in an external housing. A transitionally arranged guiding tube (15) is provided for feeding screws and guiding tool (17) to the bores.

IPC 8 full level

**F01D 5/02** (2006.01); **F01D 25/28** (2006.01)

CPC (source: EP US)

**F01D 5/027** (2013.01 - EP US); **F01D 25/285** (2013.01 - EP US)

Cited by

CN109871947A; DE102019111211A1; EP1793082A3; EP2520767A1; DE102010053123A1

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DE FR GB

DOCDB simple family (publication)

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DE 102005025086 B4 20140710; US 2006266114 A1 20061130

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