

Title (en)

Device for a precision balancing of turbine rotors

Title (de)

Anordnung zum Feinauswuchten des Rotors eines Gasturbinenriebwerks

Title (fr)

Dispositif pour une correction de balourd de précision pour rotors de turbomachines

Publication

EP 1726780 A3 20090506 (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)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1726780 A2 20061129; EP 1726780 A3 20090506; EP 1726780 B1 20140924; DE 102005025086 A1 20061130;
DE 102005025086 B4 20140710; US 2006266114 A1 20061130

DOCDB simple family (application)

EP 06114120 A 20060517; DE 102005025086 A 20050526; US 44134706 A 20060526