

Title (en)

Rotor of a turbomachine, in particular gas turbine rotor

Title (de)

Rotor einer Turbomaschine, insbesondere Gasturbinenrotor

Title (fr)

Rotor d'une turbomachine, notamment rotor d'une turbine à gaz

Publication

EP 1650405 B1 20071205 (DE)

Application

EP 05022065 A 20051010

Priority

DE 102004051116 A 20041020

Abstract (en)

[origin: EP1650405A1] The rotor has a rotor base unit with a groove extending in circumferential direction of the unit, and a set of rotor blades. Each rotor blade has a blade platform positioned between a blade and a blade root (24). The groove and the root are profiled so that the root is inserted to the groove by tilt or swivel motion. The root is dimensioned in the direction such that width of the root corresponds to width of the platform. An independent claim is also included for a gas turbine comprising a rotor.

IPC 8 full level

F01D 5/30 (2006.01)

CPC (source: EP US)

F01D 5/3038 (2013.01 - EP US)

Cited by

FR2940354A1; EP2818638A1; EP2615251A1; US8834124B2; US8932023B2; WO2010072522A1; WO2014025758A1

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