

Title (en)

GAS TURBINE ROTOR FEATURING COOLING AIR CONDUCTION

Title (de)

ROTOR EINER GASTURBINE MIT KÜHLLUFTFÜHRUNG

Title (fr)

ROTOR DE TURBINE À GAZ POURVU DE CONDUITS D'AIR DE REFROIDISSEMENT

Publication

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Application

EP 17702587 A 20170127

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- EP 2017051734 W 20170127

Abstract (en)

[origin: WO2017148630A1] The invention relates to a rotor (01) for use in a gas turbine, comprising a plurality of compressor segments (21), a plurality of central segments (31), and a plurality of turbine segments (41); the compressor segments (21) and the turbine segments (41) correspondingly have blade rims (22, 42). In order to better cool the central segments (31) and the turbine rims (42), cooling air ducts (25a, 35, 45a) are used which penetrate the segments (21a, 31, 41a).

IPC 8 full level

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