

Title (en)

Thermal barrier for turbine rotor

Title (de)

Wärmedämmung für einen Turbinenrotor

Title (fr)

Barrière thermique pour rotor de turbine

Publication

EP 0799971 B1 20021113 (DE)

Application

EP 97810142 A 19970313

Priority

DE 19613472 A 19960404

Abstract (en)

[origin: EP0799971A2] The compressor rotor (5) has one or more rotating chambers (13) near its surface. The chambers are connected to the flow channel (15) via a gap (14), and located between the rotor blade rows. Each chamber has a circular cross-sectional surface. The axial extend (d) of the chamber is of approximately the same size as the axial distance (s) between two neighbouring chambers.

IPC 1-7

F01D 5/08

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2551453A1; DE102012014646A1; US9382802B2

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