

Title (en)

GAS TURBINE WITH IMPROVED MOUNTING OF THE INNER HOUSING

Title (de)

GASTURBINE MIT VERBESSERTER LAGERUNG DES INNENGEHÄUSES

Title (fr)

TURBINE À GAZ MUNIE D'UN SUPPORT AMÉLIORÉ DU CARTER INTÉRIEUR

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Application

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Abstract (en)

[origin: WO2017080826A1] The invention relates to a gas turbine having a compressor, a mid-section and a turbine, wherein a diffuser (11) is arranged at the end of the compressor. This diffuser (11) comprises a diffuser housing section (12) partially surrounding the rotor (06) in the mid-section, wherein an inner housing (21) partially surrounding the rotor (06) is subsequently arranged. The inner housing (21) can move in a limited manner in the axial direction relative to the diffuser housing section (12), wherein the movement in an opposing direction is limited by the contact of a diffuser contact surface (15) on an inner contact surface (24). According to the invention, in order to reduce the maintenance costs, the diffuser contact surface (15) and/or the inner contact surface is arranged on a removable wear attachment (14).

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