

Title (en)

GAS TURBINE WITH A PERIPHERAL RING SEGMENT COMPRISING A RECIRCULATION CHANNEL

Title (de)

GASTURBINE MIT EINEM MANTELRINGSEGMENT, DAS EINEN REZIRKULATIONSKANAL UMFASST

Title (fr)

TURBINE À GAZ DOTÉE D'UN SEGMENT ANNULAIRE COMPRENANT UN CANAL DE RECIRCULATION

Publication

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Application

**EP 07785646 A 20070718**

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Abstract (en)

[origin: CA2657190A1] A gas turbine is disclosed, with at least one compressor, at least one combustion chamber, and at least one turbine, wherein the, or each, compressor and/or the, or each, turbine has a rotor comprising guide vanes (12) enclosed by a static housing (13), and wherein an inlet covering (15) is assigned to the housing. The gas turbine comprises at least one channel (19) in order to apply a pressure prevailing on the high pressure side of the guide vanes (12) of a rotor to a low pressure side of same, in the region of a gap (17) between the radially external ends (16) of the guide vanes (12) and the housing (13), and thus to eliminate a flow through the gap (17).

IPC 8 full level

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