

Title (en)

GUIDE VANE FOR A GAS TURBINE

Title (de)

LEITSCHAUFEL FÜR EINE GASTURBINE

Title (fr)

AUBE DIRECTRICE POUR TURBINE A GAZ

Publication

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Application

EP 09726037 A 20090305

Priority

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Abstract (en)

[origin: WO2009118235A2] The invention relates to a guide vane (20) for a gas turbine (10), in particular for a low-pressure turbine (18) of a gas turbine (10) with sequential combustion, comprising a vane (22) that extends in the radial direction between an inner platform (23) and an outer platform (21), extending in the inner cooling channel thereof (30, 31, 32), through which a cooling medium, in particular cooling air, for cooling the guide vane (20) can flow. In said type of guide vane, the desired service life and cooling, in relation to the used casting process is achieved such that the vane (22) comprises a transversal surface of the blade material in the radial direction, that varies about the height (h) of the vane (22).

IPC 8 full level

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Citation (examination)

- EP 1626162 A1 20060215 - UNITED TECHNOLOGIES CORP [US]
- EP 1013882 A2 20000628 - ROLLS ROYCE PLC [GB]

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