

Title (en)

BLADE FOR A ROTATING THERMAL ENGINE

Title (de)

SCHAUFEL FÜR EINE ROTIERENDE THERMISCHE MASCHINE

Title (fr)

AUBE POUR MOTEUR THERMIQUE ROTATIF

Publication

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Application

EP 09724433 A 20090304

Priority

- EP 2009052533 W 20090304
- CH 4672008 A 20080328

Abstract (en)

[origin: WO2009118234A1] The invention relates to a blade (20) for a rotating thermal engine, in particular a guide vane for the low-pressure turbine of a gas turbine with sequential combustion. Said blade comprises a vane (22) that extends essentially in the radial direction and around which a working medium flows, and that is defined in the direction of flow by a front edge (27) and a rear edge (28). The competitive flow techniques and constructive requirements of the blade, in the event of a steep inclination of the flow, can be fulfilled as the vane (22) is formed such that the angle (a) that forms the flow lines (26) with the rear edge (28) of the vane (22) deviates at a right angle in a defined periphery.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009118234A1

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