

Title (en)

GUIDE VANE SEGMENT HAVING A SUPPORT PORTION RIB

Title (de)

LEITSCHAUFELSEGMENT MIT STÜTZABSCHNITTSRIPPE

Title (fr)

SEGMENT À AUBE DIRECTRICE COMPRENANT UNE NERVURE DE SECTION DE SOUTIEN

Publication

EP 3997310 A1 20220518 (DE)

Application

EP 20740180 A 20200608

Priority

- EP 19184841 A 20190708
- DE 2020000124 W 20200608

Abstract (en)

[origin: WO2021004562A1] The invention relates to a guide vane segment (40) for a gas turbine (10), in particular an aircraft gas turbine, comprising: at least one guide vane (46); a radially inner cover strip (44); and a radially outer cover strip (42), the at least one guide vane (46) extending between the inner cover strip (44) and the outer cover strip (42), and the inner cover strip (44) and/or the outer cover strip (42) having a support portion (48) running in the circumferential direction (UR), each support portion having an axial end face (52). Each support portion (48) on the inner cover strip (44) and/or on the outer cover strip (42) has at least one support portion rib (62) running in the radial direction (RR), which support portion rib is connected to the support portion (48), in particular is formed integrally therewith, and has a rib end face (64), which transitions into the end face (52) of the support portion (48).

IPC 8 full level

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CPC (source: EP US)

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