

Title (en)

STATOR VANE CARRIER AND PLURALITY OF STATOR VANES AND METHOD OF MOUNTING STATOR VANES TO THE STATOR VANE CARRIER

Title (de)

LEITSCHAUFELTRÄGER MIT MEHREREN LEITSCHAUFELN UND VERFAHREN ZUM MONTIEREN VON LEITSCHAUFELN AN EINEN LEITSCHAUFELTRÄGER

Title (fr)

STATOR ET UNE PLURALITE D'AUBES STATORIQUES ET PROCEDE DE FIXATION D'AUBES STATORIQUES DANS LE STATOR

Publication

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Application

EP 04797660 A 20041105

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Abstract (en)

[origin: EP1548232A1] The gas turbine, and especially compressor, has guide vane roots (27) retained on a ring-form guide vane carrier (18), with fastening means provided between the guide vane carrier and guide vane roots and the vane roots pressed into undercuts (24) in circumferential slots (21) in the vane carriers. The fastening means have at least one slot-form recess (26) in the base of the circumferential slot extending along its periphery, and in which fit ring-form pressed segments (30) which under a pretensioning press against the guide vane roots. Independent claims are also included for the following: (A) a gas turbine with a compressor with guide vane roots retained on a ring-form guide vane carrier; (B) a ring-form guide vane carrier for the fastening of guide vanes for especially a gas turbine; and (C) a method for the fitting of guide vanes on a ring-form guide vane carrier of a gas turbine compressor.

IPC 8 full level

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