

Title (en)

ROTOR BLADE ARRANGEMENT HAVING ELASTIC SUPPORT ELEMENTS FOR A THERMAL TURBOMACHINE

Title (de)

LAUFSCHAUFELANORDNUNG MIT ELASTISCHEN STÜTZELEMENTEN FÜR EINE THERMISCHE STRÖMUNGSMASCHINE

Title (fr)

ENSEMBLE D'AUBES MOBILES AVEC ÉLÉMENTS SUPPORTS ÉLASTIQUES POUR UNE TURBOMACHINE THERMIQUE

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Application

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Priority

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Abstract (en)

[origin: WO2017005592A1] The invention relates to a rotor blade arrangement (1) for a turbomachine having a blade carrier (9), on whose outer circumferential surface (3) there is formed a circumferential T-shaped slot (4), having a blade ring (5) which comprises a plurality of blades (6) and spacers (8), that are inserted in alternation into the T-shaped slot, and having support elements (9) that are braced between the blades and spacers on one hand and a base (10) of the T-shaped slot on the other hand such that the blades and spacers are pressed radially outward, a separate support element being assigned to each spacer and being releasably held thereon, in particular secured in a clamping manner. The invention also relates to a method for assembling a rotor blade arrangement (1) according to the invention.

IPC 8 full level

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Citation (search report)

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