

Title (en)

COVER DEVICE, INTEGRALLY BLADED MAIN ROTOR BODY, METHOD AND TURBOMACHINE

Title (de)

ABDECKEINRICHTUNG, INTEGRAL BESCHAUFELTER ROTORGRUNDKÖRPER, VERFAHREN UND STRÖMUNGSMASCHINE

Title (fr)

DISPOSITIF DE RECOUVREMENT, CORPS DE BASE DE ROTOR INTÉGRALEMENT À AUBAGE, PROCÉDÉ ET TURBOMACHINE

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Application

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Abstract (en)

[origin: WO2012149925A2] The invention relates to a cover device for an integrally bladed main rotor body of a turbomachine for preventing or reducing a cooling air flow from a high pressure side to a low pressure side through channels formed between adjacent rotor blades, wherein a plurality of cover elements are provided that can be inserted individually into the channels and have at least one peripheral sealing surface. The invention further relates to an integrally bladed main rotor body with such a cover device, to a method for producing such an integrally bladed main rotor body and to a turbomachine having such an integrally bladed main rotor body.

IPC 8 full level

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