

Title (en)
METHOD AND DEVICE FOR PRODUCING AN INTEGRALLY BLADED ROTOR AND ROTOR PRODUCED BY MEANS OF THE METHOD

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES INTEGRAL BESCHAUFELTEN ROTORS SOWIE MITTELS DES VERFAHRENS HERGESTELLTER ROTOR

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR FABRIQUER UN ROTOR À AUBAGE INTÉGRÉ ET ROTOR FABRIQUÉ PAR LEDIT PROCÉDÉ

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Abstract (en)
[origin: WO2011057621A1] The invention relates to a method for producing an integrally bladed rotor, in particular a gas turbine rotor, by means of joining, comprising the following steps: - providing a blade (10) having a joining surface; - providing a retaining device having two clamping jaws (28); - retaining the blade (10) at two opposite points of the blade (10) by means of the clamping jaws (28) in a purely force-closed manner; and - pressing the blade (10) retained in a force-closed manner onto a main rotor body so that the blade (10) independently orients itself in a joining position. The invention further relates to a device for producing an integrally bladed rotor, comprising a retaining device for a blade (10) having two clamping jaws (28), wherein the blade (10) is retained at two opposite points in a purely force-closed manner by pressing together the clamping jaws, and a device for pressing the blade (10) retained in a force-closed manner onto a main rotor body in such a way that the blade (10) independently orients itself in a joining position.

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