

Title (en)
METHOD FOR ASSEMBLING AND DISASSEMBLING A ROTOR HAVING A NUMBER OF ROTOR COMPONENTS OF AN AXIAL FLOW TURBOMACHINE AND SUCH A ROTOR

Title (de)
VERFAHREN ZUM ZUSAMMENSETZEN BZW. LÖSEN EINES EINE ANZAHL VON ROTORBAUTEILEN UMFASSENDEN ROTORS EINER AXIAL DURCHSTRÖMBAREN TURBOMASCHINE UND DERARTIGER ROTOR

Title (fr)
PROCÉDÉ PERMETTANT D'ASSEMBLER OU DE DÉASSEMBLER UN ROTOR COMPORTANT UNE PLURALITÉ D'ÉLÉMENTS DE ROTOR POUR UNE TURBOMACHINE À ÉCOULEMENT AXIAL ET ROTOR DE CE TYPE

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Abstract (en)
[origin: WO2014037521A1] Rotor for an axial flow turbomachine and double nut for connecting two tie-rod elements. The invention relates to a rotor (10) for an axial flow turbomachine, comprising a number of a plurality of disc-shaped (12) or drum-shaped (16) rotor components and at least one pin-shaped tie-rod (20) extending through the rotor components (14), wherein a counter-bearing (26, 28) is screwed onto each of the projecting ends of said tie-rod for axially bracing the rotor components (14) arranged therebetween. The aim of the invention is to provide a rotor (10) by which shorter service intervals can be achieved. In order to achieve said aim, the tie-rod (20) comprises at least two axially adjacent tie-rod elements (30, 32) which are each connected to one another in a detachable manner by a connecting means (34). Double nut (35) for connecting two tie-rod elements (30, 32).

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• US 2009067947 A1 20090312 - ICHIRYU TAKU [JP]

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