

Title (en)
ASSEMBLY DEVICE FOR ASSEMBLING AND DISASSEMBLING A ROTOR OF A TURBOMACHINE CONSISTING OF ROTOR DISKS

Title (de)
MONTAGEVORRICHTUNG ZUM ZUSAMMENSETZEN UND ZERLEGEN EINES SICH AUS ROTORSCHIEBEN ZUSAMMENSETZENDEN ROTORS EINER STRÖMUNGSMASCHINE

Title (fr)
DISPOSITIF DE MONTAGE POUR L'ASSEMBLAGE ET LE DÉMONTAGE D'UN ROTOR D'UNE TURBOMACHINE COMPOSÉ DE DISQUES DE ROTOR

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Abstract (en)
[origin: WO2008125506A1] The invention relates to a securing device (45) for securing a rotor (13) of a turbomachine against tilting, said rotor being arranged perpendicular in relation to a horizontal plane (47). Said securing device comprises at least one support surface (61) enabling the rotor (13), that is arranged perpendicular in relation to the horizontal plane (47), to be laterally supported in relation to said securing device (45). According to the invention, for threading and unthreading the rotor disks (19, 21) in a particularly secure manner on the tie rod (15) and to prevent contact between said rotor disks (19, 21) and the tie rod (15) when lowering and lifting the rotor disks (19, 21), said contact possibly damaging the components, the rotor (13) or the tie rod (15) being arranged in an essentially vertical manner, is oriented vertically such that during alignment, the support surfaces (61) on which the rotor (13) or the tie rod (15) support, are displaced such that rotor (13) is perpendicular in relation to the horizontal plane.

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