

Title (en)

TOOL FOR MOUNTING THE HIGH-PRESSURE SHAFT OF AN AIRCRAFT ENGINE

Title (de)

WERKZEUG ZUR HALTERUNG DER HOCHDRUCKWELLE EINES FLUGZEUGTRIEBWERKS

Title (fr)

OUTIL POUR MAINTENIR L'ARBRE HAUTE PRESSION D'UN MÉCANISME DE PROPULSION D'AVION

Publication

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Application

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Abstract (en)

[origin: WO2020239620A1] The invention relates to a tool (1) for mounting and axially fixing the high pressure shaft (80) of an aircraft engine in a disassembled high-pressure turbine stage and to the use thereof. The tool (1) comprises: - a shaft end cap element (2) with an inner radius which is adapted to a specified shaft diameter for plugging onto the turbine-side end (84) of the high-pressure shaft (80), - a shaft end cap receiving area (3) for radially moving and receiving the shaft end cap element (2) in an axially limited manner in a first direction, and - a prevention element (4) which can be secured to the shaft end cap receiving area (3) and comprises a shaft (5) that can be introduced into the high-pressure shaft, comprising a fixing element (6) for axially securing the shaft end cap receiving area (3), wherein a spring element (12) which is stationary relative to the shaft end cap receiving area (3) is provided for applying a specified spring force to the shaft end cap element (2) in the radial direction. The use according to the invention relates to the attachment of said tool to the high-pressure shaft (80) of an aircraft engine.

IPC 8 full level

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