

Title (en)
METHOD FOR ASSEMBLING A TURBOMACHINE, AND TURBOMACHINE

Title (de)
VERFAHREN ZUR MONTAGE EINER TURBOMASCHINE, TURBOMASCHINE

Title (fr)
PROCÉDÉ DE MONTAGE D'UNE TURBOMACHINE ET TURBOMACHINE

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Abstract (en)
[origin: WO2017080742A1] The invention relates to a method for assembling a turbomachine (TCO), wherein the turbomachine (TCO) has an outer case (OC), wherein the turbomachine (TCO) has an inner part (IP) for arranging in the outer case (OC), wherein the outer case (OC) has a parting joint (SP) extending along an axis (X), the outer case (OC) thus being divisible into an outer-case upper part (UP) and an outer-case lower part (LP), wherein the inner part (IP) comprises rotor parts (RE) for rotating about the axis (X) during operation and static components (SE), wherein the inner part (IP) has at least one seal (SL) extending in the circumferential direction for sealing a gap (GP) between the inner part (IP) and a sealing surface (SLS) of the outer case (OC), wherein the method comprises the following steps: a) providing the outer-case lower part (LP), b) inserting the inner part (IP) into the outer-case lower part (LP) in a first axial position (AX1), c) joining the outer-case lower part (LP) and the outer-case upper part (UP), d) axially moving the inner part (IP) in the outer case (OC) in relation to the outer case (OC) from the first axial position (AX1) into an axial end position (AX2) such that the seal (SL) comes in contact with the sealing surface (SLS). Problems regarding sealing and assembly are avoided by means of the method.

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