

Title (en)

TURBINE INSTALLATION WITH PUSHING ELEMENT AND PUSHING ELEMENT FOR A TURBINE INSTALLATION

Title (de)

TURBINENANLAGE MIT SCHUBELEMENT SOWIE SCHUBELEMENT

Title (fr)

INSTALLATION DE TURBINE A ELEMENT DE POUSSEE ET ELEMENT DE POUSSEE POUR INSTALLATION DE TURBINE

Publication

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Application

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Abstract (en)

[origin: WO9804810A1] A turbine installation (1), in particular a steam turbine installation, has at least two partial turbines (2, 3a, 3b, 3c) having each a turbine rotor (5) which extends along a main axis (4) and an inner housing (7, 8a, 8b, 8c) that receives the guide blades (6). At least one inner housing (8a, 8b, 8c) can be moved in the axial direction, and a thermally expanding pushing element (9) is provided to ensure its axial displacement. The pushing element (9) has a first expanding component (10a) and a second expanding component (10b) joined by a coupling component (11). The coupling component (11) moves by mechanical and/or hydraulic means the second expanding component (10b) in the axial direction over a distance which is larger than the thermal expansion and/or axial displacement of the first expanding component (10a). Also disclosed is a pushing element (9).

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