

Title (en)
TURBINE CASING COMPRISING A LOW-STRESS CONNECTION FLANGE, AND EXHAUST-GAS TURBINE HAVING SUCH A TURBINE CASING

Title (de)
TURBINENGEHÄUSE MIT EINEM SPANNUNGSARMEN VERBINDUNGSFLANSCH UND ABGASTURBINE MIT EINEM SOLCHEN TURBINENGEHÄUSE

Title (fr)
CARTER DE TURBINE COMPORTANT UNE BRIDE DE LIAISON À FAIBLE TENSION ET UNE TURBINE DE GAZ D'ÉCHAPPEMENT COMPORTANT UN TEL CARTER DE TURBINE

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Abstract (en)
[origin: WO2021008816A1] The invention relates to a turbine casing for an exhaust-gas turbine, which turbine casing has a connection flange for bearing-casing-side attachment to a bearing casing in which casing-connection holes that are mutually spaced in the circumferential direction are provided, wherein, between adjacent casing-connection holes, material recesses that are open radially inwards towards a central longitudinal axis of the turbine casing are provided in the connection flange. The invention further relates to an exhaust-gas turbine which is equipped with such a turbine casing.

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