

Title (en)
TURBINE SHROUD ASSEMBLY AND CORRESPONDING TURBINE

Title (de)
TURBINENDECKBANDANORDUNG UND ZUGEHÖRIGE TURBINE

Title (fr)
ENSEMBLE D'ANNEAU DE TURBINE ET TURBINE ASSOCIÉE

Publication
EP 3390783 A1 20181024 (FR)

Application
EP 16825493 A 20161214

Priority
• FR 1562741 A 20151218
• FR 2016053395 W 20161214

Abstract (en)
[origin: WO2017103451A1] A plurality of CMC ring sectors forms a turbine ring. A support structure (3) comprises two annular flanges (32; 36). Each ring sector has an outer face with two tabs (14; 16) held between the annular flanges (32; 36) of the support structure. Each tab comprises a projecting portion (140; 160) facing a flange cooperating with a housing (320; 360) present on the flange, and an opening (15; 17) in which there is accommodated, with a clearance, a holding element (40a; 40b) that has a higher thermal expansion coefficient than the CMC and is secured to the flange. The housing has two portions (360a; 360b) abutting on the projecting portion and inclined relative to the radial direction (DA) and the axial direction (RA).

IPC 8 full level
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Citation (search report)
See references of WO 2017103451A1

Cited by
FR3093344A1; US11591924B2; WO2020178490A1

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