

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 B1 20191002 (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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CPC (source: EP US)  
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Citation (examination)  
• WO 2016146942 A1 20160922 - HERAKLES [FR], et al  
• WO 2016189223 A1 20161201 - HERAKLES [FR], et al

Cited by  
FR3093344A1; US11591924B2; WO2020178490A1

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DOCDB simple family (publication)  
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