

Title (en)
TURBINE RING ASSEMBLY WITH AXIAL RETENTION

Title (de)
TURBINENRINGANORDNUNG MIT AXIALER ARRETIERUNG

Title (fr)
ENSEMBLE D'ANNEAU DE TURBINE AVEC MAINTIEN AXIAL

Publication
EP 3298244 B1 20201111 (FR)

Application
EP 16726365 A 20160512

Priority
• FR 1554604 A 20150522
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Abstract (en)
[origin: WO2016189215A1] A turbine ring assembly comprises a plurality of ring sectors (10) made from a ceramic matrix composite material forming a turbine ring (1) and a ring support structure (3) comprising two annular flanges (32, 36), each ring sector (10) having two lugs (14, 15) held respectively between the two annular flanges (32, 36) of the ring support structure (3). The two annular flanges (32, 36) of the ring support structure (3) apply stress to the lugs (14, 16) of the ring sectors (10). One (36) of the flanges of the ring support structure (3) is elastically deformable in the axial direction (DA) of the turbine ring (1). The turbine ring assembly further comprises a plurality of stops (40; 41) engaged both in the annular flanges (32; 36) of the ring support structure (3) and the lugs (14; 16) of the ring sectors (10) facing the annular flanges (32; 36).

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