

Title (en)

TURBINE RING ASSEMBLY SUPPORTED BY FLANGES

Title (de)

DURCH FLANSCHEN GESTÜTZTE TURBINENRINGANORDNUNG

Title (fr)

ENSEMBLE D'ANNEAU DE TURBINE AVEC MAINTIEN PAR BRIDES

Publication

**EP 3298247 B1 20231025 (FR)**

Application

**EP 16729311 A 20160519**

Priority

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Abstract (en)

[origin: CA2986663A1] The invention relates to a turbine ring assembly which comprises a plurality of ring sectors (10) made of a composite material with a ceramic matrix forming a turbine ring (1) and a ring-supporting structure (3) including two flanges (32, 36). The ring sectors comprise two tabs (14, 16) which extend between the two annular flanges of the ring-supporting structure and each includes an annular groove (140, 160) into which an annular projection (34, 38) on each of the flanges of the ring-supporting structure is inserted. A resilient element (60; 70) is intercalated between the upper wall of the projection and the upper wall of the corresponding groove or between the lower wall of the projection and the lower wall of the corresponding groove.

IPC 8 full level

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CPC (source: EP RU US)

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