

Title (en)

Assembly of an annular combustion chamber for a turbine

Title (de)

Ringförmige Brennkammer für eine Turbine

Title (fr)

Assemblage d'une chambre de combustion annulaire de turbomachine

Publication

EP 1734305 A3 20130501 (FR)

Application

EP 06114424 A 20060523

Priority

FR 0505999 A 20050614

Abstract (en)

[origin: EP1734305A2] The chamber has external and internal axial walls connected to a chamber dome (30) having a thermal expansion coefficient different from that of the axial walls. The dome is connected to internal and external fixing flanges (34). Fixation systems (36) fix the flanges (34) on the walls, respectively. Each fixation system has a sliding bush disposed between a nut (46) and the ends of the walls. A radial gap is provided between the nut and the ends of the walls. The flange (34) has a washer (52) crossed by a clamping bolt (40) and a bush, where the washer and bush are made of metallic materials.

IPC 8 full level

F23R 3/00 (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)

F23R 3/007 (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US)

Citation (search report)

- [A] EP 1431665 A2 20040623 - GEN ELECTRIC [US]
- [A] EP 1265033 A1 20021211 - SNECMA MOTEURS [FR]
- [A] EP 1265031 A1 20021211 - SNECMA MOTEURS [FR]
- [AD] EP 1479975 A1 20041124 - SNECMA MOTEURS [FR]

Cited by

EP3056665A1; US10480321B2; US11193375B2; EP3211311B1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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