

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 B1 20140702 (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)

Cited by

EP3056665A1; US10480321B2; US11193375B2; EP3211311B1

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