

Title (en)

Fixing of metallic cowls on turbomachine combustion chamber liners made of CMC materials

Title (de)

Befestigung von metallischen Aufsätzen auf CMC-Turbomaschinenbrennkammerwänden

Title (fr)

Fixation de casquettes métalliques sur des parois de chambre de combustion CMC de turbomachine

Publication

**EP 1265031 A1 20021211 (FR)**

Application

**EP 02291360 A 20020604**

Priority

FR 0107374 A 20010606

Abstract (en)

The combustion chamber for an aircraft gas turbine engine has inner (28) and outer (26) composite walls and a metal base (30) held in position by the walls. The base fixings extend across annular cavities (42,44) which receive the cylindrical sections of the ends of the walls. This defines a play between the peripheral edges of the base and the returned sections (46,48) and the opposing surfaces of the walls. This allows a radial expansion of the chamber base with respect to the walls.

IPC 1-7

**F23R 3/60**; **F23R 3/00**

IPC 8 full level

**F02C 7/00** (2006.01); **F02C 7/20** (2006.01); **F23R 3/00** (2006.01); **F23R 3/42** (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); **F23D 2211/00** (2013.01 - EP US)

Citation (search report)

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