

Title (en)

Ceramic matrix composite material gas turbine combustion chamber

Title (de)

Gasturbinenbrennkammer aus Verbundwerkstoff mit keramischer Matrix

Title (fr)

Architecture de chambre de combustion de turbomachine en matériau à matrice céramique

Publication

**EP 1265032 A1 20021211 (FR)**

Application

**EP 02291361 A 20020604**

Priority

FR 0107360 A 20010606

Abstract (en)

The gas turbine engine combustion chamber has an annular metal casing (12,14), a fuel injector assembly and a composite combustion chamber (24). There is a metallic distributor (42) forming an inlet stage with fixed vanes (44) for a high pressure turbine and attached by movable fixings (50). The combustion chamber is mounted floatingly in the casing and held in position with respect to the distributor by movable fixings (52,58,60).

IPC 1-7

**F23R 3/60**; **F23R 3/50**; **F23R 3/00**

IPC 8 full level

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CPC (source: EP US)

**F23R 3/007** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US); **F23M 2900/05002** (2013.01 - EP US)

Citation (search report)

- [A] US 3965066 A 19760622 - STERMAN ALBERT P, et al
- [A] US 5291732 A 19940308 - HALILA ELY E [US]
- [AP] EP 1152191 A2 20011107 - GEN ELECTRIC [US]

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Designated contracting state (EPC)

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