

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 B1 20041006 (FR)**

Application

**EP 02291361 A 20020604**

Priority

FR 0107360 A 20010606

Abstract (en)

[origin: EP1265032A1] 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)

Cited by

EP1719949A3; EP1431664A3; EP1903283A1; FR2906350A1; EP1795712A3; US7971439B2; US8122727B2

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**EP 1265032 A1 20021211**; **EP 1265032 B1 20041006**; DE 60201467 D1 20041111; DE 60201467 T2 20060309; FR 2825780 A1 20021213; FR 2825780 B1 20030829; JP 2003035104 A 20030207; JP 3983603 B2 20070926; US 2002184891 A1 20021212; US 6679062 B2 20040120

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