

Title (en)

Combustion chamber with shroud for a gas turbine engine

Title (de)

Brennkammer mit Verkleidung für eine Gasturbine

Title (fr)

Chambre de combustion de moteur à turbine à gaz avec carénage

Publication

EP 1767858 A1 20070328 (FR)

Application

EP 06121135 A 20060922

Priority

FR 0552847 A 20050923

Abstract (en)

The combustion chamber, comprising outer (31) and inner (32) annular walls and a gas flow separating fairing with an annular wall (21) having rear (22) and forward (24) sections, has the forward section extended rearwards to provide an additional fixing to the combustion chamber's outer wall. The rear section (22) of the fairing wall is fixed to the combustion chamber wall outer surface and the rearward extension on the forward section is fixed to an inner surface flange (34).

IPC 8 full level

F23R 3/50 (2006.01); **F23R 3/00** (2006.01); **F23R 3/04** (2006.01); **F23R 3/60** (2006.01)

CPC (source: EP US)

F23R 3/002 (2013.01 - EP US); **F23R 3/04** (2013.01 - EP US); **F23R 3/50** (2013.01 - EP US); **F23R 3/60** (2013.01 - EP US);
F23R 2900/00014 (2013.01 - EP US)

Citation (search report)

- [X] EP 1265031 A1 20021211 - SNECMA MOTEURS [FR]
- [A] EP 1398571 A2 20040317 - GEN ELECTRIC [US]
- [A] EP 0564171 A1 19931006 - GEN ELECTRIC [US]
- [A] EP 1251312 A2 20021023 - GEN ELECTRIC [US]

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1767858 A1 20070328; **EP 1767858 B1 20170726**; FR 2891351 A1 20070330; FR 2891351 B1 20071207; RU 2006133868 A 20080327;
RU 2382946 C2 20100227; US 2007074520 A1 20070405; US 7617688 B2 20091117

DOCDB simple family (application)

EP 06121135 A 20060922; FR 0552847 A 20050923; RU 2006133868 A 20060922; US 46969306 A 20060901