

Title (en)

Gas turbine combustor chamber of annular dome section

Title (de)

Brennkammer einer Gasturbine mit einem ringförmigen Kopfabschnitt

Title (fr)

Chambre de combustion de turbine à gaz avec section de dôme annulaire

Publication

**EP 0837286 A3 20000705 (DE)**

Application

**EP 97114340 A 19970820**

Priority

DE 19643028 A 19961018

Abstract (en)

[origin: EP0837286A2] The combustion chamber has an annular head section (1), inside which is a front plate (2) for a number of burners, which are supplied with a primary air stream by a ring of air entry apertures (10) in the head sector. The front plate carries heat shields (6) in the combustion chamber, which are fixed by screws (11). There are assembly apertures in the head section for the screws. These apertures are arranged within the outer edge of the ring of air entry apertures. There may be a ring of stagnation points on the outside of the head sector, outside the air entry apertures.

IPC 1-7

**F23R 3/28**; **F23R 3/10**

IPC 8 full level

**F23R 3/00** (2006.01); **F23R 3/10** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

**F23R 3/002** (2013.01 - EP US); **F23R 3/10** (2013.01 - EP US)

Citation (search report)

- [X] WO 9604510 A1 19960215 - BMW ROLLS ROYCE GMBH [DE], et al
- [X] WO 9627765 A1 19960912 - BMW ROLLS ROYCE GMBH [DE], et al
- [E] US 5941076 A 19990824 - SANDELIS DENIS [FR]

Cited by

EP2966352A1; FR3026827A1; US7748221B2; US7681398B2; US7721548B2; US10012390B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0837286 A2 19980422**; **EP 0837286 A3 20000705**; **EP 0837286 B1 20021002**; CA 2218520 A1 19980418; CA 2218520 C 20070313; DE 19643028 A1 19980423; DE 59708367 D1 20021107; US 5934066 A 19990810

DOCDB simple family (application)

**EP 97114340 A 19970820**; CA 2218520 A 19971016; DE 19643028 A 19961018; DE 59708367 T 19970820; US 94805697 A 19971009