

Title (en)

Variable geometry gas turbine combustor chamber

Title (de)

Brennkammer einer Gasturbine mit verstellbarer Geometrie

Title (fr)

Chambre de combustion de turbine à gaz à géométrie variable

Publication

**EP 0964206 B1 20041208 (FR)**

Application

**EP 99401204 A 19990518**

Priority

FR 9807409 A 19980611

Abstract (en)

[origin: EP0964206A1] The combustion chamber has pilot (11) and main (12) combustion zones with separate injectors (3,7;4,8) for fuel and oxidant, the assembly being held under pressure (P1) inside a housing (14). The system incorporates a regulating mechanism for the main oxidant flow which reacts to the pressure difference between the internal pressure (P1) and the atmospheric pressure outside the housing.

IPC 1-7

**F23R 3/26**; **F23R 3/34**

IPC 8 full level

**F23R 3/26** (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP US)

**F23R 3/26** (2013.01 - EP US); **F23R 3/346** (2013.01 - EP US)

Cited by

EP1777459A3; US8915086B2; US11242992B2

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**EP 0964206 A1 19991215**; **EP 0964206 B1 20041208**; DE 69922437 D1 20050113; DE 69922437 T2 20051208; FR 2779807 A1 19991217; FR 2779807 B1 20000713; JP 2000009319 A 20000114; JP 4435331 B2 20100317; US 6263663 B1 20010724

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