

Title (en)

Fuel distribution system for the injection heads of a double annular combustor

Title (de)

Brennstoffverteilungssystem für die Einspritzköpfe einer Doppelringbrennkammer

Title (fr)

Système d'injection d'une chambre de combustion à deux têtes

Publication

**EP 0718559 B1 20000105 (FR)**

Application

**EP 95402625 A 19951122**

Priority

FR 9414013 A 19941123

Abstract (en)

[origin: EP0718559A1] The combustion chamber includes a pilot combustion head (26) with a series of low-speed injectors (23), and an auxiliary combustion head (25) with a further series of injectors spaced radially from the pilot head. A fuel supply circuit (28) delivers fuel to the pilot injectors. The auxiliary injectors are supplied with fuel by a first circuit (42) and by a second circuit (43). At low load levels the second circuit delivers fuel direct to the combustion chamber. At low load levels the fuel/air mixture in the main region of the combustion chamber is at least 80 per cent of the stoichiometric rate.

IPC 1-7

**F23R 3/34**

IPC 8 full level

**F23R 3/34** (2006.01)

CPC (source: EP US)

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**FR 2727192 A1 19960524; FR 2727192 B1 19961220**; DE 69514320 D1 20000210; DE 69514320 T2 20000824; EP 0718559 A1 19960626; EP 0718559 B1 20000105; US 5634328 A 19970603

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