

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)  
**F23R 3/34** (2013.01 - EP US)

Cited by  
DE10032471A1; US7003939B1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**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

DOCDB simple family (application)  
**FR 9414013 A 19941123**; DE 69514320 T 19951122; EP 95402625 A 19951122; US 56133595 A 19951121