

Title (en)  
Combustor

Title (de)  
Brennkammer

Title (fr)  
Brûleur

Publication  
**EP 0718558 B1 20010418 (DE)**

Application  
**EP 95810761 A 19951205**

Priority  
DE 4446611 A 19941224

Abstract (en)  
[origin: EP0718558A2] The combustion chamber is in the form of an annular combustion chamber (1) in which the turbulent flow generator (200) has three free surfaces subject to flow. One surface is the roof surface (210) and the other two are side surfaces (211, 213). The side surfaces are joined to the same wall segment of the feed flow channel (5) and together enclose an acute angle (alpha). The roof surface lies against the same wall segment with an edge (215) running transversely to the flow channel.

IPC 1-7  
**F23R 3/12**; **F23R 3/28**

IPC 8 full level  
**F23C 9/08** (2006.01); **F23D 23/00** (2006.01); **F23M 9/02** (2006.01); **F23R 3/02** (2006.01); **F23R 3/12** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)  
**F23D 23/00** (2013.01 - EP US); **F23M 9/02** (2013.01 - EP US); **F23R 3/02** (2013.01 - EP US); **F23R 3/12** (2013.01 - EP US); **F23R 2900/03341** (2013.01 - EP US)

Citation (examination)  
• EP 0620362 A1 19941019 - ABB MANAGEMENT AG [CH]  
• EP 0620403 A1 19941019 - ABB MANAGEMENT AG [CH]

Cited by  
EP1400752A1; EP2112433A1; US9568198B2; US8424310B2; US10072532B2; WO2013139914A1

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0718558 A2 19960626**; **EP 0718558 A3 19970423**; **EP 0718558 B1 20010418**; CN 1076786 C 20011226; CN 1130718 A 19960911; DE 4446611 A1 19960627; DE 59509206 D1 20010523; JP 3977454 B2 20070919; JP H08226647 A 19960903; US 5609030 A 19970311

DOCDB simple family (application)  
**EP 95810761 A 19951205**; CN 95119890 A 19951219; DE 4446611 A 19941224; DE 59509206 T 19951205; JP 33185195 A 19951220; US 55277695 A 19951103