

Title (en)
Combustor

Title (de)
Brennkammer

Title (fr)
Brûleur

Publication
EP 0718561 A3 19970423 (DE)

Application
EP 95810763 A 19951205

Priority
DE 4446541 A 19941224

Abstract (en)
[origin: EP0718561A2] The combustion chamber has a first stage (1) with a burner (100) to produce a hot gas (4). Downstream of the burner are arranged turbulent flow generators (200-202). Downstream of the turbulent flow generators a gaseous and/or liquid fuel (9) can be injected into the main flow. The second stage (2) in the flow direction has a cross sectional step widening (12) which indicates the initial flow cross section of the second stage.

IPC 1-7
F23R 3/34; **F23R 3/12**

IPC 8 full level
F02C 3/14 (2006.01); **F23C 6/04** (2006.01); **F23C 99/00** (2006.01); **F23M 9/00** (2006.01); **F23R 3/12** (2006.01); **F23R 3/28** (2006.01); **F23R 3/34** (2006.01); **F23R 3/42** (2006.01)

CPC (source: EP KR)
F23C 6/047 (2013.01 - EP); **F23M 9/00** (2013.01 - EP); **F23R 3/12** (2013.01 - EP KR); **F23R 3/34** (2013.01 - EP); **F23R 3/42** (2013.01 - KR); **F23C 2900/07002** (2013.01 - EP); **F23R 2900/03341** (2013.01 - EP)

Citation (search report)

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DE FR GB IT

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EP 95810763 A 19951205; CA 2164482 A 19951205; CN 95121139 A 19951222; DE 4446541 A 19941224; DE 59509091 T 19951205; JP 33185995 A 19951220; KR 19950055589 A 19951223