Title (en)

Combustor

Title (de)

Brennkammer

Title (fr)

Brûleur

Publication

EP 0718561 B1 20010314 (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 (examination)

- EP 0620362 A1 19941019 - ABB MANAGEMENT AG [CH]
- EP 0694740 A2 19960131 - ABB RESEARCH LTD [CH]

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DE FR GB IT

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