

Title (en)
COMBUSTION CHAMBER ASSEMBLY

Title (de)
BRENNKAMMERANORDNUNG

Title (fr)
ENSEMBLE CHAMBRE DE COMBUSTION

Publication
EP 1073864 A1 20010207 (DE)

Application
EP 99927681 A 19990419

Priority
• DE 9901169 W 19990419
• DE 19818082 A 19980423

Abstract (en)
[origin: WO9956060A1] The invention relates to a combustion chamber assembly (1), especially an annular combustion chamber assembly for a gas turbine. One or more burners (3) comprise(s) a deflection means (17) on the opening (13) thereof. A combustion gas stream (14) flowing into the combustion chamber assembly (1) is deflected by said deflection means. As a result, an acoustic detuning is achieved, whereby the formation of combustion oscillation is suppressed.

IPC 1-7
F23C 5/08; **F23C 3/00**; **F23M 13/00**; **F23D 14/48**

IPC 8 full level
F23C 3/00 (2006.01); **F23C 5/08** (2006.01); **F23D 14/48** (2006.01); **F23M 13/00** (2006.01); **F23M 20/00** (2014.01); **F23M 99/00** (2010.01); **F23R 3/16** (2006.01); **F23R 3/28** (2006.01); **F23R 3/50** (2006.01)

CPC (source: EP US)
F23C 3/002 (2013.01 - EP US); **F23D 14/48** (2013.01 - EP US); **F23M 20/005** (2015.01 - EP US); **F23R 3/50** (2013.01 - EP US)

Citation (search report)
See references of WO 9956060A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
WO 9956060 A1 19991104; DE 59901946 D1 20020808; EP 1073864 A1 20010207; EP 1073864 B1 20020703; JP 2002513130 A 20020508; US 6568190 B1 20030527

DOCDB simple family (application)
DE 9901169 W 19990419; DE 59901946 T 19990419; EP 99927681 A 19990419; JP 2000546178 A 19990419; US 67388301 A 20010427