

Title (en)
Gas turbine engine combustor

Title (de)
Gasturbinenbrennkammer

Title (fr)
Chambre de combustion pour une turbine à gaz

Publication
EP 0841520 B1 20030312 (EN)

Application
EP 97308248 A 19971017

Priority
GB 9623195 A 19961107

Abstract (en)
[origin: EP0841520A2] A combustor for a gas turbine engine has a fuel nozzle located in the upstream end thereof and is positioned within a cylinder coaxial with said nozzle. The cylinder comprises at its downstream end an annular flange extending from the cylinder in a generally radial direction. The flange has a plurality of cooling air apertures radially extending therethrough so as to direct cooling air along the face of an adjacent heatshield. <IMAGE>

IPC 1-7
F23R 3/10

IPC 8 full level
F23R 3/10 (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP)
F23R 3/10 (2013.01); **F23R 3/283** (2013.01); **F23D 2214/00** (2013.01)

Cited by
DE10048864A1; EP1510760A1; FR3033028A1; CN107257904A; RU2704440C2; US10704517B2; US6679063B2; US6923002B2; WO2016135409A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0841520 A2 19980513; **EP 0841520 A3 19991103**; **EP 0841520 B1 20030312**; DE 69719671 D1 20030417; DE 69719671 T2 20030814; GB 9623195 D0 19970108

DOCDB simple family (application)
EP 97308248 A 19971017; DE 69719671 T 19971017; GB 9623195 A 19961107