

Title (en)
A COMBUSTION DEVICE

Title (de)
VERBRENNUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMBUSTION

Publication
EP 1581770 A2 20051005 (EN)

Application
EP 03786149 A 20031222

Priority
• GB 0305624 W 20031222
• GB 0230070 A 20021223

Abstract (en)
[origin: WO2004057236A2] A combustor (1) has a swirler (22). The swirler has mixing channels (40), the mixing channels having a height/width aspect ratio of less than (2). A secondary fuel inlet (32) is located downstream of mixing channel (40) and may be in a zone (65) of separated flow. Primary fuel admission may be through a threaded or push fit circular movable plug (100). The plug (100) may be conveniently removed for calibration purposes and may have a bell-mouthed entrance.

IPC 1-7
F23R 3/28

IPC 8 full level
F23R 3/28 (2006.01)

CPC (source: EP US)
F23R 3/286 (2013.01 - EP US); **F23D 2900/14021** (2013.01 - EP US); **F23D 2900/14701** (2013.01 - EP US)

Citation (search report)
See references of WO 2004057236A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004057236 A2 20040708; WO 2004057236 A3 20040812; WO 2004057236 A8 20050915; AU 2003295148 A1 20040714;
AU 2003295148 A8 20040714; EP 1581770 A2 20051005; GB 0230070 D0 20030129; US 2006257807 A1 20061116

DOCDB simple family (application)
GB 0305624 W 20031222; AU 2003295148 A 20031222; EP 03786149 A 20031222; GB 0230070 A 20021223; US 54037203 A 20031222