

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  
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• 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

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