

Title (en)  
Gas turbine burner

Title (de)  
Gasturbinenbrenner

Title (fr)  
Brûleur d'une turbine à gaz

Publication  
**EP 1534997 A2 20050601 (DE)**

Application  
**EP 03794901 A 20030820**

Priority  
• EP 03794901 A 20030820  
• EP 0309222 W 20030820  
• EP 02019530 A 20020902

Abstract (en)  
[origin: EP1394471A1] At least one fuel (7) is conveyed to the burner (1) and which flows in one flow direction (88). The fuel has a concentration distribution (58) on a plane at right angles to the direction of flow. The distribution of concentration is not constant (52) in order to avoid unstable combustion.

IPC 1-7  
**F23R 3/28**; **F23R 3/14**; **F23D 14/02**

IPC 8 full level  
**F23D 14/02** (2006.01); **F23R 3/14** (2006.01); **F23R 3/28** (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP US)  
**F23R 3/14** (2013.01 - EP US); **F23R 3/286** (2013.01 - EP US); **F23R 3/343** (2013.01 - EP US); **F23R 2900/00014** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004025183A2

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

DOCDB simple family (publication)  
**EP 1394471 A1 20040303**; CN 100432531 C 20081112; CN 1678871 A 20051005; EP 1534997 A2 20050601; EP 1534997 B1 20150729; ES 2550096 T3 20151104; JP 2006507466 A 20060302; JP 2008256357 A 20081023; JP 4369370 B2 20091118; JP 4841587 B2 20111221; US 2006035188 A1 20060216; US 7753677 B2 20100713; WO 2004025183 A2 20040325; WO 2004025183 A3 20050120

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