

Title (en)
Gas turbine burner

Title (de)
Gasturbinenbrenner

Title (fr)
Brûleur d'une turbine à gaz

Publication
EP 1534997 B1 20150729 (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 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)

Designated contracting state (EPC)
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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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EP 02019530 A 20020902; CN 03820722 A 20030820; EP 0309222 W 20030820; EP 03794901 A 20030820; ES 03794901 T 20030820; JP 2004535115 A 20030820; JP 2008148371 A 20080605; US 52577905 A 20050930