

Title (en)
Gas turbine

Title (de)
Gasturbine

Title (fr)
Turbine à gaz

Publication
EP 2615252 A1 20130717 (EN)

Application
EP 13150408 A 20130107

Priority
US 201213349299 A 20120112

Abstract (en)
A gas turbine is provided, including a turbine, an exhaust diffuser (26), and a plasma actuator (60). The turbine releases an exhaust gas. The exhaust diffuser (26) receives the exhaust gas from the turbine (24). The exhaust diffuser has an inlet (40) and an outlet (42), and at least one wall (48,52) that is disposed between the inlet (40) and the outlet (42). The plasma actuator (60) produces a plasma along the at least one wall (48,50) of the diffuser (24).

IPC 8 full level
F01D 9/04 (2006.01); **F01D 9/06** (2006.01); **F01D 25/16** (2006.01)

CPC (source: EP US)
F01D 9/041 (2013.01 - EP US); **F01D 9/065** (2013.01 - EP US); **F01D 25/162** (2013.01 - EP US); **F05D 2270/172** (2013.01 - EP US)

Citation (search report)
• [XYI] EP 1918520 A2 20080507 - GEN ELECTRIC [US]
• [Y] EP 1914385 A2 20080423 - GEN ELECTRIC [US]

Cited by
WO2016167769A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2615252 A1 20130717; CN 103206272 A 20130717; CN 103206272 B 20170301; JP 2013142403 A 20130722; JP 6291163 B2 20180314; RU 2013101047 A 20140720; US 2013180245 A1 20130718

DOCDB simple family (application)
EP 13150408 A 20130107; CN 201310010097 A 20130111; JP 2013001448 A 20130109; RU 2013101047 A 20130111; US 201213349299 A 20120112