

Title (en)

Fuel Nozzle

Title (de)

Brennstoffdüse

Title (fr)

Buse de combustible

Publication

EP 2618052 A1 20130724 (EN)

Application

EP 13152025 A 20130121

Priority

US 201213355580 A 20120123

Abstract (en)

The present invention provides a fuel nozzle (100) for mixing a flow of fuel and a flow of air. The fuel nozzle (100) may include a downstream face (120), a number of fuel passages (140) positioned about the downstream face (120) for the flow of fuel, and a nozzle collar (160) positioned about the downstream face (120). The nozzle collar (160) may include a number of air vanes (170) for the flow of air and one or more purge holes (200) therethrough.

IPC 8 full level

F23D 11/38 (2006.01); **F23R 3/14** (2006.01); **F23R 3/28** (2006.01)

CPC (source: EP US)

F23D 11/383 (2013.01 - EP US); **F23D 11/386** (2013.01 - EP US); **F23R 3/14** (2013.01 - EP US); **F23R 3/28** (2013.01 - EP US)

Citation (search report)

- [X] EP 1243854 A1 20020925 - ALSTOM SWITZERLAND LTD [CH]
- [X] US 6311496 B1 20011106 - ALKABIE HISHAM SALMAN [GB]
- [I] US 2008000234 A1 20080103 - COMMARET PATRICE ANDRE [FR], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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US 2013189632 A1 20130725

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EP 13152025 A 20130121; CN 201310023199 A 20130122; JP 2013005861 A 20130117; RU 2013102632 A 20130122;
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