

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)

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)

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US 2013189632 A1 20130725

DOCDB simple family (application)

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