

Title (en)

Burner of a gas turbine and method for mixing a fuel with a gaseous flow

Title (de)

Brenner einer Gasturbine und Verfahren zum Mischen eines Kraftstoffs mit einem gasförmigen Strom

Title (fr)

Brûleur de turbine à gaz et procédé pour mélanger un carburant avec un flux gazeux

Publication

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Application

EP 09151189 A 20090123

Priority

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Abstract (en)

The burner (1) of a gas turbine has a duct (2) that comprises at least a vortex generator (3) and downstream of it a plurality of nozzles (5) for injecting a fuel within the duct (2). The nozzles (5) are arranged along the wall of the duct (2) and are arranged for injecting fuel toward the inner of the duct (2). The present invention also relates to a method for mixing a fuel with a gaseous flow in such a burner.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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