

Title (en)

Fuel injector with protection means and gas turbine engine with such a fuel injector

Title (de)

Kraftstoffinjektor mit Schutzvorrichtungen und Strahltriebwerk mit einem derartigen Kraftstoffinjektor

Title (fr)

Dispositif d'injection de carburant avec des moyens de protection et et turboréacteur comprenant un tel dispositif d'injection

Publication

**EP 1619441 A1 20060125 (FR)**

Application

**EP 05105976 A 20050630**

Priority

FR 0408059 A 20040721

Abstract (en)

The engine has a gas flow reheating duct with an afterburner flame holder arm (8) having an open enclosure. The enclosure has a wall (8') within which a fuel injecting tube (8b), injecting a fuel (10) in a direction, is extended. The arm has a radial cooling jacket (8a) in a side of the wall forming a U shaped section, and a protection foil (8d) interposed between the tube (8b) and the wall, in the direction of fuel injection.

IPC 8 full level

**F23R 3/20** (2006.01)

CPC (source: EP US)

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Citation (search report)

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