

Title (en)

MULTIPOINT INJECTION DEVICE FOR A COMBUSTION CHAMBER OF A TURBINE ENGINE

Title (de)

MEHRPUNKT-EINSPRITZVORRICHTUNG FÜR EINE BRENNKAMMER EINES TURBINENMOTORS

Title (fr)

DISPOSITIF D'INJECTION MULTI-POINT POUR UNE CHAMBRE DE COMBUSTION DE TURBOMACHINE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011045503A1] The invention relates to a fuel injection device for an annular combustion chamber of a turbine engine, said fuel injection device including: a pilot circuit feeding an injector; multipoint circuit feeding injection openings (80), formed in a frontal surface (72) of an annular crown (74), said crown being mounted in an annular chamber (78); and a means for heat-insulating said frontal surface (72), said heat insulation means including an annular cavity (70) formed around injection openings between the front surface (72) of the annular crown and a frontal wall (76) of the annular chamber (78), said annular cavity being intended to be operationally filled with air or cokefied fuel.

IPC 8 full level

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