

Title (en)

METHOD FOR THE COMBUSTION OF A FLUID FUEL, AND BURNER, ESPECIALLY OF A GAS TURBINE, FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR VERBRENNUNG EINES FLUIDISCHEN BRENNSTOFFS SOWIE BRENNER, INSBESONDERE FÜR EINE GASTURBINE, ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE COMBUSTION D'UN COMBUSTIBLE FLUIDE, ET BRULEUR, EN PARTICULIER DE TURBINE A GAZ, SERVANT A LA MISE EN OEUVRE DUDIT PROCEDE

Publication

EP 1654497 A1 20060510 (DE)

Application

EP 04763827 A 20040805

Priority

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- EP 03018417 A 20030813
- EP 04763827 A 20040805

Abstract (en)

[origin: EP1510761A1] The liquid fuel combustion process is for a liquid fuel (B), which is put into a catalytic reaction, after which the catalytically pre-reacted fuel is further burned in a subsequent reaction. A swirl component is added to the pre-reacted fuel. For the subsequent reaction, it is taken into a combustion chamber (27), forming a rotary flow.

IPC 1-7

F23R 3/40; **F23R 3/12**; **F23C 99/00**

IPC 8 full level

F23C 13/00 (2006.01); **F23C 13/08** (2006.01); **F23R 3/12** (2006.01); **F23R 3/40** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2005019734A1

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