

Title (en)

FLUID INJECTION IN A GAS TURBINE DURING A COOLING DOWN PERIOD

Title (de)

FLÜSSIGKEITSEINSPRITZUNG IN EINER GASTURBINE WÄHREND EINER ABKÜHLPHASE

Title (fr)

INJECTION DE FLUIDE DANS UNE TURBINE LORS D'UNE PÉRIODE DE REFROIDISSEMENT

Publication

EP 1784557 A1 20070516 (DE)

Application

EP 05777877 A 20050812

Priority

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Abstract (en)

[origin: EP1630356A1] The method involves driving a rotor intermittently, during a cooling phase at a reduced nominal rotation speed. A liquid e.g. distilled water, is brought into an air stream, which is flowed through a circular flow channel of a gas turbine, where the turbine exhibits a compressor, turbine unit and an annular combustion chamber. Blade profiles of guide vanes and rotor blades extend radially in the circular flow channel.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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