

Title (en)

Control method for controlling the supply of fuel to a gas turbine plant and gas turbine plant

Title (de)

Verfahren zur Regelung der Brennstoffzufuhr zu einer Gasturbine and Gasturbine

Title (fr)

Procédé pour réguler l'alimentation en combustible d'une turbine à gaz et turbine à gaz

Publication

EP 2527737 A3 20130529 (EN)

Application

EP 12169656 A 20120525

Priority

IT MI20110945 A 20110525

Abstract (en)

[origin: EP2527737A2] A control method for controlling the supply of fuel to a gas turbine plant (1) provided with a gas turbine (6) and a combustion chamber (4) supplied with a fuel/oxidizer mixture, includes the steps of: - at the exhaust (12) of the gas turbine (6), detecting at least a first parameter related to the unburned fuel concentration (UHC); - at the exhaust (12) of the gas turbine (6,) detecting at least a second parameter related to the specific energy produced by the combustion (CO); - calculating a fuel flow rate (Q TOT) to be supplied to the combustion chamber (4) on the basis of the first parameter (UHC) and of the second parameter (CO).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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