

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 EINER GASTURBINE UND GASTURBINE

Title (fr)

PROCÉDÉ POUR RÉGULER L'ALIMENTATION EN COMBUSTIBLE D'UNE TURBINE À GAZ ET TURBINE À GAZ

Publication

**EP 2527737 A2 20121128 (EN)**

Application

**EP 12169656 A 20120525**

Priority

IT MI20110945 A 20110525

Abstract (en)

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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