

Title (en)

METHOD FOR DETERMINING THE CURRENT MAXIMUM OUTPUT OF A POWER STATION PLANT AND CONTROL DEVICE

Title (de)

VERFAHREN ZUM ERMITTELN DER AKTUELLEN MAXIMALLEISTUNG EINER KRAFTWERKSANLAGE UND REGELVORRICHTUNG

Title (fr)

PROCEDE POUR DETERMINER LA PUISSANCE MAXIMALE REELLE D'UNE CENTRALE ELECTRIQUE ET DISPOSITIF DE REGLAGE ASSOCIE

Publication

EP 1926889 A2 20080604 (DE)

Application

EP 06793475 A 20060913

Priority

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- EP 05020252 A 20050916
- EP 06793475 A 20060913

Abstract (en)

[origin: EP1764486A1] The method involves measuring a measuring value (x_i) that affects the maximum power (P_{max}). A conversion factor ($f(x_i)$) is determined from the measured measuring value, which represents the changes of an actual maximum power concerning a reference power (P_{ref}), based on a conversion curve or power plant model. The reference power is converted into the actual maximum power by the conversion factor. An actual gas turbine power and the actual value of the measuring value are measured for calibrating the reference power. Independent claims are also included for the following: (1) a method for regulating a gas turbine plant (2) a regulation device for regulating a power plant such as gas turbine plant or a gas or steam turbine plant (3) a power plant including a regulation device.

IPC 8 full level

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