

Title (en)

Process for regulating the firing power in combustion plants.

Title (de)

Verfahren zur Regelung der Feuerleistung bei Verbrennungsanlagen.

Title (fr)

Méthode de régulation de la puissance de combustion pour installations de combustion.

Publication

**EP 0352619 B1 19941102 (DE)**

Application

**EP 89113258 A 19890719**

Priority

DE 3825933 A 19880729

Abstract (en)

[origin: EP0352619A2] The process for regulating the firing power in combustion plants, in particular in refuse combustion plants, in which process the measured O<sub>2</sub>-moist content of the flue gas is used as higher-order set point controlled variable for regulating the fuel supply and the measured steam flow rate as lower-order set point controlled variable (10) for regulating the primary air supply, provides, in accordance with a first variant, for the specified O<sub>2</sub>-moist set point (7) to be varied as a function of the combustion chamber temperature (6) measured in the flue gas. This varied controlled variable (9) is fed to a regulator (13) which influences the fuel feed and/or the grate drive. <IMAGE>

IPC 1-7

**F22B 35/00**; **F23N 5/00**; **F23N 1/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

J. Martin, W. Methfessel, Forschung Aktuell, Nr. 16-17/Jahrgang 4, "Anwendung moderner Steuerungs- und Automatisierungstechnik in Müllverbrennungsanlagen", November 1987, TU Berlin.

Cited by

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