

Title (en)

WASTE INCINERATION CONTROL METHOD, AND INCINERATION CONTROL APPARATUS USING SAME

Title (de)

MÜLLVERBRENNUNGSSTEUERUNGSVERFAHREN UND VERBRENNUNGSSTEUERUNGSVORRICHTUNG MIT VERWENDUNG DAVON

Title (fr)

PROCÉDÉ DE COMMANDE D'INCINÉRATION DE DÉCHETS ET APPAREIL DE COMMANDE D'INCINÉRATION L'UTILISANT

Publication

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Application

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Abstract (en)

[origin: EP3379147A1] According to the present invention, information about a heating value of waste that is being incinerated is accurately and continuously obtained in real time, and combustion control of the waste is carried out without any time delay with respect to a current combustion state by using the information. Combustion control of an incinerator is carried out on the basis of the following steps. (1) Estimating a heating value of the waste from an actually measured component concentration in a combustion exhaust gas. (2) Estimating a boiler evaporation amount on the basis of the calculated waste heating value. (3) Controlling supply amounts of the waste, a combustion air, and a combustion improver introduced in the incinerator on the basis of the estimated boiler evaporation amount.

IPC 8 full level

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