

Title (en)

METHOD FOR REGULATING AND CONTROLLING A FIRING APPARATUS AND FIRING APPARATUS

Title (de)

VERFAHREN ZUR REGELUNG UND STEUERUNG EINER FEUERUNGSEINRICHTUNG UND FEUERUNGSEINRICHTUNG

Title (fr)

METHODE DE CONTROLE D'UN DISPOSITIF DE COMBUSTION ET DISPOSITIF DE COMBUSTION

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Application

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Abstract (en)

[origin: WO2006000366A1] Disclosed is a method for regulating a firing apparatus by taking into account the temperature and/or the burner load, especially in a gas burner. According to said method, the temperature (T_{ist}) generated by the firing apparatus is regulated using a characteristic curve which represents a value range corresponding to a setpoint temperature (T_{soll}) in accordance with a first parameter (m_{>L,}V_{>L}) that corresponds to the burner load (Q). A second parameter, preferably the excess air coefficient (), which is defined as the ratio between the actually delivered quantity of air and the quantity of air theoretically required for optimal stoichiometric combustion, is constant when representing the characteristic curve.

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Citation (search report)

See references of WO 2006000366A1

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