

Title (en)

METHOD FOR STARTING A FIRING DEVICE IN UNKNOWN GENERAL CONDITIONS

Title (de)

VERFAHREN ZUM STARTEN EINER FEUERUNGSEINRICHTUNG BEI UNBEKANNTEN RAHMENBEDINGUNGEN

Title (fr)

PROCÉDÉ POUR METTRE EN MARCHÉ UN SYSTÈME DE CHAUFFAGE DANS DES CONDITIONS GÉNÉRALES INCONNUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007093312A1] The invention relates to a method for starting a firing device, in particular for first-time non-ignition of a gas burner, in unknown general conditions, a characteristic curve of a start air coefficient known from empirical calculations, being stored for the firing device in a memory in conjunction with the burner temperature. According to the invention, a calibration of the start profile is carried out. The ratio of opening of the gas valve (w) to the amount of air $M_{\text{SUB} > L < / \text{SUB} >}$, required for ignition, is determined in an iterative manner by varying the amount of gas and/or air, and in the event of ignition, the firing device is started and the relevant air coefficient (?) $\text{SUB} > \text{IGNITION} < / \text{SUB} >$ is recorded.

IPC 8 full level

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