

Title (en)

METHOD FOR MONITORING AND CONTROLLING A BURNER FLAME OF A HEATING DEVICE BURNER

Title (de)

VERFAHREN ZUR ÜBERWACHUNG UND REGELUNG EINER BRENNERFLAMME EINES HEIZGERÄTEBRENNERS

Title (fr)

PROCÉDÉ POUR LA SURVEILLANCE ET LE RÉGLAGE D'UNE FLAMME DE BRÛLEUR D'UN BRÛLEUR D'APPAREIL DE CHAUFFAGE

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Abstract (en)

[origin: WO2020020494A1] The invention relates to a method for monitoring and controlling a burner flame of a burner of a heating device by means of a control device, wherein an ionization electrode is positioned in contact with the burner flame, two fixed voltages are cyclically and continually fed to the ionization electrode via a flame intensifier by means of a voltage generator, and the ionization currents measured by the ionization electrode in the burner flame are measured by the flame intensifier and are transmitted to the control device.

IPC 8 full level

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