

Title (en)

Method and device for operating a heating apparatus with flue gas discharge

Title (de)

Verfahren und Vorrichtung zum Betreiben eines Heizgeräts mit einer Abgasabführung

Title (fr)

Procédé et dispositif pour commander un appareil de chauffage avec une évacuation des gaz de fumée

Publication

EP 1028288 A3 20020529 (DE)

Application

EP 00102743 A 20000210

Priority

DE 19905787 A 19990212

Abstract (en)

[origin: EP1028288A2] The burner for a heating system, with an exhaust gas outflow, has a control which keeps the burner (10) at a nominal temp. The control stops the burner (10) in a modulating power range, in a cycled pattern where the cycle ratio from the switch-on to the switch-off phases is set according to the sensitivity of the exhaust outflow to moisture by the parameters of the chimney such as its length, cross section shape and dimensions, and its thermal conductivity. The chimney also has an air opening (46) with a controlled air flap (48).

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F23N 1/00; **F24H 9/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 3345705 A1 19850627 - DREIZLER WALTER DIPL ING [DE]
- [A] DE 19503630 A1 19951012 - VAILLANT JOH GMBH & CO [DE]
- [A] EP 0735331 A2 19961002 - BOSCH GMBH ROBERT [DE]
- [A] GB 2275099 A 19940817 - GREENALL JONATHAN LESLIE [GB]
- [A] DE 3429247 A1 19860220 - KUTZNER LUITPOLD [DE]

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