

Title (en)
Heating device

Title (de)
Heizeinrichtung

Title (fr)
Dispositif de chauffage

Publication
EP 0548655 B1 19970514 (DE)

Application
EP 92120876 A 19921208

Priority
AT 246991 A 19911212

Abstract (en)
[origin: EP0548655A1] Heating device with a burner acting upon a heat exchanger and a waste gas pipe made of a combustible or only limitedly temperature-resistant material, in the connection region of which to a combustion chamber receiving the burner a safety temperature limiter is arranged, which, when a given temperature is exceeded, emits a signal which influences the fuel supply of the burner. In order, in the case of such a burner, to avoid a predetermined temperature of the waste gas being exceeded, it is envisaged that the safety temperature limiter is formed by a temperature sensor (13), which is arranged in the waste gas line (10), and an evaluating circuit (14) which processes the signals of the sensor and which comprises a threshold switch, which causes the burner (2) to be switched off when the threshold is exceeded, and a control circuit which, when a predetermined threshold is approached, emits a signal which influences the output adjustment of the burner (2) with the effect of a reduction thereof. <IMAGE>

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F23N 5/24; **F23N 5/02**

IPC 8 full level
F23N 5/02 (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)
F23N 5/022 (2013.01); **F23N 5/242** (2013.01); **F23N 2223/08** (2020.01); **F23N 2225/10** (2020.01); **F23N 2225/21** (2020.01); **F23N 2233/06** (2020.01); **F23N 2235/14** (2020.01); **F23N 2235/16** (2020.01); **F23N 2237/10** (2020.01)

Cited by
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