

Title (en)

Method for operating a gas boiler

Title (de)

Verfahren zum Betrieb einer Gastherme

Title (fr)

Procédé pour le fonctionnement d'une chaudière à gaz

Publication

**EP 1223381 B1 20061108 (DE)**

Application

**EP 01129603 A 20011212**

Priority

DE 10100728 A 20010110

Abstract (en)

[origin: EP1223381A2] Method for operating a gas boiler comprises igniting and burning a gas/air mixture in a burner arranged in a combustion chamber, detecting the ionization stream in the flame, and passing the combustion gas to a heat exchanger and feeding as exhaust gas to an exhaust gas system. Dropping of the ionization stream during operation by a specified amount greater than the operation-induced variations of the ionization stream is evaluated as a sign of the onset of system-induced, self-regulating vibrations (rumbling). A change in the load and/or air ratio is carried out as a counter-measure. Preferred Features: Counter-measures include a short-term increase or reduction in load and changing the load by temporarily switching the boiler off and then on again.

IPC 8 full level

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CPC (source: EP)

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