

Title (en)

METHOD FOR MODIFYING A FUEL GAS BOILER

Title (de)

VERFAHREN ZUM MODIFIZIEREN EINES HEIZGASKESSELS

Title (fr)

PROCÉDÉ DE MODIFICATION D'UNE CHAUDIÈRE À GAZ COMBUSTIBLE

Publication

EP 3524884 B1 20230920 (EN)

Application

EP 19166651 A 20150710

Priority

- IT MI20141256 A 20140710
- EP 15176360 A 20150710

Abstract (en)

[origin: EP2966353A1] Retrofit assembly for a fuel gas boiler; the fuel gas boiler (1, 201, 301, 401) comprising a fuel gas burner (2), a feeding assembly (3, 403) for supplying fuel gas to the burner (2), a control unit (4) for controlling the feeding assembly (3, 403); the retrofit assembly (100) comprising a processing unit (101) configured to acquire a first control signal (S1; S4) of the feeding assembly (3, 403) configured to control the feeding assembly (3, 403); a second signal (S2) correlated to the exhaust gas or fuel gas composition; the processing unit (101) being configured to define a third control signal (S3) of the feeding assembly (3, 403) configured to control the feeding assembly (3, 403) and based on the second signal (S2) and on the first signal (S1); the retrofit assembly (100) being configured to be installed in the boiler (1, 201, 301, 401) and to control the flow rate of the fuel gas by means of the third signal (S3).

IPC 8 full level

F23N 1/00 (2006.01); **F23D 14/04** (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP)

F23D 14/04 (2013.01); **F23N 1/002** (2013.01); **F23N 5/006** (2013.01); **F23N 2005/185** (2013.01)

Cited by

EP4296575A1; EP4296574A1; EP4296573A1; EP4317779A1; EP4317780A1; EP4317777A1; EP4296569A1; EP4296572A1; EP4296570A1; EP4296571A1; EP4296568A1; EP4317778A1; EP4296576A1; WO2023247690A1; WO2023247691A1; WO2023247679A1; WO2023247680A1; WO2023247681A1; WO2023247683A1; WO2023247682A1; WO2023247684A1; WO2023247685A1; WO2023247686A1; WO2023247689A1; WO2023247687A1; WO2023247692A1

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EP 2966353 A1 20160113; **EP 2966353 B1 20190403**; EP 3524884 A1 20190814; EP 3524884 B1 20230920; ES 2719834 T3 20190716; ES 2963966 T3 20240403; PL 2966353 T3 20190731; PL 3524884 T3 20240408; PT 3524884 T 20231020

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