

Title (en)

RETROFIT ASSEMBLY FOR A FUEL GAS BOILER AND METHOD FOR MODIFYING A FUEL GAS BOILER

Title (de)

NACHRÜSTBARE ANORDNUNG FÜR HEIZGASKESSEL UND VERFAHREN ZUM MODIFIZIEREN EINES HEIZGASKESSELS

Title (fr)

ENSEMBLE DE RÉTROFIT POUR CHAUDIÈRE À GAZ COMBUSTIBLE ET PROCÉDÉ DE MODIFICATION D'UNE CHAUDIÈRE À GAZ COMBUSTIBLE

Publication

EP 3524884 A1 20190814 (EN)

Application

EP 19166651 A 20150710

Priority

- IT MI20141256 A 20140710
- EP 15176360 A 20150710

Abstract (en)

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

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CPC (source: EP)

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Citation (search report)

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- [X] EP 0050840 A1 19820505 - DUNGS KARL GMBH & CO [DE]
- [Y] EP 2574918 A1 20130403 - MEMS AG [CH]
- [Y] WO 2010140174 A1 20101209 - RIELLO SPA [IT], et al

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