

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 2966353 A1 20160113 (EN)

Application

EP 15176360 A 20150710

Priority

IT MI20141256 A 20140710

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

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)

Citation (search report)

- [XYI] EP 1239220 A2 20020911 - BOSCH GMBH ROBERT [DE]
- [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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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EP 15176360 A 20150710; EP 19166651 A 20150710; ES 15176360 T 20150710; ES 19166651 T 20150710; PL 15176360 T 20150710; PL 19166651 T 20150710; PT 19166651 T 20150710