

Title (en)

HYDROGEN RETROFIT KIT ASSEMBLY FOR A GAZ BURNER

Title (de)

WASSERSTOFF-NACHRÜSTKITANORDNUNG FÜR EINEN GASBRENNER

Title (fr)

ENSEMBLE KIT DE RATTRAPAGE D'HYDROGÈNE POUR UN BRÛLEUR À GAZ

Publication

**EP 4296569 A1 20231227 (EN)**

Application

**EP 22180332 A 20220622**

Priority

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Abstract (en)

The invention relates to a retrofit kit assembly (1) for converting a hydrocarbon gas combustion appliance (2), in particular a gas boiler, and more particularly for a condensing gas boiler, to a combustion appliance for combustion of fuel gas comprising more than 20 mol%, in particular more than 30mol%, hydrogen, the kit assembly (1) comprising:a frame structure (5) fixable to a housing (3) of the combustion appliance (2) for, in particular fully, closing a burner chamber (18) of the combustion appliance (2); anda manifold structure (10) comprising means for providing an air/gas mixture and the manifold structure (10) further comprising an inlet portion (11) and an outlet portion (12), wherein the inlet portion (11) is configured to receive the air/gas mixture and wherein the inlet portion (11) comprises a first connection (4) for receiving at least fuel gas, and a second connection (17) for receiving air located upstream from the first connection (4) and wherein the outlet portion (12) is arranged such that the air/gas mixture exits the manifold structure (10) through the outlet portion (12) and wherein the outlet portion (12) is connected to the frame structure (5).

IPC 8 full level

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Citation (applicant)

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Designated contracting state (EPC)

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