

Title (en)
RETROFIT KIT ASSEMBLY

Title (de)
NACHRÜSTKITANORDNUNG

Title (fr)
ENSEMble KIT DE RATTRAPAGE

Publication
EP 4296571 A1 20231227 (EN)

Application
EP 22180344 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 30 mol%, hydrogen, the kit assembly (1) comprising a frame structure (5) fixable to a housing (3) of the combustion appliance (2) for, in particular fully, covering a burner chamber (18) of the combustion appliance (2); and a hydrogen combustion component (21) comprising a poka-yoke configured connector (24) for connecting the hydrogen combustion component (21) to a predetermined control unit port (25) of a control unit (22, 23).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

EP 3524884 A1 20190814 - RIELLO SPA [IT]

Citation (search report)

- [IY] KR 20070097930 A 20071005 - ACOD INC [KR]
- [Y] US 2022003406 A1 20220106 - RUIZ ROBERTO [US]
- [A] WO 2020081921 A1 20200423 - CHANNEL PROD [US]
- [A] N/A: "Remeha Selecta System", 16 September 2003 (2003-09-16), pages 1 - 6, XP093001004, Retrieved from the Internet <URL:<https://hinchliffeheating.co.uk/wp-content/uploads/Remeha-Selecta-Parts.pdf>> [retrieved on 20221122]
- [A] REMEHA GMBH: "Quinta 10-115", 21 April 2008 (2008-04-21), remeha.de, pages 1 - 2, XP093000993, Retrieved from the Internet <URL:https://pro.remeha.de/downloads/download/1315675/Prospekt_Quinta_10-115_0508.pdf> [retrieved on 20221122]

Designated contracting state (EPC)

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Designated extension state (EPC)
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