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(54) **A boiler assembly comprising a removable boiler unit**

(57) A boiler assembly 1 comprises a removable boiler unit 2 detachably connected to a manifold unit 4. The manifold unit 4 provides the boiler unit 2, in use, with a connection interface to a pipework system. The manifold unit 4 comprises a rear section comprising at least one guide rail 37 so positioned on the manifold unit 4 that, during assembly, the boiler unit 2 is moved along the guide rail 37 which supports and guides the boiler unit 2 on to the manifold unit 4. When assembled, the guide rail 37 supports the weight of the boiler unit 2. A rear portion of the boiler unit 2 comprises a rearwardly directed exhaust gas flue duct 25, and the rear section of the manifold unit 4 is provided with a flue box 35, a front portion of the flue box 35 being provided with a forwardly directed exhaust gas flue inlet 41 and a top portion of the flue box 35 is provided with an upwardly directed exhaust gas flue outlet 43, the assembly 1 is arranged such that as the boiler unit 2 is moved along the guide rail 37, the boiler unit 2 exhaust gas flue duct 25 sealingly connects with the manifold unit 4 exhaust gas flue inlet 41, the exhaust gas flue outlet 43 being arranged to be connected to a flue connection in the building.

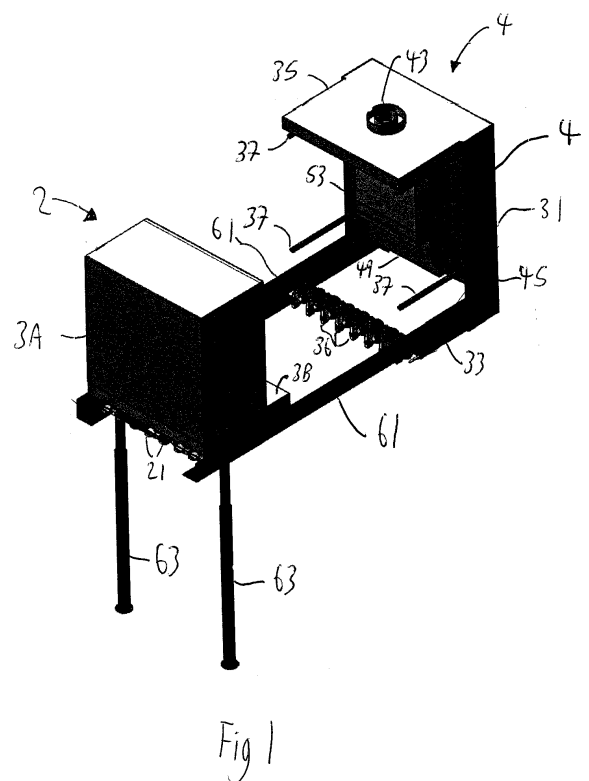


Fig 1



EUROPEAN SEARCH REPORT

Application Number
EP 11 18 4369

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraphs [0060] - [0080]; figures 1-8	8-10,13	F24H9/06
A	*	6,7	F24H9/14
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Y	CH 690 930 A5 (VAILLANT GMBH [CH]) 28 February 2001 (2001-02-28) * columns 1, 2; figure 1 *	9	
Y	GB 2 107 441 A (AUER SOC IND) 27 April 1983 (1983-04-27) * page 2; figures 1-7 *	10,13	
A	GB 2 246 848 A (BAXI PARTNERSHIP LTD [GB]) 12 February 1992 (1992-02-12) * the whole document *	1-13	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		10 March 2016	Schwaiger, Bernd
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-13

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 11 18 4369

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-13

boiler assembly comprising a removable boiler unit
detachably connected to a manifold unit and a flue box
connecting the flue duct of the boiler unit with the flue
duct of the building

2. claims: 14, 15

boiler assembly comprising a removable boiler unit
detachably connected to a manifold unit and a micro combined
heat and power unit

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 18 4369

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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10-03-2016

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