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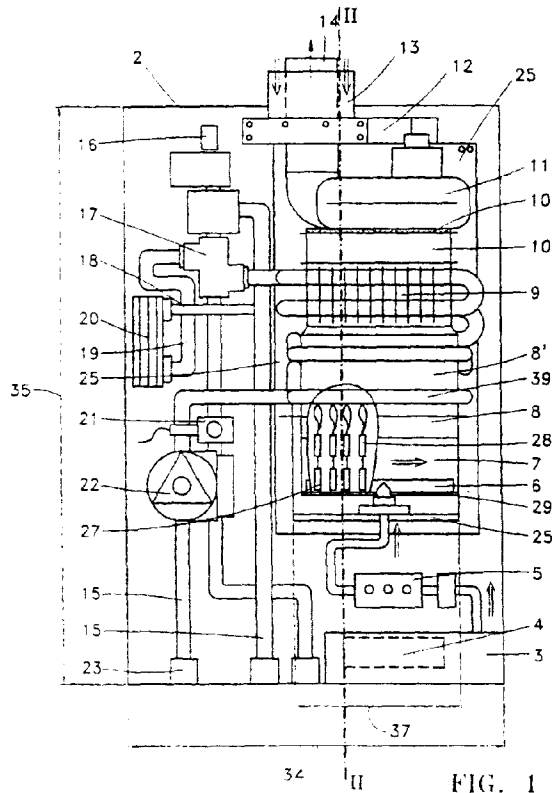
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(54) Sealed wall-hung boiler with reduced size heating parts

(57) The boiler (1) comprises a casing (2) of reduced height (35) and depth (33) for housing in a cabinet, a small-sized burner (7) and heating parts (6,7,8,8',9) of reduced width and depth, which are situated on one side of the boiler (1) housing, while the water circuit (15) components (16 to 23) are located on the other side. The

whole of the air flow (26) needed for combustion, both the primary and the secondary, is channelled from the intake (14) from the exterior by means of a diffuser (12) via a flat conduit (25) attached to the rear panel (32) of the casing, which terminates in a sealed enclosure (25b) below the burner, from where it is distributed.



EP 0 806 616 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 97 50 0054

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	CH 428 139 A (RÜEGG) * claims; figures * ---	1	F24H9/02 F24H9/14
A	DE 29 43 000 A (KREIBAUM OTTO OKAL WERK) 7 May 1981 * page 10, line 10 - page 11, line 11; figures * ---	1	
A	DE 87 16 241 U (BUDERUS HEIZTECHNIK GMBH) 28 January 1988 * page 2, last paragraph; figure * ---	1	
A	DE 33 38 126 A (BOSCH GMBH ROBERT) 2 May 1985 * abstract * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F24H F23D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 September 1998	Examiner Van Gestel, H
CATEGORY OF CITED DOCUMENTS		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	
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			

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