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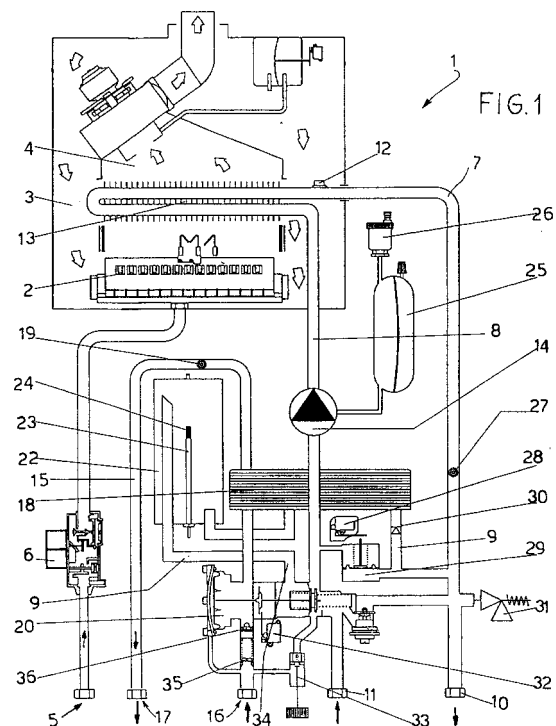
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(54) **Boiler and process for heating and for producing sanitary hot water**

(57) A boiler (1) of the combined type for heating and for producing sanitary hot water, comprising a primary circuit (7, 8, 9) for a heating fluid, having a delivery branch (7) and a return branch (8) intended for connection to a heating system, and a secondary branch (9) which connects the delivery branch to the return branch. A circulation pump (14) operates along the return branch upstream of a primary heat exchanger (13). A secondary heat exchanger (18) which is inserted in the secondary branch (9) exchanges heat between the heating fluid in the primary circuit and the sanitary water in a secondary circuit (15). A storage vessel (22) for the heating fluid in the primary circuit, which is inserted in said secondary branch (9), is located downstream of the secondary heat exchanger (18).





European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 99 83 0117

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F24H F24D
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>19 July 2001</b>	Examiner <b>Van Gestel, H</b>
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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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82