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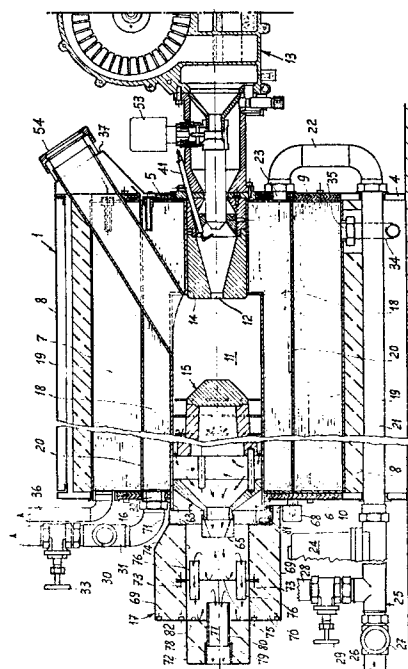
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54 **Boiler with pressurized firebox.**

57 The boiler (1) comprises a firebox area (11) which is surrounded by a tank (7) containing the water to be heated. The tank (7) is divided into two compartments (18, 19): an inner one (18) surrounding the firebox area (11), and an outer one (19) arranged around the inner compartment (18) and in heat exchange relationship therewith. The inner compartment (18) may be intended, for instance, for supplying the radiators of a heating system, whilst the outer compartment (19) may be intended for supplying sanitary water. The boiler (1) further comprises a muffler (17) which may accommodate a superheater assembly for quick hot water production, even when starting from cold, such as where used as a water heater.





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EUROPEAN SEARCH REPORT

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EP 80 10 4044

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<u>FR - A - 1 595 670</u> (BARATA) * Claim; figures 1-4 *	1-3,6-8,10	F 24 H 9/18 1/26
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	<u>CH - A - 506 032</u> (OSPELT) * Claims; figures 1-5 *	1,2,7,9,10	
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	<u>FR - A - 2 129 118</u> (ECO-THERM) * Page 2, lines 3-38; figures 1,2 *	1,2,7,9-11	
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	<u>AU - B - 414 761</u> (BRAEMAR ENGINEERING) * Page 4, lines 22-27; figure 1 *	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) F 24 H
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	<u>DE - B - 1 168 933</u> (WEBASTO WERK) * Page 1, column 1, lines 17-23 *	22	
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	<u>BE - A - 674 048</u> (FUCHS) * Figure 1 *	11-13	CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons

<p> The present search report has been drawn up for all claims</p>			&: member of the same patent family, corresponding document
Place of search The Hague		Date of completion of the search 29-12-1980	Examiner VAN GESTEL