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(54) Boiler

(57) A boiler with a reservoir (1) and a heating element (3) provided with a guard (12) in the reservoir (1) which screens the heating element (3) at a slight distance therefrom and defines an interspace (13) between the guard (12) and the wall (5) of the heating element (3). The interspace (13) communicates directly with the rest of the interior (2) of the reservoir (1) via passages (14) distributed over the guard (12). The guard constitutes a guide which guides water along the wall, resulting in an intensive, cooling flow along the heating element. As a result, boiling phenomena and lime deposition against the heating element are prevented. The interspace communicates directly with the rest of the interior space of the reservoir, without necessitating an extensive duct system.

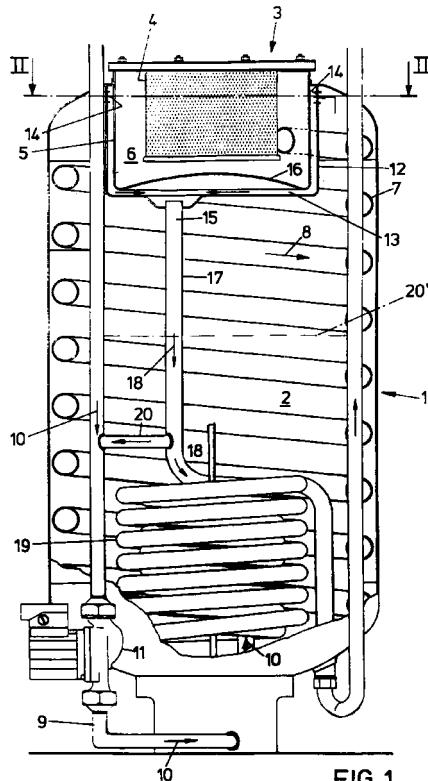


FIG. 1



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EUROPEAN SEARCH REPORT

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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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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