

Title (en)  
Central heating boiler

Title (de)  
Zentralheizungskessel

Title (fr)  
Chaudière de chauffage central

Publication  
**EP 0961089 B1 20051116 (EN)**

Application  
**EP 99660083 A 19990521**

Priority  
FI 981204 A 19980529

Abstract (en)  
[origin: EP0961089A2] The invention relates to a central heating boiler, comprising a furnace (11) whose inlet (11a) is fitted with an oil or gas burner (12) and whose rear section is provided with an outlet (11b) for flue gases, a water space (10) encircling the furnace, through which is extended a heating water circulation (14, 15), as well as at least one heat exchanger for heating warm service water. The heat exchanger comprises a flattish container (3) located in the rear section of the furnace (11) and at a small distance from the rear wall of the furnace. The warm service water has its output (21) fitted with a thermostat (5) which is coupled to control said oil or gas burner (12) on the basis of the service water temperature. In the boiler of the invention, the heat exchanger (3) is provided with an inlet pipe (31) whose end (32) opens into the interior of the heat exchanger (3) at a point substantially higher than an end (34) of its outlet pipe (33). <IMAGE>

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IPC 8 full level  
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