

Title (en)
Boiler.

Title (de)
Heizkessel.

Title (fr)
Chaudière.

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Application
EP 92113399 A 19920806

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Abstract (en)
[origin: EP0535331A1] The invention relates to a boiler for burning liquid or gaseous fuels, consisting of a water-conducting housing, in which a combustion chamber (3) equipped with a burner (2) is arranged, from which a number of waste gas flues (4) lead to the waste gas collecting chamber (5), in which flues waste gas displacement bodies (6) are arranged, of which the displacement body (6) in at least one of the waste gas flues (4) is designed as waste gas return pipe (20) which discharges openly towards the waste gas collecting chamber and the other end (8) of which is connected to a connection opening of the combustion chamber closure (10), which is provided with a heat insulation body (19), and from there is connected to the burner (2). According to the invention, it is envisaged that the connection opening, which is designed as an intervention opening (9), is dimensioned larger in cross-section than the waste gas return pipe (20), and that there is arranged in the intervention opening (9) an axially and elastically displaceable sealing ring (21) which is guided on the wall of the intervention opening (9) and which in the closed position of the combustion chamber closure (10) bears against the end (8) of the waste gas return pipe (20). As a result, there are no problems on opening and closing the combustion chamber closure (10) and a constant seal is guaranteed between the waste gas return pipe (20) and the combustion chamber closure (10) or the intervention opening (9). <IMAGE>

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