

Title (en)  
HEATER WITH A COMBUSTION CHAMBER WITH AN INVERTED BURNER

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Application  
**EP 89116403 A 19890906**

Priority  
DE 8811636 U 19880914

Abstract (en)  
[origin: EP0363636A1] The heater with a combustion chamber with an inverted burner consists of a water conducting housing (21), surrounded by a thermal insulation jacket (4) and having a cylindrical wall (13) and a cover and bottom of sheet metal. The sheet metal bottom (8) is provided in this arrangement with a projecting rim (1) and with base webs (2). According to the invention, the heater is constructed such that at least three base webs (2) screwed to the projection (1) of the sheet metal bottom are arranged under the at least one projecting rim (1) of the sheet metal bottom and are rigidly connected to a sheet metal base (3), whose diameter (D1) corresponds to the outer diameter (D2) of the thermal insulation jacket (4). The sheet metal base (3) is constructed in the shape of a shell and is provided with a flanged rim (5) which embraces the external lower rim (6) of the thermal insulation jacket (4). <IMAGE>

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