

Title (en)  
Heater

Title (de)  
Heizkessel

Title (fr)  
Chaudière

Publication  
**EP 1004833 A3 20020911 (DE)**

Application  
**EP 99123584 A 19991126**

Priority  
DE 19854910 A 19981127

Abstract (en)  
[origin: EP1004833A2] In an upright heating boiler (1) fluid or gas-form fuel is burnt, using a top face side-burner (2), the flame of which is conducted into an open chamber (3) in a spreading direction. The open chamber is surrounded by a water chamber (4) and downstream issues into a deflection chamber (5) connected with a flue gas collection chamber (21) via a channel structure (6). The water chamber is divided into inner (9) and outer (10) areas by a vertical dividing wall (8), allowing a water access (11) into the lower section (12) of the water chamber and a throttled access (14) to the upper section (13) of the chamber.

IPC 1-7  
**F24H 1/28**; **F24H 9/12**; **F24H 9/00**

IPC 8 full level  
**F24H 1/28** (2006.01); **F24H 9/00** (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP)  
**F24H 1/285** (2013.01); **F24H 9/0015** (2013.01); **F24H 9/0036** (2013.01); **F24H 9/13** (2022.01)

Citation (search report)

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