Title (en)

Water heater

Title (de)

Kessel zur Aufbereitung von Warmwasser

Title (fr)

Chauffe-eau

Publication

**EP 0878674 A3 20000524 (DE)**

Application

**EP 98102442 A 19980212**

Priority

- DE 19720456 A 19970515
- DE 19724942 A 19970612

Abstract (en)

[origin: EP0878674A2] The boiler has a housing (1) provided with feed and return connections (2,3), for circulation of water through the housing so that it is heated via a horizontal combustion chamber (4) in the base of the housing and heating surfaces (5) for recovering waste heat from the combustion gases fed to the boiler flue (11). The feed connection (2) is provided at the top of the boiler housing, with a flow guide (6) fitting around the heating surfaces in the vicinity of the feed connection, provided with a bypass opening (12), for preventing the heating surfaces dropping below the dew point temperature as a result of the cold water flow.

IPC 1-7

**F24H 9/00**; F24H 1/28

IPC 8 full level

**F24H 9/00** (2006.01); F24H 1/28 (2006.01)

CPC (source: EP)

**F24H 9/0015** (2013.01); **F24H 9/0036** (2013.01); F24H 1/285 (2013.01)

Citation (search report)

- [AD] DE 29602075 U1 19960523 - BUDERUS HEIZTECHNIK GMBH [DE]
- [A] EP 0188741 A2 19860730 - VIESSMANN HANS

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0878674 A2 19981118**; **EP 0878674 A3 20000524**; **EP 0878674 B1 20040714**; AT 271209 T 20040715

DOCDB simple family (application)

**EP 98102442 A 19980212**; AT 98102442 T 19980212