

Title (en)
Sectional boiler.

Title (de)
Gliederheizkessel.

Title (fr)
Chaudière sectionnée.

Publication
EP 0575755 B1 19950426 (DE)

Application
EP 93108244 A 19930521

Priority
DE 4220987 A 19920626

Abstract (en)
[origin: EP0575755A1] A sectional boiler for atmospheric gas burners is to be designed in such a manner so as to prevent the heating gases falling below the dew point and thus the formation of condensate. To this end, the pocket-like water chambers (3) of each boiler section (2) open with an upper corner region into a large-volume water hub (5), to which the boiler forward run (8) and the boiler return run (7) are connected. An internal mixing with a rapid rise in the return run temperature occurs in the water chambers (3). The effect is supported by a separating rib (9) in the water chamber (3) for separating the cool return run and the warmer forward run flow. <IMAGE>

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

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

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

Cited by
EP0825393A3; CN109114809A; DE102005014616B3

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL

DOCDB simple family (publication)
EP 0575755 A1 19931229; **EP 0575755 B1 19950426**; AT E121830 T1 19950515; DE 4220987 A1 19940105; DE 4220987 C2 19940414; DE 4220987 C3 19970424; DE 59300156 D1 19950601

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