

Title (en)
Boiler

Title (de)
Kessel

Title (fr)
Chaudière

Publication
EP 0831280 A3 19990421 (EN)

Application
EP 97200361 A 19970210

Priority
NL 1004086 A 19960920

Abstract (en)
[origin: EP0831280A2] A boiler with a reservoir (1) and a heating element (3) provided with a guard (12) in the reservoir (1) which screens the heating element (3) at a slight distance therefrom and defines an interspace (13) between the guard (12) and the wall (5) of the heating element (3). The interspace (13) communicates directly with the rest of the interior (2) of the reservoir (1) via passages (14) distributed over the guard (12). The guard constitutes a guide which guides water along the wall, resulting in an intensive, cooling flow along the heating element. As a result, boiling phenomena and lime deposition against the heating element are prevented. The interspace communicates directly with the rest of the interior space of the reservoir, without necessitating an extensive duct system. <IMAGE>

IPC 1-7
F24H 1/20

IPC 8 full level
F24H 1/20 (2006.01)

CPC (source: EP)
F24H 1/205 (2013.01)

Citation (search report)

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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)
NL 1004086 C1 19961129; DE 29619354 U1 19970327; EP 0831280 A2 19980325; EP 0831280 A3 19990421

DOCDB simple family (application)
NL 1004086 A 19960920; DE 29619354 U 19961107; EP 97200361 A 19970210