

Title (en)
A BOILER

Title (de)
KESSEL

Title (fr)
CHAUDIERE

Publication
EP 0616676 B1 19970129 (EN)

Application
EP 92918953 A 19920911

Priority
• IE 447191 A 19911220
• IE 9200008 W 19920911

Abstract (en)
[origin: WO9313366A1] A gas or oil fired enclosed boiler (1) comprises a base (2), a top (3), a main rear tank (4), a main front tank (5) and a pair of main side tanks (6, 7) which define an enclosure through which flame and hot gases are led from a burner (12) to an exhaust flue (16). The top (3) includes a removable cover for cleaning access. Four baffle assemblies are provided in the boiler. Adjacent transverse baffle plates (30, 31, 32, 33) are longitudinally spaced-apart to define interconnected transverse passageways. Deflectors (50, 51, 52, 54) are welded to each baffle plate (30, 31, 32, 33) and direct flame and hot gases against the water-carrying surface of the boiler. The baffle plate assemblies are removable through the top of the boiler for cleaning.

IPC 1-7
F24H 1/26; **F24H 9/00**

IPC 8 full level
F24H 1/26 (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)
F24H 1/26 (2013.01); **F24H 9/0026** (2013.01)

Cited by
GB2442483A; GB2442483B; GB2422894A; GB2422894B; EP1106937A1

Designated contracting state (EPC)
GB IE

DOCDB simple family (publication)
WO 9313366 A1 19930708; AU 2508992 A 19930728; EP 0616676 A1 19940928; EP 0616676 B1 19970129; GB 2277578 A 19941102; GB 2277578 B 19960424; GB 9411930 D0 19940831; IE 914471 A1 19930630

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