

Title (en)
HEATER

Publication
EP 0166703 B1 19880921 (DE)

Application
EP 85850114 A 19850329

Priority
SE 8401755 A 19840330

Abstract (en)
[origin: EP0166703A2] The boiler has a cylindrical tank (1), with an internal cylindrical combustion chamber having connected reversing chamber for flue gases, and flues (5) formed by channel-shaped plates. The combustion chamber has a tube (4) with an axial recess (6) in the base, an opposite end wall (7), and four external radial plates. These have the same radial extension as the distance between combustion chamber and the inner water tank wall (3). The plates divide the flues into four groups about the tank. A lower group is connected to the combustion chamber interior via an axial recess (6); to side groups via a first reversing chamber (9); while the second reversing chamber (10) connects the side groups to a top one. A third group is connected to the flue channel (12) via guide panels (11).

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

IPC 8 full level
F24H 1/26 (2006.01)

CPC (source: EP SE)
F24H 1/263 (2013.01 - EP SE)

Cited by
EP0598691A1; EP0428117A3; EP0591563A1

Designated contracting state (EPC)
AT CH DE FR LI SE

DOCDB simple family (publication)
FR 2562215 A1 19851004; DE 3508936 A1 19851010; DE 3565173 D1 19881027; DK 140785 A 19851001; DK 140785 D0 19850328; EP 0166703 A2 19860102; EP 0166703 A3 19860611; EP 0166703 B1 19880921; NO 851299 L 19851001; NO 851300 L 19851001; SE 441778 B 19851104; SE 8401755 D0 19840330; SE 8401755 L 19851001

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