

Title (en)

Waste heat boiler, particularly for use after a gas turbine

Title (de)

Abhitzedampferzeuger, insbesondere in der Verwendung hinter einer Gasturbine

Title (fr)

Chaudière de récupération, utilisée notamment derrière une turbine à gaz

Publication

**EP 0764813 B1 19990728 (DE)**

Application

**EP 96114357 A 19960907**

Priority

DE 19534802 A 19950920

Abstract (en)

[origin: EP0764813A1] The water is gravity fed by a down pipe (2) from the reservoir (1) and via a trap (3) into the input manifold (4) of the horizontal coil (5). The water is fed into the top of the coil and steam is taken out of the bottom manifold (6) into a riser pipe (7) back to the tank. The lowest part of the trap is lower than the bottom manifold. In the starting phase of the system steam is first produced in the bottom of the coil and sets up a pressure in the riser to prime the cycle. No separate injectors or starting aids are required.

IPC 1-7

**F22B 1/18**

IPC 8 full level

**F22B 1/18** (2006.01)

CPC (source: EP)

**F22B 1/1815** (2013.01)

Cited by

WO2015140361A1; US10125972B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0764813 A1 19970326; EP 0764813 B1 19990728**; AT E182665 T1 19990815; DE 19534802 A1 19970410; DE 59602527 D1 19990902; ES 2136925 T3 19991201

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