

Title (en)

WASTE HEAT STEAM GENERATOR

Publication

EP 0199251 B1 19880629 (DE)

Application

EP 86105132 A 19860414

Priority

DE 3515174 A 19850426

Abstract (en)

[origin: US4738224A] Waste heat steam generator for hot, dust-loaded gases under overpressure, with a gas feedline, with a gas exhaust line as well as with heat exchanger elements through which a coolant flows. The gas feedline is conducted inside a gas exhaust line, which opens from above into heat exchanger space which is concentrically arranged in a pressure vessel. The heat exchanger space is open at the lower end and in it the heat exchanger elements are supported. The space between the containment walls of the heat exchanger space and the pressure vessel wall at the upper end of the pressure vessel is connected to the gas exhaust line. The pressure vessel bottom in the form of a funnel is connected to an ash removal device. The containment walls of the heat exchanger space are provided with heat exchanger tubes.

IPC 1-7

F22B 1/18; **F22B 29/02**

IPC 8 full level

F22B 1/18 (2006.01); **F22B 29/02** (2006.01)

CPC (source: EP US)

F22B 1/1846 (2013.01 - EP US); **F22B 29/02** (2013.01 - EP US)

Cited by

CN101135432A; US6886501B2; US6840199B2; US6766772B2; WO0188435A1; WO0190641A1

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DE GB

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