

Title (en)

FOSSIL-FUEL FIRED CONTINUOUS-FLOW STEAM GENERATOR

Title (de)

FOSSILBEHEIZTER DURCHLAUFDAMPFERZEUGER

Title (fr)

GENERATEUR DE VAPEUR EN CONTINU A CHAUFFAGE PAR MATIERE FOSSILE

Publication

**EP 1166015 B1 20040609 (DE)**

Application

**EP 00922444 A 20000320**

Priority

- DE 0000865 W 20000320
- DE 19914760 A 19990331

Abstract (en)

[origin: US6715450B1] A continuous-flow steam generator includes a combustion chamber with evaporator tubes for fossil fuel. The combustion chamber is followed on the fuel-gas side, via a horizontal gas flue, by a vertical gas flue. When the continuous-flow steam generator is in operation, temperature differences between the exit region of the combustion chamber and the entry region of the horizontal gas flue are to be particularly low. For this purpose, of a plurality of evaporator tubes capable of being acted upon in parallel by a flow medium, a number of the evaporator tubes are led through the combustion chamber before their entry into the containment wall of said combustion chamber.

IPC 1-7

**F22B 21/34**; F22B 29/06; F22B 37/14

IPC 8 full level

**F22B 21/36** (2006.01); **F22B 21/34** (2006.01); **F22B 29/06** (2006.01); **F22B 31/00** (2006.01); **F22B 37/10** (2006.01); **F22B 37/14** (2006.01)

CPC (source: EP KR US)

**F22B 21/34** (2013.01 - KR); **F22B 21/346** (2013.01 - EP US); **Y10S 122/04** (2013.01 - EP US)

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