

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)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6715450 B1 20040406; AT E268882 T1 20040615; CA 2368972 A1 20001012; CA 2368972 C 20071211; CN 1193191 C 20050316; CN 1344360 A 20020410; DE 19914760 C1 20000413; DE 50006755 D1 20040715; DK 1166015 T3 20041025; EP 1166015 A1 20020102; EP 1166015 B1 20040609; ES 2222900 T3 20050216; JP 2002541419 A 20021203; JP 4489307 B2 20100623; KR 100694356 B1 20070312; KR 20010112293 A 20011220; RU 2224949 C2 20040227; WO 0060283 A1 20001012

DOCDB simple family (application)
US 93782801 A 20010928; AT 00922444 T 20000320; CA 2368972 A 20000320; CN 00805448 A 20000320; DE 0000865 W 20000320; DE 19914760 A 19990331; DE 50006755 T 20000320; DK 00922444 T 20000320; EP 00922444 A 20000320; ES 00922444 T 20000320; JP 2000609743 A 20000320; KR 20017011008 A 20010828; RU 2001129291 A 20000320