

Title (en)

COMBUSTION CHAMBER OF A STEAM GENERATOR

Publication

EP 0153438 A3 19860430 (DE)

Application

EP 84105927 A 19840524

Priority

CH 457983 A 19830823

Abstract (en)

[origin: US4599974A] A combustion chamber is subdivided vertically into layers with each layer having sets of burners disposed in angular spaced apart relation. In addition, the sets of burners are offset from one layer to another and all of the jet axes of the burners are directed in the same direction tangentially of a vertically disposed imaginary cylinder within the combustion chamber. The jets create a vortex flame within the combustion chamber.

IPC 1-7

F23C 5/32

IPC 8 full level

F22B 31/00 (2006.01); **F23C 5/32** (2006.01)

CPC (source: EP US)

F23C 5/32 (2013.01 - EP US)

Citation (search report)

- DE 471330 C 19290211 - STEIN UND THON IND GES BROHLTH
- AT 245146 B 19660210 - KOHLENSCHIEDUNGS GMBH [DE]
- DE 1551939 A1 19700723 - SREDNJEAZIATSKIJ NII PRIRODNOG
- DD 91785 A
- AT 269908 B 19690410 - SIEMENS AG

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0153438 A2 19850904; **EP 0153438 A3 19860430**; CA 1223517 A 19870630; JP S6044704 A 19850309; PL 248161 A1 19850409; US 4599974 A 19860715

DOCDB simple family (application)

EP 84105927 A 19840524; CA 458594 A 19840711; JP 14871684 A 19840719; PL 24816184 A 19840611; US 64097784 A 19840815