

Title (en)

STEAM GENERATOR WITH CIRCULATING ATMOSPHERIC OR SUPERCHARGED FLUIDISED-BED COMBUSTION

Publication

EP 0068301 B2 19910904 (DE)

Application

EP 82105260 A 19820616

Priority

DE 3125849 A 19810701

Abstract (en)

[origin: US4473032A] The total evaporator heating surface of a steam generator with circulating atmospheric or pressurized turbulent layer firing is distributed over several partial surfaces which are arranged in a turbulence-type combustion chamber (1) in a flow-bed cooler (7) or in a waste-heat steam generator (9). The partial surface through which flow takes place first, is dimensioned for the required low-load operation of the steam generator. The steam generator is so regulated that during increasing load of the steam generator the flow-bed cooler (7) receives an increasing quantity of solids, and during sinking load it receives a decreasing quantity of solids.

IPC 1-7

F22B 31/00; F23C 11/02

IPC 8 full level

F22B 31/00 (2006.01)

CPC (source: EP US)

F22B 31/0084 (2013.01 - EP US)

Cited by

EP0274637A1; EP0324201A1; EP0289281A1; CZ299336B6; US5335630A; EP0410773A3; EP0283967A1; US4796568A; EP0206066A3; EP0898115A1; FR2767379A1; US6003476A; WO9113289A1; WO9828570A1

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EP 0068301 A1 19830105; EP 0068301 B1 19841205; EP 0068301 B2 19910904; AT E10673 T1 19841215; AU 553068 B2 19860703; AU 8504482 A 19830106; CA 1190815 A 19850723; DE 3125849 A1 19830120; DE 3125849 C2 19881027; DE 3261455 D1 19850117; DK 150166 B 19861222; DK 150166 C 19871109; DK 294282 A 19830102; US 4473032 A 19840925; ZA 824034 B 19830427

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