

Title (en)  
ONCE-THROUGH STEAM GENERATOR

Publication  
**EP 0352488 B1 19931006 (DE)**

Application  
**EP 89111630 A 19890626**

Priority  
EP 88112051 A 19880726

Abstract (en)  
[origin: US4926799A] A continuous flow steam generator includes a vertical gas flue to which burners for fossil fuel are to be attached. The flue has a tube wall and a lower end with a bottom. The tube wall includes vertically disposed tubes with inlet and outlet ends and long sides being welded together in a gas-tight manner. The bottom includes other tubes having inlet and outlet ends and being welded together in a gas-tight manner. The tubes of the tube wall include tubes of a first tube group and tubes of a second tube group. The tubes of the first tube group are hydraulically connected to the other tubes of the bottom and have an outlet header connected to the tubes of the first tube group. The tubes of the second tube group have an inlet header and an outlet header connected to the tubes of the second tube group. A conduit is connected between the outlet header of the first tube group and the inlet header of the second tube group for hydraulically connecting the tubes of the second tube group downstream of the tubes of the first tube group. The inlet end of each tube of the first tube group merges with the outlet end of at least one of the other tubes of the bottom.

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

IPC 8 full level  
**F22B 29/06** (2006.01); **F22B 37/12** (2006.01); **F22B 37/14** (2006.01)

CPC (source: EP US)  
**F22B 29/062** (2013.01 - EP US); **F22B 37/125** (2013.01 - EP US); **F22B 37/146** (2013.01 - EP US)

Cited by  
DE19651678A1; US9163834B2; US6189491B1; WO9404870A1

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**EP 0352488 A1 19900131; EP 0352488 B1 19931006**; DE 58905817 D1 19931111; US 4926799 A 19900522

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