

Title (en)  
Boiler for heat generation

Title (de)  
Kesselanlage für eine Wärmeerzeugung

Title (fr)  
Chaudière pour la génération de chaleur

Publication  
**EP 0866269 B1 20021127 (DE)**

Application  
**EP 97810161 A 19970318**

Priority  
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Abstract (en)  
[origin: EP0866269A1] The boiler plant for heat generation consists of a combustion chamber and a burner working at the head side of the boiler plant for operation with a liquid or gaseous fuel. The burner has a fitment for the feeding-in of combustion air which induces flame stabilisation in the combustion chamber. In the combustion chamber, at least one grille-shaped device or restrictor ring (103,104) is built which divides the chamber into a front part and a rear part. The devices induce a limitation upon an inner recirculation zone in the front part pointing downstream and the formation of exterior recirculation zones fed by returned flue gases.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP US)  
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