

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.

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F23C 9/00; **F23M 9/06**; **F23C 7/00**; **F23D 17/00**

IPC 8 full level
F23C 7/00 (2006.01); **F23C 9/00** (2006.01); **F23D 17/00** (2006.01); **F23M 9/06** (2006.01)

CPC (source: EP US)
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