

Title (en)

Method and device for the combustion of wood pellets or other free-flowing solid fuels

Title (de)

Verfahren und Vorrichtung zur Verbrennung von Holzpellets oder anderer rieselfähiger fester Brennstoffe

Title (fr)

Procédé et dispositif pour la combustion de boulettes de bois ou de combustibles solides s'écoulant librement

Publication

**EP 0882931 B1 20030604 (DE)**

Application

**EP 98109055 A 19980519**

Priority

DE 19723107 A 19970603

Abstract (en)

[origin: EP0882931A2] The method involves feeding fuel (13) into a collector (12) by means of a conveyor (14,15). The collector divides the combustion chamber into a pre-combustion chamber (11.1) and an after-combustion chamber (11.2). The collector has at least one opening or slot (16). The exhaust gases are drawn off to the side below and or above the collector. Combustion air is supplied below the collector. Water fed into a central heating system is heated with the exhaust gases and radiation heat. An exhaust gas duct (21) with fan leads through the after-combustion chamber. An ash-pan (12) is in or under the slit or opening

IPC 1-7

**F23B 7/00**; **F23B 1/38**

IPC 8 full level

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CPC (source: EP)

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