

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 A3 19990901 (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

F23M 20/00 (2014.01)

CPC (source: EP)

F23B 1/38 (2013.01); **F23B 7/005** (2013.01); **F23B 30/00** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0882931 A2 19981209; **EP 0882931 A3 19990901**; **EP 0882931 B1 20030604**; AT E242455 T1 20030615; DE 19723107 A1 19981210; DE 59808580 D1 20030710

DOCDB simple family (application)

EP 98109055 A 19980519; AT 98109055 T 19980519; DE 19723107 A 19970603; DE 59808580 T 19980519