

Title (en)  
Boiler for granular fuel

Title (de)  
Heizkessel für körnige Brennstoffe

Title (fr)  
Chaudière à combustible granulaire

Publication  
**EP 1757859 B1 20101103 (DE)**

Application  
**EP 06450114 A 20060822**

Priority  
AT 13932005 A 20050824

Abstract (en)  
[origin: EP1757859A1] The boiler has a feeding device (8) provided at a front wall (7) of a combustion chamber (1) to discharge the fuel on a grid. The feeding device includes a blower (10) with a suction pipe (11) that is provided with an air control valve (13), where a dosing screw (9) for the fuel opens out into the pipe. An exhaust gas discharge opening (2) is provided in an area of blower-side front wall in a cover (16) of the chamber. A front wall (14) facing the blower forms a conduction surface (15) for directing the exhaust gas along the cover to the opening (2).

IPC 8 full level  
**F23B 40/02** (2006.01); **F23B 80/04** (2006.01); **F23G 7/10** (2006.01); **F23K 3/02** (2006.01); **F23K 3/14** (2006.01); **F23M 9/06** (2006.01)

CPC (source: EP)  
**F23B 1/28** (2013.01); **F23B 1/38** (2013.01); **F23B 60/02** (2013.01); **F23B 80/04** (2013.01); **F23G 7/105** (2013.01); **F23K 3/02** (2013.01); **F23K 3/14** (2013.01); **F23M 9/06** (2013.01); **F23G 2205/121** (2013.01); **F23G 2205/20** (2013.01); **F23K 2203/201** (2013.01); **F23K 2203/202** (2013.01)

Cited by  
PL425271A1; RU2615241C1; DE102008010235A1; DE102008010235B4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1757859 A1 20070228**; **EP 1757859 B1 20101103**; AT 502343 A1 20070315; AT 502343 B1 20071215; AT E487090 T1 20101115; DE 502006008218 D1 20101216; PL 1757859 T3 20110429

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