

Title (en)  
COMBUSTION DEVICE

Title (de)  
BRENNVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMBUSTION

Publication  
**EP 1277012 B1 20050216 (EN)**

Application  
**EP 01924045 A 20010404**

Priority  
• SE 0100730 W 20010404  
• SE 0001606 A 20000428

Abstract (en)  
[origin: WO0184048A1] A device (3) for the combustion of granular solid fuel, for example wood flour pellets, chippings and the like, comprising a combustion chamber (16), an air inlet (24) having a fan (25) for providing air to the combustion chamber and for creating a predetermined through blowing of air through the combustion chamber before, during and after the combustion of the fuel, a dosing unit (12) for feeding of the fuel to the combustion chamber, an ignition device (28) for ignition of the fuel, a control and checking unit (32) for operation of associated or co-operating parts arranged in or at the combustion device and also an outlet (26) for hot combustion gases from the combustion of the fuel from the combustion chamber to a boiler section (27) in a heating boiler (6) for transfer of the heat to the heating system of the heating boiler (6), for example through water-cooled surfaces in the heating boiler. According to the invention, the combustion device (3) also comprises a movably arranged ash feeder (29) with a drive unit (30), controlled by the control and checking unit for automatic out feeding out of the combustion chamber of ashes, unburned fuel and slag products (31), which are created during the combustion of the fuel.

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IPC 8 full level  
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Cited by  
CN102466241A; CN109028026A; CN109237506A

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