

Title (en)  
ROTARY BURNER FOR SOLID FUEL

Title (de)  
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Title (fr)  
BRULEUR ROTATIF DESTINE AU COMBUSTIBLE SOLIDE

Publication  
**EP 0963533 A1 19991215 (EN)**

Application  
**EP 98908396 A 19980303**

Priority  
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Abstract (en)  
[origin: WO9839600A1] A device for the combustion of solid fuel in the form of granules, pellets, chips or other fragmented or finely divided form, comprising a rotary reactor drum (1), which forms the main combustion chamber (13) and has a rear end wall (65) and at the opposite end an outlet (3) for combustion gases to a boiler part for heat transfer to water-cooled surfaces, for example, or other heat-absorbing means, an inlet (55) for combustion air to the main combustion chamber (13), means (40) for feeding fuel through the rear end wall (65) of the reactor drum and means for rotating the reactor drum around its centre axis (2). Inside the main combustion chamber (13), in its rear part, is an inner, smaller drum (60), which is coaxial with the reactor drum (1) and has a perforated jacket. At least the bulk of the fuel is disposed to be fed into the inner, smaller drum (60) and from this to the surrounding main combustion chamber (13). The smaller drum (60) is disposed to be rotatable with the larger reactor drum (1) around its centre axis (2).

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