

Title (en)  
A burner for pellet fuel

Title (de)  
Brenner für Pelletbrennstoff

Title (fr)  
Brûleur à combustible granulé

Publication  
**EP 1359372 A3 20040121 (EN)**

Application  
**EP 03076097 A 20030415**

Priority  
IT CR20020003 A 20020409

Abstract (en)  
[origin: EP1359372A2] Burner for pellet fuel, connected to fuel feeding means, air feeding means and ignition means, comprising a main body (1), a combustion chamber (2) in which hot combustion gases flow essentially in a longitudinal flow direction (F) and a grate (3) adapted to support the fuel inside said chamber (2), in which said grate (3) is backwards inclined with respect of said flow direction (F), and air delivering means (16, 19) are associated to said grate (3), for blowing air on the pellet fuel placed on said grate (3) so as to provide partial gasification of said fuel. <IMAGE>

IPC 1-7  
**F23B 1/18**; **F23B 1/28**; **F23G 7/10**; **F23H 1/02**

IPC 8 full level  
**F23C 9/00** (2006.01); **F23G 5/00** (2006.01); **F23G 7/10** (2006.01); **F23L 1/02** (2006.01); **F23L 9/02** (2006.01); **F23L 9/06** (2006.01)

CPC (source: EP)  
**F23C 9/00** (2013.01); **F23G 5/002** (2013.01); **F23G 7/10** (2013.01); **F23L 1/02** (2013.01); **F23L 9/02** (2013.01); **F23L 9/06** (2013.01); **F23G 2900/50206** (2013.01)

Citation (search report)

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- [X] AU 419376 B
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- [X] DE 3226877 A1 19840119 - WAGNER ALBERT
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