

Title (en)  
A burner for pellet fuel

Title (de)  
Brenner für Pelletbrennstoff

Title (fr)  
Brûleur à combustible granulé

Publication  
**EP 1359372 B1 20080326 (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 8 full level  
**F23B 50/12** (2006.01); **F23B 60/02** (2006.01); **F23C 9/00** (2006.01); **F23G 5/00** (2006.01); **F23G 7/10** (2006.01); **F23H 1/02** (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)

Cited by  
EP3124865A1; CN103836614A; CN108426253A; CZ302836B6; EP2985527A1; DE102012004711A1; WO2016056930A2; DE212015000243U1; WO2009019569A3; WO2015067380A1

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