

Title (en)  
Burner for a stove fuelled with solid fuels

Title (de)  
Mit festen Brennstoffen betriebener Ofenbrenner

Title (fr)  
Brûleur pour poêle alimenté en combustibles solides

Publication  
**EP 2226558 A1 20100908 (EN)**

Application  
**EP 10155693 A 20100305**

Priority  
IT VI20090048 A 20090306

Abstract (en)  
This is a burner for a stove fuelled with solid fuels, in particular pellet, wherein there is provided a brazier (1) with a substantially rectangular shape whereon a device acts for removing the burnt product consisting of a motor-driven spatula (6) provided with a pivoting movement, which has the function of keeping, the brazier holes free from burnt product. Such burner is characterised in that it exhibits, at the centre line thereof in longitudinal direction, a portion thereof provided with upwards facing concavity and subject to the action of the spatula, Such portion is provided with through holes wherethrough the primary air required for combustion flows outwards. On the other hand, the secondary air flows through the holes (12) obtained in a pair of elements (11) obtained by a metal sheet, which are curved substantially as a V, with upward facing apex, or as an upturned "U", according to the combustion power of the burner.

IPC 8 full level  
**F23B 30/10** (2006.01); **F23B 50/12** (2006.01); **F23L 9/06** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)  
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Citation (search report)  
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• [Y] GB 638458 A 19500607 - EDGAR HAROLD BRACEWELL  
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