

Title (en)

Burner for stoves fired by pellets, woodchips, cereals and vegetables waste in general

Title (de)

Ofenbrenner zur Verbrennung von Pellets, Holzspänen, Getreiden und Pflanzenabfälle im allgemeinen

Title (fr)

Brûleur de fourneau pour l'incinération de boulettes, de copeaux de bois, de céréales et de déchets végétaux en général

Publication

EP 1559957 A1 20050803 (EN)

Application

EP 05000369 A 20050111

Priority

IT VI20040014 A 20040128

Abstract (en)

The finding concerns a burner for stoves fired by pellets, woodchips, cereals and vegetable waste in general. Such a burner is characterised in that on the plane of the brazier (1) a device acts that continuously cleans the base grid (9), equipped with entry holes for comburent air. Said device consists of a scraping blade (7) arranged above and in contact with the grid, said blade and said grid being moved reciprocally and in opposite directions. <IMAGE>

IPC 1-7

F23J 1/06; F23G 7/10; F23B 1/26

IPC 8 full level

F23J 1/06 (2006.01); **F23G 7/10** (2006.01); **F23H 9/00** (2006.01); F23B 40/02 (2006.01); F23B 60/02 (2006.01)

CPC (source: EP)

F23B 1/26 (2013.01); **F23B 50/12** (2013.01); **F23G 7/10** (2013.01); **F23H 15/00** (2013.01); **F23J 1/06** (2013.01); **F24B 1/024** (2013.01); F23G 2205/121 (2013.01); F23G 2209/261 (2013.01); F23G 2209/262 (2013.01)

Citation (applicant)

- DE 1142984 B 19630131 - ANDRE GEORGES VANDEVELDE
- US 4672899 A 19870616 - KAINER ERNST [AT]
- EP 0052499 A2 19820526 - SAACKE H LTD [GB]

Citation (search report)

- [X] DE 1142984 B 19630131 - ANDRE GEORGES VANDEVELDE
- [A] US 4672899 A 19870616 - KAINER ERNST [AT]
- [A] EP 0052499 A2 19820526 - SAACKE H LTD [GB]
- [A] WO 9216791 A1 19921001 - PEDERSEN UFFE [DK]
- [A] EP 0915289 A2 19990512 - PYRO IND INC [US]
- [A] US 5617841 A 19970408 - WHITFIELD OLIVER J [US], et al
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