

Title (en)

Stove in particular for pellets or granular solid fuel

Title (de)

Ofen für Brennstoffpellets oder für körnige festen Brennstoffe

Title (fr)

Poêle à combustibles en pastilles ou à combustibles solides granulaires

Publication

EP 1582815 A1 20051005 (EN)

Application

EP 05005537 A 20050315

Priority

DK PA200400430 A 20040317

Abstract (en)

A stove (2), particularly for combusting pelletised or granular fuel, including a combustion chamber (10) with a fireplace or a combustion zone (28), a feeding aperture (36) for primary combustion air arranged thereunder, a feeding aperture (42) for secondary combustion air arranged above the fireplace (10), and a feeding aperture for tertiary combustion air supplied over the combustion chamber and conducted downwards along the inner side of a glass pane (50) of a front door (52) for the stove (2), which behind the combustion chamber (10) includes a fuel hopper (18) with an inclining bottom plate (20), that the burning stove (2) includes a filling opening (26) for fuel in a sidewall, and that between the fuel hopper (18) and the fireplace or the combustion zone (28) there is provided a slotted firing opening (24). By means of simple measures is hereby provided a burning stove with a fuel magazine from which the fuel may be supplied successively through a slot-formed firing opening for achieving a continuous underburning of pelletised or granular fuel.

IPC 1-7

F24B 1/02

IPC 8 full level

F24B 1/02 (2006.01)

CPC (source: EP)

F24B 1/024 (2013.01)

Citation (applicant)

- US 5285738 A 19940215 - CULLEN LESLIE D [US]
- DK 166637 B1 19930621 - ABC PEJSEINDUSTRI A S [DK]

Citation (search report)

- [YA] FR 932186 A 19480315
- [Y] US 4766876 A 19880830 - HENRY DANIEL S [US], et al
- [A] EP 0854324 A2 19980722 - JARVI MICHAEL ANTHONY [US]

Cited by

KR101431134B1; DE102006043758B4; EP1965135A1; ITUB20160850A1

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