

Title (en)
Improvements in a pellet stove

Title (de)
Ofen für Brennstoffpellets

Title (fr)
Poêle à combustibles en pastilles

Publication
EP 1327825 A1 20030716 (EN)

Application
EP 03000019 A 20030103

Priority
IT VR20020001 U 20020110

Abstract (en)
The invention relates to a pellet stove comprising a support and containment structure (2), a pellet combustion chamber (10), an exhaust circuit (12) leading to a chimney (14) for releasing flue gases and including at least one side section downwardly extending from the top of said combustion chamber (10), an downwardly extending ambient air intake circuit (16, 21) including at least one air inlet (17) at the upper portion of the said support and containment structure (2), and at least one section in heat exchange relationship with the said downwardly extending section of said exhaust circuit (12) to heat the ambient air taken in, and a heated-air feeding circuit (25, 26, 27, 30), wherein the said heated-air feeding circuit (25, 26, 27, 30) is located in the lower portion of the said support and containment structure (2) and comprises at least one duct having its outlet at floor level (28, 31). <IMAGE>

IPC 1-7
F24B 1/02; **F24B 7/02**

IPC 8 full level
F24B 1/02 (2006.01); **F24B 7/02** (2006.01)

CPC (source: EP)
F24B 1/024 (2013.01); **F24B 7/025** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1327825 A1 20030716; **EP 1327825 B1 20060405**; AT E322650 T1 20060415; CY 1105630 T1 20101222; DE 60304374 D1 20060518; DE 60304374 T2 20070201; DK 1327825 T3 20060731; ES 2261793 T3 20061116; HK 1058699 A1 20040528; IT VR20020001 U1 20030710; PT 1327825 E 20060831; SI 1327825 T1 20061031

DOCDB simple family (application)
EP 03000019 A 20030103; AT 03000019 T 20030103; CY 061100883 T 20060628; DE 60304374 T 20030103; DK 03000019 T 20030103; ES 03000019 T 20030103; HK 04100381 A 20050116; IT VR20020001 U 20020110; PT 03000019 T 20030103; SI 200330316 T 20030103