

Title (en)
Furnace or small combustion equipment

Title (de)
Ofen oder Kleinf Feuerungsanlage

Title (fr)
Four ou petit appareil de combustion

Publication
EP 1411295 A1 20040421 (DE)

Application
EP 02023420 A 20021019

Priority
EP 02023420 A 20021019

Abstract (en)
The solid fuel stove or oven has an automatic feed for solid fuel (14) to a combustion chamber (11). The feed has a central air feed (15) to extract air from the oven chamber (10). The central air duct can have a pipe (16) connected to the combustion chamber (11) and with an air mixture sensor.

Abstract (de)
Ein Ofen oder eine Kleinf Feuerungsanlage (10) mit einer automatischen Zuführvorrichtung (14) für feste, rieselfähige Brennstoffe zu einer Brennkammer (11), die eine zentrale Luftzuführung (15), die Luft außerhalb des Aufstellungsraumes des Ofens (10) ansaugt, aufweist. <IMAGE>

IPC 1-7
F23B 1/38; **F23L 1/02**; **F23L 9/02**; **F23L 17/00**; **F23K 3/00**; **F23G 5/50**

IPC 8 full level
F23B 50/12 (2006.01); **F23G 5/50** (2006.01); **F23K 3/00** (2006.01); **F23L 1/02** (2006.01); **F23L 9/02** (2006.01); **F23L 17/00** (2006.01)

CPC (source: EP)
F23B 50/12 (2013.01); **F23G 5/50** (2013.01); **F23K 3/00** (2013.01); **F23L 1/02** (2013.01); **F23L 9/02** (2013.01); **F23L 17/005** (2013.01); **F23G 2205/121** (2013.01); **F23G 2207/101** (2013.01); **F23G 2207/113** (2013.01); **F23G 2209/261** (2013.01); **F23N 2231/16** (2020.01)

Citation (search report)

- [XA] WO 9915833 A1 19990401 - HETA A S [DK], et al
- [X] US 4335660 A 19820622 - MALONEY KENNETH L, et al
- [X] US 6223737 B1 20010501 - BUCKNER CARROL E [US]
- [X] US 6145453 A 20001114 - MARTIN JOHANNES [DE], et al
- [XA] EP 1022512 A1 20000726 - RIENER KARL STEFAN [AT]
- [X] DE 3915992 A1 19891123 - KOCH THEODOR [CH]
- [X] DE 19737938 A1 19990304 - LIMPER KLAUS [DE]
- [A] US 5626086 A 19970506 - MALONE PATRICK C [US]
- [A] GB 2109918 A 19830608 - MCINTIRE KENDRICK HARRY, et al
- [A] US 2002092234 A1 20020718 - STALLER TRACY D [US], et al
- [XA] "KLEINF Feuerungsanlagen fuer Holz", BWK BRENNSTOFF WARME KRAFT, VDI VERLAG GMBH. DUSSELDORF, DE, vol. 52, no. 3, 2000, pages 23 - 25, XP000912991, ISSN: 0006-9612

Cited by
EP2410242A3; FR2994728A1; EP1783424A3; ITPS20120021A1; CN107726299A; CN104566438A; EP3372127A1; FR3063622A1; WO2006081600A1

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
EP 1411295 A1 20040421; **EP 1411295 B1 20070207**; AT E353423 T1 20070215; DE 50209442 D1 20070322

DOCDB simple family (application)
EP 02023420 A 20021019; AT 02023420 T 20021019; DE 50209442 T 20021019