

Title (en)

Device for supplying combustion air to the firebox of a tile stove

Title (de)

Anordnung zur Zuführung von Verbrennungsluft zum Brennraum eines Kachelofens

Title (fr)

Dispositif d'alimentation d'air de combustion pour le foyer d'un poêle en faïence

Publication

EP 0931984 A3 20030312 (DE)

Application

EP 99890023 A 19990127

Priority

AT 12698 A 19980127

Abstract (en)

[origin: EP0931984A2] The tile stove has a door frame (4) with one or more air supply openings (6) leading into the burner chamber (2). The opening is pref. located in the lower horizontal part of the frame, and communicates with the hollow chamber (7) of a base element (5) located under the door frame. The chamber is supplied with combustion air via air intakes (8). The door frame consists of a metal, and is supported on the base element, which is of fireclay. The frame contains a pref. removable grating (10), forming the air supply openings. Additional air supply openings (12) in a burner chamber wall are connected to the hollow chamber via flexible hoses (11), pref. of aluminum.

IPC 1-7

F24B 5/02; **F24B 1/04**

IPC 8 full level

F24B 5/02 (2006.01)

CPC (source: EP)

F24B 5/021 (2013.01)

Citation (search report)

- [DA] AT 392831 B 19910625 - SCHAUBMAYER WALTER
- [A] US 4461272 A 19840724 - LARSSON PETER [AT], et al
- [A] US 4471756 A 19840918 - EBERHARDT H ALFRED [US]

Designated contracting state (EPC)

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EP 0931984 A2 19990728; **EP 0931984 A3 20030312**; **EP 0931984 B1 20041215**; AT 405970 B 20000125; AT A12698 A 19990515; AT E285054 T1 20050115; DE 59911251 D1 20050120

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