

Title (en)

Closed fire, stove or fireplace insert.

Title (de)

Geschlossene Herd-, Ofen- oder Kaminkassette.

Title (fr)

Foyer fermé, poêle ou insert de cheminée.

Publication

EP 0464293 B1 19931201 (FR)

Application

EP 90402417 A 19900903

Priority

FR 9008775 A 19900704

Abstract (en)

[origin: EP0464293A1] The closed fire (1) is connected to a smoke exhaust pipe (2). It comprises a glazed front door (3) and a central hearth (4) where the combustion (5) is maintained by admission of primary (14) and secondary (19) air. According to the invention, the closed fire (1) comprises means for preheating and creating a turning movement (10) of the combustion air in the hearth (4). This makes it possible to raise the combustion temperature and to create a sweep of clean air facing the internal pane (12) of the front door (3) in order to avoid the latter blackening. The heating efficiency is improved with a reduced release of polluting smoke. The invention is of interest to manufacturers of heating apparatuses.
<IMAGE>

IPC 1-7

F24B 5/02; **F24B 13/00**

IPC 8 full level

F24B 5/02 (2006.01); **F24B 13/00** (2006.01)

CPC (source: EP)

F24B 5/026 (2013.01); **F24B 13/004** (2013.01)

Cited by

ES2165254A1; FR2758178A1; CN108800207A; EP1455139A3; EP3199872A1; GB2533040A; GB2533040B; WO2010029567A3; WO2005012794A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0464293 A1 19920108; **EP 0464293 B1 19931201**; AT E98008 T1 19931215; DE 69004952 D1 19940113; FR 2664366 A1 19920110; FR 2664366 B1 19940930

DOCDB simple family (application)

EP 90402417 A 19900903; AT 90402417 T 19900903; DE 69004952 T 19900903; FR 9008775 A 19900704