

Title (en)

ENCLOSED FIREPLACE WITH IMPROVED COMBUSTION AND INCREASED OPERATING TEMPERATURE

Title (de)

GESCHLOSSENER KAMIN MIT VERBESSERTER VERBRENNUNG UND ERHÖHTER BETRIEBSTEMPERATUR

Title (fr)

FOYER FERME DE CHEMINEE A COMBUSTION AMELIOREE ET A TEMPERATURE DE FONCTIONNEMENT AUGMENTEE

Publication

**EP 2013541 B1 20100929 (FR)**

Application

**EP 07731383 A 20070427**

Priority

- FR 2007000731 W 20070427
- FR 0603859 A 20060428

Abstract (en)

[origin: WO2007125211A1] The enclosed fireplace is notable in that it has a rear air inlet, and a fireplace the base and side walls of which are lined with refractory blocks (7), (9) and (5), (6), a primary air circuit formed of two symmetric branches, each one opening through a side refractory block (5) or (6) via ports (38) situated above the base plane of the fireplace (1) and a secondary air circuit formed of two symmetric parts grafted onto the primary air circuit and running along the side refractory blocks (5) and (6) to end at a distributor despatching the heated air in a downwards stream against the rear face of the glazed part (3) via a curved deflector (36). The fireplace is lined with refractory blocks and thermally insulated. This invention is of interest to the manufacturers of enclosed fireplaces.

IPC 8 full level

**F24B 5/02** (2006.01)

CPC (source: EP)

**F24B 5/026** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2900461 A1 20071102; FR 2900461 B1 20080620**; AT E483141 T1 20101015; DE 602007009512 D1 20101111; EP 2013541 A1 20090114; EP 2013541 B1 20100929; WO 2007125211 A1 20071108; WO 2007125211 B1 20080110

DOCDB simple family (application)

**FR 0603859 A 20060428**; AT 07731383 T 20070427; DE 602007009512 T 20070427; EP 07731383 A 20070427; FR 2007000731 W 20070427