

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

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Application

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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.

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