

Title (en)
Closing device for a furnace opening

Title (de)
Verschlusseinrichtung für Ofenöffnungen

Title (fr)
Dispositif de fermeture pour une ouverture de foyer

Publication
EP 0780640 A3 19990127 (DE)

Application
EP 96890179 A 19961202

Priority
AT 69895 U 19951219

Abstract (en)
[origin: EP0780640A2] The door (9) consists of two spaced apart plates (10,12) in the form of unframed tiles of fireproof glass, especially ceramic glass and is joined by a hinge (17) to the frame (3). At least one of the gas tiles, preferably the outer tile (12) as a heat-reflecting coating, preferably of oxide. At least one of the glass tiles is decorated. Circulation holes open into the air cavity between the two plates which are not framed and are joined by spacer pieces (11) at single points only. Only the inner plate (10) facing the frame is sealed from it. The spacer pieces are joined by a preferably frame-shaped connecting element (16) to which the hinge is attached.

IPC 1-7
F24B 13/00

IPC 8 full level
F24B 13/00 (2006.01)

CPC (source: EP)
F24B 13/004 (2013.01)

Citation (search report)

- [X] US 4638788 A 19870127 - LANCELOT PIERRE [FR]
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- [A] EP 0603483 A2 19940629 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 4667607 A 19870526 - FLEMING JOHN S [NZ]

Cited by
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Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 0780640 A2 19970625; EP 0780640 A3 19990127; EP 0780640 B1 20030226; AT 1154 U1 19961125; DE 59610171 D1 20030403

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