

Title (en)  
Oven door with window

Title (de)  
Ofentür mit Fenster

Title (fr)  
Porte de four avec fenêtre

Publication  
**EP 1475570 A3 20050126 (EN)**

Application  
**EP 03257459 A 20031126**

Priority  
KR 20030028987 A 20030507

Abstract (en)  
[origin: EP1475570A2] The present invention relates to an oven provided with a main body (1) forming an oven compartment (3), and a door (10) in contact with the main body (1) to close and open the main body (1), the door (10) comprising: an inner cover (20) provided facing the oven compartment (3) and formed with a through opening to show the oven compartment (3) therethrough. The edges of the inner cover (20) in the periphery of the through opening are extended towards the inside of the oven compartment, thus forming a window accommodating part (23); a transparent window (15) provided in the through opening of the inner cover (20), bedded in said window accommodating part (23); and a supporting member (30) supporting the transparent window (15) against the inner cover (20). Thus, a fixing means such as a jig and liquid sealant used for providing the transparent window to the door during assembly of the conventional oven are not necessary according to the present invention.  
<IMAGE>

IPC 1-7  
**F24C 15/00**; **F24C 15/02**; **F24C 15/04**

IPC 8 full level  
**F24C 7/02** (2006.01); **A47J 37/00** (2006.01); **A47J 43/08** (2006.01); **F24C 7/00** (2006.01); **F24C 7/04** (2006.01); **F24C 15/02** (2006.01); **F24C 15/04** (2006.01)

CPC (source: EP KR US)  
**F24C 7/00** (2013.01 - KR); **F24C 15/02** (2013.01 - EP US); **F24C 15/04** (2013.01 - EP US)

Citation (search report)

- [XY] US 4127101 A 19781128 - TILTON ROBERT W
- [X] US 3565054 A 19710223 - SMITH DAVID GIBBONS, et al
- [X] US 3881462 A 19750506 - BARNETT EUGENE J
- [A] US 4207863 A 19800617 - DROUIN CLAUDE [CA]
- [Y] US 4606324 A 19860819 - KATONA JOSEPH W [US]
- [Y] EP 1106932 A2 20010613 - AEG HAUSGERAETE GMBH [DE]
- [A] EP 1126126 A1 20010822 - E G E ELEKTRO GMBH [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1475570 A2 20041110**; **EP 1475570 A3 20050126**; CN 1547919 A 20041124; JP 2004329891 A 20041125; JP 2004333113 A 20041125; JP 3792233 B2 20060705; KR 20040096140 A 20041116; US 2004226552 A1 20041118

DOCDB simple family (application)  
**EP 03257459 A 20031126**; CN 200310116200 A 20031114; JP 2004101342 A 20040330; JP 2004101448 A 20040330; KR 20030028987 A 20030507; US 80401204 A 20040319