

Title (en)  
Window for apparatus having a high internal temperature

Title (de)  
Sichtfenster für ein Gerät mit erhöhter Innenraumtemperatur

Title (fr)  
Regard pour appareil à température interne élevée

Publication  
**EP 0563680 B1 19960918 (DE)**

Application  
**EP 93104310 A 19930317**

Priority  
DE 4209662 A 19920325

Abstract (en)  
[origin: EP0563680A2] In a window for ovens, in particular domestic baking ovens, with a window construction which consists of a number of panes (10, 28, 32), at least one (28) of the panes is inclined in relation to the other panes (10, 32). This results in a lower external surface temperature of the external pane (32), which faces away from the high-temperature oven interior (12), of the multi-pane arrangement. The frame (16, 34) of the multi-pane arrangement can additionally have openings (36) at the top and at the bottom in the region between the external pane (32) and the central pane (28). By combination with this measure, which makes possible a convection of the external air through the external pane interspace (arrows 38), a further reduction of the temperature of the external pane (32) can be achieved. This air convection can be increased by the inclined central pane (28) converging upwards in relation to the external pane (32). <IMAGE>

IPC 1-7  
**F24C 15/04**

IPC 8 full level  
**B62D 25/08** (2006.01); **B62D 33/06** (2006.01); **F24C 15/04** (2006.01)

CPC (source: EP)  
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