

Title (en)  
Simplified oven door with removable module

Title (de)  
Vereinfachte Ofentür mit abnehmbaren Modul

Title (fr)  
Porte de four simplifiée avec module amovible

Publication  
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Application  
**EP 96420094 A 19960320**

Priority  
FR 9503743 A 19950324

Abstract (en)  
The door (1) consists of a frame, an inner panel (5) and an outer panel (10), and has a ventilation system to create an air flow between the two panels to lower the temperature of the outer panel while the oven is in use. The inner panel is made from glass, and the outer one, which is detachable, is made from a plastic which is resistant to the temperatures encountered during cooking, preferably a polycarbonate moulded in one piece. The frame of the door comprises two lateral uprights (2) which fit over the edges of the inner panel, with the outer panel connected to the uprights by ball and socket fixings (4), the sockets being moulded as part of the outer panel and flexing to accommodate the balls. The ventilation is provided by apertures (13) in the upper edge of the outer panel to promote a natural convection between the panels.

Abstract (fr)  
La présente invention se rapporte au domaine des fours de cuisson. L'invention concerne une porte de four (1) de cuisson comprenant un cadre sur lequel sont montées une paroi interne (5) et une paroi externe (10), ladite porte comportant également des moyens de ventilation destinés à générer un flux d'air entre lesdites parois (5,10) de façon à diminuer la température de la paroi externe (10) au cours d'opérations de cuisson caractérisée en ce que la paroi interne (5) est en verre et la paroi externe (10) est amovible, et est réalisée avec un matériau plastique résistant à des températures compatibles avec tout mode de cuisson. <IMAGE>

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IPC 8 full level  
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**F24C 15/006** (2013.01 - EP US); **F24C 15/045** (2013.01 - EP US)

Citation (search report)  
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• [A] FR 2450422 A1 19800926 - RHONE FONDERIES ATEL  
• [A] US 3808391 A 19740430 - GRAFF D, et al

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