

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
EP 0735324 B1 20000712 (FR)

Application
EP 96420094 A 19960320

Priority
FR 9503743 A 19950324

Abstract (en)
[origin: EP0735324A1] 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.

IPC 1-7
F24C 15/04

IPC 8 full level
F24C 15/04 (2006.01)

CPC (source: EP US)
F24C 15/006 (2013.01 - EP US); **F24C 15/045** (2013.01 - EP US)

Cited by
EP2090831A1; FR2934671A1; EP1918645A1; DE10105543A1; EP1596135A3; ITTO20111175A1; EP3978809A1; DE10143926B4;
EP0900986A1; EP2159489A2

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ES 2148711 T3 20001016; FR 2732097 A1 19960927; FR 2732097 B1 19970523; GR 3034557 T3 20010131; US 5928540 A 19990727

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