

Title (en)  
Gas oven

Title (de)  
Gasofen

Title (fr)  
Four gaz

Publication  
**EP 1111309 B1 20040303 (FR)**

Application  
**EP 00403590 A 20001219**

Priority  
FR 9916399 A 19991223

Abstract (en)  
[origin: EP1111309A1] The gas oven consists of a liner (6) with a cavity bounded by walls (2, 3), and a bottom box (5) containing at least one burner (50). It has an intermediate plate (4) of sheet steel between the lower wall (3) of the liner and the bottom box, made with one or more rows of holes (41) in zones (40) corresponding to the lower wall zones (30) with holes (31). The dimensions of the two sets of holes and the distance between the zones containing the holes are determined so that the products of combustion from the burner pass through the holes without making contact with the lower wall of the liner. The holes in the intermediate plate are made in zones of trapezoid section projecting towards the lower wall of the liner.

IPC 1-7  
**F24C 3/08**

IPC 8 full level  
**F24C 3/08** (2006.01)

CPC (source: EP)  
**F24C 3/087** (2013.01)

Cited by  
EP2161503A3; WO2017097327A1; WO2018224158A1

Designated contracting state (EPC)  
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**EP 1111309 A1 20010627; EP 1111309 B1 20040303**; FR 2803023 A1 20010629; FR 2803023 B1 20020222

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