

Title (en)  
Oven with ventilated cavity

Title (de)  
Backofen mit belüftetem Raum

Title (fr)  
Four à cavité ventilée

Publication  
**EP 1746351 A3 20090715 (FR)**

Application  
**EP 06291162 A 20060718**

Priority  
FR 0507609 A 20050718

Abstract (en)  
[origin: EP1746351A2] The oven has a cavity (10) for receiving food to be cooked and/or heated. An air inlet unit (13) and an air outlet unit (14) communicate the cavity with an air circulation space. Trap doors (31, 32) are movable between closed and open positions. The trap door (31) is adapted, in a closed position, to deviate the flow of air in upstream of the unit (13). The trap door (32) is adapted, in a closed position, to isolate the unit (14) from the space.

IPC 8 full level  
**F24C 15/20** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP US)  
**F24C 7/02** (2013.01 - EP US); **F24C 15/2007** (2013.01 - EP); **H05B 6/642** (2013.01 - EP); **H05B 6/6485** (2013.01 - EP)

Citation (search report)

- [X] DE 29504477 U1 19950614 - WIESHEU WIWA GMBH [DE]
- [X] GB 515478 A 19391206 - JAMES LOWEBATE SMITH
- [Y] FR 2582783 A1 19861205 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 3931482 A1 19910404 - LICENTIA GMBH [DE]
- [A] EP 0463726 A2 19920102 - TOSHIBA KK [JP]
- [A] US 4332992 A 19820601 - LARSEN WALLACE L, et al
- [A] US 4369347 A 19830118 - SHIN YASUO [JP]
- [A] GB 2258126 A 19930127 - CREDA LTD [GB]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 006, no. 232 (M - 172) 18 November 1982 (1982-11-18)

Cited by  
CN106439981A; CN106482191A; CN106642252A; CN106705159A; CN106524258A; CN106524260A; CN106482192A; CN106642253A; CN106642254A; WO2016199395A1

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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