

Title (en)

Device for a heating oven provided with a door

Title (de)

Vorrichtung für einen mit einer Ofentür versehenen Erhitzungssofen

Title (fr)

Dispositif pour un four d' échauffement muni d'une porte

Publication

EP 1120607 A3 20020502 (DE)

Application

EP 01109741 A 20010420

Priority

DE 10019934 A 20000420

Abstract (en)

[origin: EP1120607A2] A kitchen oven (1) has a front-mounted outwards-opening hatch (8). The oven chamber interior has switch (18) operated extractor fan (5,5a) outlets (9,10). The switch and hatch are coupled such that the extractor fan operates for at least a brief period before the hatch is opened, and while the hatch is open, minimizing the escape of hot air and cooking emissions. The oven interior has preferred a number of interior exhaust outlets for hot air and vapors, including at least one in the immediate vicinity of the hatch. The switch (18) also regulates the suction power. During operation of the oven, the extractor in the immediate vicinity of the hatch rear face is in constant operation (5a).

IPC 1-7

F24C 15/20; **A21B 3/04**

IPC 8 full level

F24C 15/20 (2006.01)

CPC (source: EP)

F24C 15/025 (2013.01); **F24C 15/2007** (2013.01)

Citation (search report)

- [A] DE 3931482 A1 19910404 - LICENTIA GMBH [DE]
- [A] EP 0962708 A2 19991208 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 4021642 A 19770503 - FIELDS JR GEORGE
- [A] EP 0694741 A1 19960131 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 2705395 A1 19780810 - BOSCH SIEMENS HAUSGERAETE

Cited by

EP3081865A3; EP1619443A3; EP1821039A3; US7368684B2; CN100441960C; IT202200010253A1; WO2007125112A2; EP3091291A1; CN107535023A; US2018094820A1; AU2016260672B2; WO2007125112A3; US9777929B2; US10215421B2; US11137146B2; WO2016180684A1; WO2023223121A1

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