

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 B1 20060412 (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 8 full level

F24C 15/20 (2006.01); **A21B 3/04** (2006.01)

CPC (source: EP)

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

Citation (examination)

DE 8308713 U1 19830714

Cited by

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

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EP 1120607 A2 20010801; **EP 1120607 A3 20020502**; **EP 1120607 B1 20060412**; AT E323263 T1 20060415; DE 10019934 A1 20011031; DE 50109468 D1 20060524

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