

Title (en)
Baking oven

Title (de)
Backofen

Title (fr)
Four

Publication
EP 0731318 B1 19980923 (DE)

Application
EP 95103199 A 19950306

Priority
EP 95103199 A 19950306

Abstract (en)
[origin: EP0731318A1] Baking oven with pyrolytic self-cleaning has a muffle (3) and an oven door (8) with a window assembly (12) and an additional window (10) mounted in the door base (11). Between the window assembly (12) and the circumference of the windows (10) of the glass pane (9) facing outwards a flow barrier (18) is arranged. Pref. the flow barrier (18) consists of air baffle plates which guide the air through a lower air inlet opening (19) in the door base (11) to an upper air outlet opening (20). This injector effect is supported by a cooling air blower (5). Thus the window is separated from the convective flow area and warms up quickly, preventing condensation during pyrolytic cleaning.

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F24C 15/04

IPC 8 full level
F24C 15/00 (2006.01); **F24C 15/04** (2006.01)

CPC (source: EP)
F24C 15/006 (2013.01); **F24C 15/04** (2013.01)

Cited by
EP0857918A1; EP0900984A1; EP1382913A1; KR20160015916A; CN107692861A; EP2278227A3; WO2005017413A1; WO0169137A1; US6601575B2; WO2023249234A1; EP2369240B1

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