

Title (en)
Cooking oven

Title (de)
Backofen

Title (fr)
Fuir de cuisson

Publication
EP 0752561 B1 19991229 (DE)

Application
EP 96108002 A 19960520

Priority
DE 19524369 A 19950704

Abstract (en)
[origin: EP0752561A1] The oven (3) is heated by electric tubular elements (6) and enclosed in an outer casing (1) together with a cooling fan (23) which expels air from the duct (25) downwards across the outer door (13). Air and vapour within the oven are circulated by a fan (8) mounted on the rear wall behind a screen (7) and driven by a motor (9). The constriction introduced by a deflector (31) creates a suction effect drawing vapour through a heat-resistant plastic tube (27) across the cavity (14) between the doors. The mouth (29) of the tube opens into the air duct below the deflector which is aerodynamically shaped to ensure vortex-free flow.

IPC 1-7
F24C 15/00; **F24C 15/02**

IPC 8 full level
F24C 15/00 (2006.01); **F24C 15/02** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)
F24C 15/006 (2013.01); **F24C 15/024** (2013.01); **F24C 15/32** (2013.01)

Cited by
DE10047016B4; RU2505750C1; EP1050718A3; ES2155002A1; EP2444737A1; FR2906874A1; EP1936281A3; EP2416072A1; GB2330899A; GB2330899B; EP0947776A3; EP0926449A1; US6070517A; AU739223B2; FR2906872A1; EP1653156A1; EP1640666A4; FR2906875A1; EP2741013A1; FR2906873A1; EP1586821A1; EP1783432A1; EP1930662A3; CN107514659A; US6904904B2; EP0947776A2; US7431029B2; WO2008080953A3; WO9947861A1; WO2011076657A2; EP2390581A1; DE102010017126A1; WO2011076657A3; WO2007029172A3; WO2021088771A1

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