

Title (en)
FORCED CONVECTION GAS OVEN

Title (de)
GASOFEN MIT ERZWUNGENER KONVEKTION

Title (fr)
FOUR A GAZ A CONVEXION FORCEEE

Publication
EP 1412678 B1 20060301 (FR)

Application
EP 02774849 A 20020729

Priority
• FR 0202708 W 20020729
• FR 0110414 A 20010731

Abstract (en)
[origin: US2004187857A1] The invention concerns a forced convection gas oven wherein a globally parallelepiped muffle chamber (1) contains a centrifugal convection turbine (9) driven by a motor (10) and arranged adjacent to the centre of the rear peripheral wall (7). A gas burner (14) is arranged coaxially upstream of the turbine, the assembly being surrounded by a mechanical protection grid (22). The gas burner (14) is annular in shape and is oriented towards the centre of the convection turbine (9). The oven is thus provided both with a better performance and a better distribution of cooking heat.

IPC 8 full level
F24C 15/32 (2006.01)

CPC (source: EP US)
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Cited by
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US 2004187857 A1 20040930; US 7100596 B2 20060905; AT E319049 T1 20060315; DE 60209522 D1 20060427; DE 60209522 T2 20070111; EP 1412678 A1 20040428; EP 1412678 B1 20060301; ES 2259720 T3 20061016; FR 2828268 A1 20030207; FR 2828268 B1 20060224; WO 03012343 A1 20030213

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