

Title (en)
DIRECT CONVECTION OVEN

Title (de)
DIREKTKONVEKTIONSOFEN

Title (fr)
FOUR A CONVEXION DIRECTE

Publication
EP 1412677 A1 20040428 (FR)

Application
EP 02774848 A 20020729

Priority
• FR 0202707 W 20020729
• FR 0110415 A 20010731

Abstract (en)
[origin: US7044122B2] The invention concerns an oven wherein a globally parallelepiped muffle chamber (1) contains a centrifugal convection turbine (9) driven by a motor (10) and arranged adjacent to the center of the rear peripheral wall (7). Annular electrical resistors (12, 13) are placed at the periphery of the turbine, the assembly being surrounded by a mechanical protection grid (22). The convection turbine (9) and the heating means (12, 13) are placed in the muffle chamber (1) communicating directly with the cooking volume (81), without separating wall countering the air flow. The oven is thus provided both with self-cleaning effect and a better cooking heat distribution in the oven.

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F24C 15/32

IPC 8 full level
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