

Title (en)  
DIRECT CONVECTION OVEN

Title (de)  
DIREKTKONVEKTIONSOFEN

Title (fr)  
FOUR A CONVEXION DIRECTE

Publication  
**EP 1412677 B1 20080813 (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.

IPC 8 full level  
**F24C 15/32** (2006.01)

CPC (source: EP US)  
**F24C 15/322** (2013.01 - EP US); **F24C 15/325** (2013.01 - EP US)

Citation (examination)  
• US 4648377 A 19870310 - VAN CAMP RICHARD H [US]  
• GB 1417199 A 19751210 - BAUKNECHT GMBH G

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DOCDB simple family (publication)  
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