

Title (en)  
Microwave oven with radiant heating element

Title (de)  
Mikrowellenofen mit Strahlungsheizelement

Title (fr)  
Four à micro-ondes avec élément de chauffage à rayonnement

Publication  
**EP 1058483 A1 20001206 (EN)**

Application  
**EP 99308444 A 19991026**

Priority  
KR 19990019601 A 19990529

Abstract (en)  
A microwave oven has a radiant heating element (139) in its cooking chamber (101). The heating element (139) can be pivoted between a horizontal position above a turntable (138) and a vertical position to one side of the turntable (138). The horizontal position is used for grilling and the vertical position is used for fan-assisted convection heating. A shield (150) is mounted to the heating element (139) so that infrared radiation is not radiated directly to food (F) on the turntable (138) when fan-assisted convection heating is taking place.

IPC 1-7  
**H05B 6/80**; **F24C 7/06**

IPC 8 full level  
**F24C 7/02** (2006.01); **F24C 7/06** (2006.01); **H05B 6/64** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP KR)  
**F24C 7/02** (2013.01 - KR); **F24C 7/06** (2013.01 - EP); **H05B 6/6485** (2013.01 - EP); **H05B 6/766** (2013.01 - EP)

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