

Title (en)

Microwave oven comprising a pivotable radiant heater

Title (de)

Mikrowellenofen versehen mit einem schwenkbarem Heizstrahler

Title (fr)

Four à micro-ondes avec dispositif de chauffage rayonnant pivotant

Publication

**EP 1635616 B1 20071205 (EN)**

Application

**EP 04021740 A 20040913**

Priority

EP 04021740 A 20040913

Abstract (en)

[origin: EP1635616A1] The present invention relates to a microwave oven. According to the present invention, a fixed heater 41 is installed on a ceiling of a cavity 31 of a microwave oven, and a pivotable heater 43 is installed to pivot upward and downward on its lower end in the cavity 31. When the pivotable heater 43 has been pivoted downward on its lower end, a grill 45 on which an object to be heated is seated is horizontally installed between a lower surface of the fixed heater 41 and an upper surface of the pivotable heater 43. A microswitch 51, which will be pushed by the grill 45 and thus generate an actuating signal for pivoting the pivotable heater 43, is installed on a side surface of the cavity 31. According to the present invention, since the fixed and pivotable heaters 41 and 43 heat upper and lower surfaces of the object, respectively, and the pivotable heater 43 is pivoted according to whether the grill 45 is mounted or detached, it is possible to cook the object faster and more conveniently.

IPC 8 full level

**H05B 6/80** (2006.01)

CPC (source: EP)

**H05B 6/6482** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1635616 A1 20060315; EP 1635616 B1 20071205; DE 602004010510 D1 20080117; DE 602004010510 T2 20081106**

DOCDB simple family (application)

**EP 04021740 A 20040913; DE 602004010510 T 20040913**