

Title (en)

Heating apparatus with temperature sensor comprising infrared sensing elements

Title (de)

Heizvorrichtung, versehen mit einer Temperaturerfassung, welche Infraroterfassungselemente einschliesst

Title (fr)

Appareil de chauffage possédant un détecteur de température comprenant des éléments détectant l'infrarouge

Publication

**EP 1126748 B1 20100714 (EN)**

Application

**EP 01301244 A 20010214**

Priority

- JP 2000034962 A 20000214
- JP 2000044449 A 20000222

Abstract (en)

[origin: EP1126748A2] A heating apparatus such as a microwave oven includes a generally rectangular box-shaped cooking chamber (4) in which food (11) to be cooked is accommodated, a magnetron (12) supplying microwaves into the cooking chamber (4) so that the food (11) is heated, and a temperature sensor (14) including a plurality of infrared sensing elements (19) and disposed on an upper portion of the cooking chamber (4) so as to be away from two center lines (A1, A2) passing centers of two pairs of opposite sides (4a, 4b; 4c, 4d) of the cooking chamber (4) as viewed from above, whereupon the temperature sensor (14) detects temperatures at a plurality of locations (23a) in the cooking chamber (4) respectively.  
<IMAGE>

IPC 8 full level

**H05B 6/80** (2006.01)

CPC (source: EP)

**H05B 6/6411** (2013.01); **H05B 6/6455** (2013.01)

Cited by

CN112689346A; DE102019213485A1; CN116234483A; CN114041694A; CN109374090A; CN109357730A; EP4391725A1; DE102005046716B4

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