

Title (en)

Device for automatically controlling food preparation in a microwave oven.

Title (de)

Gerät zur automatischen Kontrolle der Lebensmittelzubereitung in einem Mikrowellenofen.

Title (fr)

Dispositif pour contrôler automatiquement la préparation d'aliments dans un four à micro-ondes.

Publication

EP 0361586 A2 19900404 (EN)

Application

EP 89202345 A 19890918

Priority

IT 2191588 U 19880923

Abstract (en)

A device for automatically controlling the preparation of a food (9) in a microwave oven, comprising at least one temperature sensor means (12) connected to a microprocessor (16) arranged to act on the microwave generator (2) so as to halt it or at least vary its power during operation, the device being characterised in that the sensor means (12) is disposed in heat conducting relationship with a metal element (10) which is constructed of a good temperature-conducting but microwave-impermeable material and is housed in a support (8) for, and in contact with, the food (9).

IPC 1-7

H05B 6/68; **H05B 6/80**

IPC 8 full level

F24C 7/02 (2006.01); **A23B 4/06** (2006.01); **A23L 1/00** (2006.01); **A23L 5/10** (2016.01); **F24C 7/08** (2006.01); **H05B 6/68** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)

H05B 6/6452 (2013.01)

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0361586 A2 19900404; **EP 0361586 A3 19910828**; AU 4167889 A 19900329; AU 627497 B2 19920827; IT 215282 Z2 19900911; IT 8821915 V0 19880923; JP H02223732 A 19900906

DOCDB simple family (application)

EP 89202345 A 19890918; AU 4167889 A 19890925; IT 2191588 U 19880923; JP 24359089 A 19890921