

Title (en)  
Heating apparatus.

Title (de)  
Heizgerät.

Title (fr)  
Appareil de chauffage.

Publication  
**EP 0503898 A1 19920916 (EN)**

Application  
**EP 92302032 A 19920310**

Priority  
JP 7693991 A 19910315

Abstract (en)  
A heating apparatus such as microwave ovens includes an electric heater (15), a magnetron (16), a thermistor (8) sensing the atmospheric temperature in a cooking chamber (6) and generating a voltage signal and a control device including CPU (11). The voltage signal is read from the thermistor (8) by the control device at predetermined intervals in the condition that both of the electric heater (15) and the magnetron (16) are deenergized. A read temperature corresponding to the read voltage signal is stored in a first memory (14a). When the difference between the temperature stored in the first memory (14a) and the temperature read by the control device is within a predetermined range, the temperature read by the control device is stored in a second memory (14b). Heating constants set by a user are compensated for based on the read temperature stored in the second memory (14b). The control device controls the output of the magnetron (16) based on the compensated heating constants.  
<IMAGE>

IPC 1-7  
**H05B 6/68**

IPC 8 full level  
**F24C 7/02** (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP KR)  
**F24C 7/02** (2013.01 - KR); **H05B 6/645** (2013.01 - EP); **H05B 6/6482** (2013.01 - EP); **H05B 6/68** (2013.01 - KR); **H05B 6/687** (2013.01 - EP)

Citation (search report)  
• [A] GB 2200805 A 19880810 - SHARP KK  
• [A] EP 0394009 A2 19901024 - MATSUSHITA ELECTRONICS CORP [JP]  
• [A] EP 0274904 A1 19880720 - SHARP KK [JP]  
• [A] EP 0213442 A1 19870311 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by  
EP2053315A3; CN103175237A; EP2587168A1; ES2127064A1; US7405610B2; US6249710B1; US8883234B2; WO9966767A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0503898 A1 19920916; EP 0503898 B1 19941228**; DE 69200979 D1 19950209; DE 69200979 T2 19950629; JP 2911245 B2 19990623; JP H04288414 A 19921013; KR 920018410 A 19921022; KR 960001675 B1 19960203

DOCDB simple family (application)  
**EP 92302032 A 19920310**; DE 69200979 T 19920310; JP 7693991 A 19910315; KR 920004099 A 19920312