Title (en)

Method for controlling a microwave oven, microwave oven and its use for cooking or heating food in accordance with the method

Title (de)

Verfahren zur Regelung eines Mikrowellenofens, Mikrowellenofen und seine Anwendung für Kochen oder Wärmung von Essen gemäss dem Verfahren

Title (fr)

Méthode pour régler un four à micro-ondes, four à micro-ondes et son usage pour cuir ou chauffer l'alimentation selon la méthode

Publication

EP 0688147 B1 20020327 (EN)

Application

EP 95107196 A 19950512

Priority

SE 9402062 A 19940613

Abstract (en)

[origin: EP0688147A1] A method for controlling a microwave oven, a microwave oven and its use for automatic cooking or heating of food are disclosed. On the basis of supplied food-category information on the type of food and its initial state and on the basis of supplied information on the weight of the food, a corresponding preprogrammed control program is selected. The control program is divided into time periods during which the microwave radiation source (20) of the oven, a microwave-activable crisp plate (4) and a grill element, if any, are activated at power levels determined by the program. The implementation of the program is monitored by calculation and decrementation of the expected durations of the time periods on the basis of the weight of the food and the constants determined by the food category. <IMAGE>

IPC 1-7

H05B 6/68

IPC 8 full level

H05B 11/00 (2006.01); **F24C 7/02** (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP KR)

H05B 6/6411 (2013.01 - EP); **H05B 6/6482** (2013.01 - EP); **H05B 6/68** (2013.01 - KR)

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Designated contracting state (EPC)

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EP 0688147 A1 19951220; **EP 0688147 B1 20020327**; CA 2145931 A1 19951214; CN 1093242 C 20021023; CN 1122892 A 19960522; DE 69525990 D1 20020502; DE 69525990 T2 20021002; JP H07332678 A 19951222; KR 100339949 B1 20021031; KR 960003503 A 19960126; SE 502883 C2 19960212; SE 9402062 D0 19940613; SE 9402062 L 19951214

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