

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 zum Steuern eines Mikrowellenofens, Mikrowellenofen und seine Verwendung zum Kochen oder Erwärmen eines Nahrungsmittels nach diesem Verfahren

Title (fr)

Procédé de commande d'un four à micro-ondes, four à micro-ondes et son utilisation pour la cuisson ou le chauffage d'aliments selon ce procédé

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Application

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Abstract (en)

A method for controlling a microwave oven, a microwave oven and its use for automatic cooking or heating of food are disclosed. Food-category information, which is based on the type of food and its initial state, is supplied to the oven for the selection of a corresponding preprogrammed control program. The control program is divided into time periods, during which the microwave radiation source 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 one or more sensors for sensing humidity emission or other substance emission from the food and/or the temperature of the food. <IMAGE>

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Cited by

EP2092827A1; EP1767860A1; CN102812298A; EP3491295A4; FR2773872A1; US6078034A; AU2009214403B2; EP0817533A1; US5889264A; ES2351828A1; EP3476183A4; WO2009100805A1; US8525082B2; WO2018018125A1; US11497090B2

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