

Title (en)

DETECTING A STANDSTILL OF A ROTATABLE MICROWAVE DISTRIBUTION DEVICE

Title (de)

ERKENNEN EINES STILLSTANDS EINER DREHBAREN MIKROWELLENVERTEILVORRICHTUNG

Title (fr)

DÉTECTION D'UN ARRÊT D'UN DISPOSITIF ROTATIF DE DISTRIBUTION DE MICRO-ONDES

Publication

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Application

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Abstract (en)

[origin: WO2021069227A1] The invention relates to a method which is used to detect a standstill of a rotatable microwave distribution device (8) of a domestic microwave appliance (1), wherein, during a feed of microwaves (MW) into a cooking chamber (2) of the domestic microwave appliance (1), at least one microwave leakage radiation (LS) is monitored for fluctuations (Max1, Min, Max2) that recur according to angle and, if an absence of such fluctuations (Max1, Min, Max2) is detected, at least one action is triggered. A domestic microwave appliance (1) comprises: a cooking chamber (2); a microwave generator (5) for producing microwaves (MW); at least one rotatable microwave distribution device (8) for varying a field distribution of microwaves (MW) that are fed into the cooking chamber (2); at least one leakage radiation measurement device (11) for measuring microwave leakage radiation (LS); and a data processing device (10), which is designed to carry out the method. The invention can be advantageously applied, in particular, to microwave cooking appliances, in particular to ovens having a microwave function.

IPC 8 full level

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