

Title (en)

METHOD FOR SELF-TESTING AND CHECKING CERTAIN FUNCTIONS OF A COOKING APPLIANCE

Title (de)

VERFAHREN ZUM SELBSTTEST UND ÜBERPRÜFEN BESTIMMTER FUNKTIONEN EINES GÄRGERÄTS

Title (fr)

PROCÉDÉ POUR L'AUTOTEST ET LE CONTRÔLE DE FONCTIONS DÉTERMINÉES D'UN APPAREIL DE CUISSON

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Application

EP 14784433 A 20141014

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Abstract (en)

[origin: WO2015055606A2] The invention relates to a method for self-testing and checking certain functions of a cooking appliance (1) in the form of a hot-air oven, a steamer, or a combination of both, namely a combi-steamer, which combo-steamer has a cooking compartment (6), which can be closed off by way of a cooking compartment door (7), and a plurality of actuators, like pumps, at least one heating device (31), at least one steam injection device, at least one flow generating device (29) such as a blower, flaps and/or valves and temperature sensors (35, 43), and an appliance control unit, characterized in that by means of the temperature sensors (35, 43) of the cooking appliance, the efficiency of the actuators of the cooking appliance is checked such that the detected temperatures and temperature profiles are compared to reference temperature values, or reference temperature profiles to be expected during the operation of the respective actuator, and which are stored in the appliance control unit. If the detected value matches the corresponding reference value, the function of the corresponding actuator, or if the detected value deviates from the corresponding reference value, the malfunction of the corresponding actuator, is determined by the appliance control unit and is displayed, stored, and/or is transmitted for evaluation, wherein at the beginning of each detection, the cooking appliance is in a defined initial state.

IPC 8 full level

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Cited by

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