

Title (en)

METHOD FOR DETERMINING THE TIME FOR CLEANING A COOKING CHAMBER OF A COOKING APPLIANCE

Title (de)

VERFAHREN ZUR BESTIMMUNG DES ZEITPUNKTES FÜR DIE REINIGUNG EINES GARRAUMS EINES GARGERÄTS

Title (fr)

PROCÉDÉ DE DÉTERMINATION DU TEMPS DE NETTOYAGE D'UNE CHAMBRE DE CUISSON D'UN APPAREIL DE CUISSON

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Application

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Abstract (en)

[origin: WO2022078839A1] The present invention relates to a method for determining the time for the cleaning of a cooking chamber (6) of a cooking appliance (30), in which camera images (32) of a camera (8) directed into the cooking chamber (6) are fed to an evaluation electronics (40) which, on the basis of the camera images (32), determines the level of soiling of the cooking chamber (6) by means of a software-assisted image analysis. According to the invention, to determine the correct time for the cleaning of the cooking chamber (6) with improved accuracy, the necessity of cleaning is determined on the basis of a plurality of camera images (32), specifically the brightness values (60) of a plurality or all of the pixels of the camera images (32), by means of an averaging (70) by means of a metric and subsequent limit value formation (80) or by means of a limit value formation (80) and subsequent averaging (70) by means of a metric.

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