

Title (en)

HOUSEHOLD APPARATUS AND METHOD FOR SAID HOUSEHOLD APPARATUS WITH AUTOMATIC MATERIAL RECOGNITION

Title (de)

HAUSHALTSGERÄT UND VERFAHREN FÜR DAS HAUSHALTSGERÄT MIT AUTOMATISCHER MATERIALERKENNUNG

Title (fr)

APPAREIL DOMESTIQUE ET PROCÉDÉ POUR APPAREIL DOMESTIQUE AVEC RECONNAISSANCE AUTOMATIQUE DE MATÉRIAU

Publication

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Application

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Abstract (en)

[origin: WO2018095732A1] The invention relates to a domestic appliance (10) for drying objects (20) to be dried which can be arranged in the domestic appliance (10) in a regulated manner. The domestic appliance (10) has the following: a container (14) for receiving the objects (20) to be dried and at least one air line (36) which is fluidically connected to the container (14), wherein an airflow (30) flows through the air line (36) and through the container (14), and at least one sensor (32) is arranged in the airflow (30) in order to detect at least two physical variables selected from the group consisting of an absolute water load x, an air temperature T, an air pressure, or another physical variable which is connected to the regulated drying process. The at least one sensor (32) is connected to an analysis unit (24, 24') which is configured to receive and analyze the at least two physical variables from the at least one sensor (32) and transmit the physical variables and/or the analyzed physical variables to a control unit (22) in order to carry out the drying process in a regulated manner. The invention additionally relates to a method for drying objects (20) in a domestic appliance (10) in a regulated manner.

IPC 8 full level

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