

Title (en)

DETERMINING A TARGET PROCESSING STATE OF A COOKING PRODUCT TO BE TREATED

Title (de)

BESTIMMEN EINES ZIEL-VERARBEITUNGSZUSTANDS EINES ZU BEHANDELNDEN GARGUTS

Title (fr)

DÉTERMINATION D'UN ÉTAT DE TRAITEMENT CIBLE D'UN PRODUIT À CUIRE DEVANT ÊTRE TRAITÉ

Publication

**EP 4051962 A1 20220907 (DE)**

Application

**EP 20793674 A 20201020**

Priority

- DE 102019216682 A 20191029
- EP 2020079485 W 20201020

Abstract (en)

[origin: WO2021083738A1] The invention relates to a method (S0-S6, S13) which is used to determine a target processing state of at least one cooking product (B) to be treated by means of a cooking device (1). According to the method, a user is provided a set of images of the cooking product (B) in different processing states for selection, respective measurement signatures are stored for each image, and if a user selects one of the images, the cooking device (1) assumes (S4) the measurement signature corresponding to the selected image as the target measurement signature. Another method (S0-S22) is used to operate a cooking device (1), wherein a cooking process is carried out until a target processing state assumed by means of the method for determining the target processing state is reached (S7, S8, S10). The cooking device (1) has a cooking chamber (4), at least one sensor (4) connected to the cooking chamber (4), and a data processing device (7), and the cooking device is designed to carry out the method (S0-S22). The invention can be advantageously used in particular on baking ovens with at least one cooking chamber camera, in particular in order to determine or select the degree of browning of the cooking product.

IPC 8 full level

**F24C 7/08** (2006.01)

CPC (source: CN EP US)

**A47J 36/321** (2018.07 - US); **A47J 37/0623** (2013.01 - CN); **A47J 37/0664** (2013.01 - CN); **F24C 7/02** (2013.01 - CN); **F24C 7/081** (2013.01 - CN); **F24C 7/085** (2013.01 - EP); **G06V 20/68** (2022.01 - US); **H05B 6/6447** (2013.01 - US)

Citation (search report)

See references of WO 2021083738A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102019216682 A1 20210429**; CN 114641226 A 20220617; EP 4051962 A1 20220907; US 2024107638 A1 20240328; WO 2021083738 A1 20210506

DOCDB simple family (application)

**DE 102019216682 A 20191029**; CN 202080075553 A 20201020; EP 2020079485 W 20201020; EP 20793674 A 20201020; US 202017768496 A 20201020