

Title (en)

SMART FOOD PREPARATION APPARATUS WITH ILLUMINATION

Title (de)

INTELLIGENTE LEBENSMITTELBZUBEREITUNGSVORRICHTUNG MIT BELEUCHTUNG

Title (fr)

APPAREIL INTELLIGENT DE PRÉPARATION DES ALIMENTS AVEC ÉCLAIRAGE

Publication

EP 4067750 A1 20221005 (EN)

Application

EP 21182974 A 20210630

Priority

CN 2021085034 W 20210401

Abstract (en)

A food preparation apparatus (10) is disclosed comprising a food preparation chamber (20) having a food support area (22) for supporting food (1) to be prepared and a light transmissive body (30) providing a view of said food support area. The food preparation apparatus further comprises a lighting arrangement comprising at least one light source (40) arranged to illuminate said food support area and a baffle (50) arranged proximal to the at least one light source arranged to prevent light generated by the at least one light source from exiting the food preparation apparatus through certain regions of the light transmissive body such as to prevent interference of said light with a camera (100) when said camera is positioned relative to said light transmissive body in order to capture an image of the food on said food support area through said light transmissive body.

IPC 8 full level

F24C 7/08 (2006.01); **F24C 15/00** (2006.01)

CPC (source: EP)

F24C 7/085 (2013.01); **F24C 15/008** (2013.01)

Citation (applicant)

US 10440245 B1 20191008 - JOHNSON ERIC SCOTT [US], et al

Citation (search report)

- [Y] DE 102009027890 A1 20110127 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [XDI] US 10440245 B1 20191008 - JOHNSON ERIC SCOTT [US], et al
- [Y] EP 0271726 A2 19880622 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] FR 2474654 A1 19810731 - RHONE FONDERIES ATEL [FR]
- [Y] US 2016366314 A1 20161215 - PFAFFINGER JR ROBERT CHARLES [US], et al

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

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