

Title (en)  
IN-OVEN CAMERA AND COMPUTER VISION SYSTEMS AND METHODS

Title (de)  
KAMERA IN EINEM OFEN UND COMPUTERSICHTSYSTEME UND VERFAHREN

Title (fr)  
CAMÉRA DANS UN FOUR ET SYSTÈMES ET PROCÉDÉS DE VISION ARTIFICIELLE

Publication  
**EP 3821682 A4 20220316 (EN)**

Application  
**EP 19833809 A 20190708**

Priority  
• US 201816030858 A 20180709  
• US 2019040885 W 20190708

Abstract (en)  
[origin: WO2020014159A1] Systems and methods include a cooking appliance comprising a heating element disposed within a cooking chamber to selectively emit waves at any of a plurality of powers and/or peak wavelengths, a camera to capture an image of the cooking chamber, and a computing device to supply power to the heating element to vary the power and/or peak wavelength of the emitted waves and generate heat within the cooking chamber, and instruct the camera to capture the image when the heating element is emitting at a stabilized power and/or peak wavelength. The computing device is operable to generate an adjusted captured image by adjusting the captured image with respect to the stabilized power and/or peak wavelength. The computing device comprises feedback components to receive the adjusted captured image, extract features, and analyze the one or more features to determine an event, property, measurement and/or status.

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [X] US 2017074522 A1 20170316 - CHENG SHIH-YU [US]  
• [X] US 2017223774 A1 20170803 - CHENG SHIH-YU [US], et al  
• [X] WO 2018026846 A1 20180208 - BRAVA HOME INC [US]  
• [A] WO 2010102261 A1 20100910 - PRESSCO TECH INC [US], et al  
• [A] US 2011002677 A1 20110106 - COCHRAN DON W [US], et al  
• See references of WO 2020014159A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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