

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0179811 A1 Ge et al.

May 30, 2024 (43) **Pub. Date:**

(54) COOKING ASSEMBLY FOR A MICROWAVE

(71) Applicant: WHIRLPOOL CORPORATION, BENTON HARBOR, MI (US)

Inventors: Lin Ge, Shenzhen (CN); Jianan Hu, Foshan (CN); Xin Li, Shenzhen (CN);

Ping Wu, Shenzhen (CN); Jingjing

Tong, Foshan (CN)

Assignee: WHIRLPOOL CORPORATION,

BENTON HARBOR, MI (US)

(21) Appl. No.: 18/284,493

(22) PCT Filed: Apr. 13, 2021

(86) PCT No.: PCT/CN2021/086944

§ 371 (c)(1),

(2) Date: Sep. 27, 2023

Publication Classification

(51) Int. Cl. H05B 6/64 (2006.01)F24C 15/00 (2006.01)F24C 15/16 (2006.01)

(52) U.S. Cl. CPC

H05B 6/647 (2013.01); F24C 15/005 (2013.01); F24C 15/166 (2013.01)

(57)**ABSTRACT**

A compact appliance includes a housing that has a planar bottom surface and sidewalls that define a cavity. A cooking assembly is operably coupled to the housing. The cooking assembly includes heat conductors that are proximate to the planar bottom surface of the housing. A heating plate is operably coupled to the heat conductors and define a portion of the planar bottom surface of the housing. A seal is disposed around and coupled to the heating plate. A tray is selectively disposed within the cavity defined by the housing and removably coupled to the heating plate. The tray includes a ceramic coating.

