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Polvara et al.(10) **Pub. No.: US 2024/0237162 A1**(43) **Pub. Date: Jul. 11, 2024**(54) **ADJUSTABLE DOOR HOOK ASSEMBLY**(52) **U.S. Cl.**(71) Applicant: **WHIRLPOOL CORPORATION,**
BENTON HARBOR, MI (US)CPC **H05B 6/6417** (2013.01); **F24C 15/022**
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A cooking appliance includes an outer housing defining a receiving opening and an interlock system disposed within the outer housing proximate to the interlock opening. The interlock system includes a rotating cam and an interlock switch. A door assembly is operably coupled to the outer housing. The door assembly includes an inner panel defining an access aperture and a base operably coupled to the inner panel. The base defines an upper opening. The door assembly also includes a door hook disposed in the upper opening of the base and an adjustment assembly operably coupled to the door hook. The adjustment assembly is configured to linearly translate the door hook relative to the inner panel to adjust a position of the door hook. The position of the door hook adjusts an engagement between the door hook and the interlock system.

