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(57) **ABSTRACT**

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An induction heating type cooktop can include an upper plate configured to support an object to be heated, an intermediate heating element overlapping with the upper plate, a plurality of working coils configured to generate magnetic fields that pass through at least one of the object or the intermediate heating element, and a resonance capacitor configured to resonate with one or more of the plurality of working coils. Also, the induction heating type cooktop can include an inverter configured to apply current to at least one of the plurality of working coils and a switch configured to selectively connect at least one of the plurality of working coils to the inverter.

(30) **Foreign Application Priority Data**

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