

Title (en)
THERMAL COOKING DEVICE

Title (de)
THERMISCHE KOCHVORRICHTUNG

Title (fr)
DISPOSITIF DE CUISSON THERMIQUE

Publication
EP 3428538 B1 20211215 (EN)

Application
EP 17762711 A 20170119

Priority
• JP 2016046201 A 20160309
• JP 2017001644 W 20170119

Abstract (en)
[origin: EP3428538A1] A thermal cooking device according to the present disclosure includes: a heating compartment in which a cooking object is heated; a plane heater provided above a ceiling wall of the heating compartment, the plane heater being one heat source formed of an inner heater disposed right above a central portion of the ceiling wall, and an outer heater surrounding the inner heater; and a controller that controls the inner heater and the outer heater of the plane heater. In the thermal cooking device, a total of respective maximum heater outputs of the inner heater and the outer heater exceeds rated power of the thermal cooking device. The controller variably controls, in a stepless manner, power that is input to at least one of the inner heater or the outer heater to prevent a total of respective heater outputs of the inner heater and the outer heater from exceeding the rated power of the thermal cooking device.

IPC 8 full level
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CPC (source: EP)
F24C 7/087 (2013.01); **H05B 1/0263** (2013.01); **F24C 7/067** (2013.01)

Citation (examination)
• US 2013213951 A1 20130822 - BOEDICKER STEPHEN [US], et al
• JP S63127029 A 19880530 - MATSUSHITA ELECTRIC IND CO LTD
• JP H03103206 A 19910430 - SANYO ELECTRIC CO, et al

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DOCDB simple family (application)
EP 17762711 A 20170119; CN 201780014264 A 20170119; HK 18114931 A 20181122; JP 2016046201 A 20160309; JP 2017001644 W 20170119; TW 106101366 A 20170116