

Title (en)

A COOKING DEVICE AND AN OPERATION METHOD THEREOF

Title (de)

KOCHVORRICHTUNG UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE CUISSON ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

**EP 3425286 B1 20201125 (EN)**

Application

**EP 18181205 A 20180702**

Priority

TR 201710035 A 20170707

Abstract (en)

[origin: EP3425286A1] The cooking device developed by the present invention comprises a top wall (1); a bottom wall (2) provided opposite to the top wall (1); the first side wall (3); the second side wall (4) provided opposite to the first side wall (3); the rear wall (5); the cooking compartment formed by these walls; the placement opening (6) which enables to place food to the cooking compartment; the holding member (7); the opening (5a) provided at the rear wall (5a); the baffle (15) which closes the opening (5a) and on which the first hole (15a) is provided; the air duct (10) provided such that an air circulation space is formed between the duct and the first side wall (3), the rear wall (5) and the second side wall (4); the fan (F1) which draws the air inside the cooking compartment via the first hole (15a); the second fan (F2) which draws the air inside the cooking compartment via the first hole (15a); the movement arrangement enabling rotational movement of the first fan (F1) and the second fan (F2); the guidance element (9) guiding the air drawn by the fans to the air circulation space; the heater (12) which heats the air drawn by the fans; the thermometer measuring temperature of the cooking compartment; the control unit which arranges operation of the fans and the heaters (12); and the second holes (8) which provide the air drawn by the fans to return to the cooking compartment.

IPC 8 full level

**F24C 15/32** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP)

**F24C 7/085** (2013.01); **F24C 15/325** (2013.01)

Citation (examination)

- US 5816234 A 19981006 - VASAN LAXMINARASIMHAN [US]
- WO 2016129914 A1 20160818 - LG ELECTRONICS INC [KR]
- US 3118436 A 19640121 - KEATING RICHARD T

Cited by

EP4006420A4; US11480343B2; US11774112B2

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