

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 A1 20190109 (EN)

Application
EP 18181205 A 20180702

Priority
TR 201710035 A 20170707

Abstract (en)
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 (applicant)
WO 2013050546 A1 20130411 - ARCELIK AS [TR], et al

Citation (search report)

- [XAY] WO 2008105581 A1 20080904 - LG ELECTRONICS INC [KR], et al
- [Y] EP 2527745 A1 20121128 - PANASONIC CORP [JP]
- [YA] DE 20314818 U1 20040609 - RATIONAL AG [DE]
- [A] EP 0043959 A2 19820120 - NIRO PLAN AG [CH]
- [Y] WO 8401266 A1 19840412 - PRO TECH AB [SE]
- [A] EP 0062231 A1 19821013 - RUHRGAS AG [DE]
- [YA] DE 8703666 U1 19870430
- [Y] DE 69917525 T2 20050623 - MERLONI ELECTROMENAGER THIONVI [FR]

Cited by
EP4006420A4; US11480343B2; US11774112B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3425286 A1 20190109; EP 3425286 B1 20201125; ES 2843773 T3 20210720; PL 3425286 T3 20210614; TR 201710035 A2 20190121

DOCDB simple family (application)
EP 18181205 A 20180702; ES 18181205 T 20180702; PL 18181205 T 20180702; TR 201710035 A 20170707