

Title (en)

COOKING APPLIANCE HAVING THERMAL DECOMPOSITION FUNCTION

Title (de)

KOCHVORRICHTUNG MIT FUNKTION ZUR THERMISCHEN ZERSETZUNG

Title (fr)

APPAREIL DE CUISSON PRÉSENTANT UNE FONCTION DE DÉCOMPOSITION THERMIQUE

Publication

**EP 2921780 A4 20161221 (EN)**

Application

**EP 13855099 A 20131001**

Priority

- KR 20120129222 A 20121115
- KR 2013008770 W 20131001

Abstract (en)

[origin: US2015090247A1] The cooking device with pyrolysis function includes a cooking cavity, a heating means located within the cooking cavity for emitting heat, a combustion tube having a hollow portion formed to surround the heating means, the combustion tube being heated by the heating means and radiates its heat to the center of the cooking cavity, a combustion space formed between the heating means and the combustion tube in which cooking fumes are decomposed by the heat from the heating means, a fan adapted to withdraw air from the cooking cavity and to discharge a part or ail of the air through the connection tube into the combustion space, a connection tube for connecting fluid communication between the combustion tube and the fan, and a gas outlet for venting the steam and air in the combustion space to the outside of the cooking device.

IPC 8 full level

**F24C 9/00** (2006.01); **F24C 14/02** (2006.01); **F24C 15/00** (2006.01); **F24C 15/20** (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP KR US)

**F24C 9/00** (2013.01 - KR); **F24C 14/025** (2013.01 - EP US); **F24C 15/00** (2013.01 - KR); **F24C 15/20** (2013.01 - KR); **F24C 15/2014** (2013.01 - EP US); **F24C 15/322** (2013.01 - EP US)

Citation (search report)

- [XPI] KR 101203444 B1 20121122
- See references of WO 2014077505A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 2015090247 A1 20150402**; AU 2013345700 A1 20150611; BR 112015010869 A2 20170711; CA 2889658 A1 20140522; CN 103930006 A 20140716; CN 103930006 B 20161012; EP 2921780 A1 20150923; EP 2921780 A4 20161221; JP 2016502637 A 20160128; KR 101306428 B1 20130909; RU 2015122094 A 20170110; WO 2014077505 A1 20140522

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