

Title (en)

Steam oven device and water tank for use in the same

Title (de)

Dampfgarofen und Wassertank zur Verwendung darin

Title (fr)

Four de cuisson vapeur et réservoir d'eau pour l'utilisation dans le four

Publication

**EP 2037183 A1 20090318 (EN)**

Application

**EP 07116435 A 20070914**

Priority

EP 07116435 A 20070914

Abstract (en)

A steam oven device comprising at least one cooking cavity, at least one cavity door moveable between a first position in which the cooking cavity is closed and a second position in which the cooking cavity is open, a control panel having at least one control element for controlling the cooking operation, a boiler means for vaporising water and a water tank for receiving water to be vaporised by the boiler means is described. This steam oven device is to be improved in order to maximise the size of the cooking cavity, reduce the manufacturing costs and prevent hygiene problems resulting from water remaining in the water tank between subsequent cooking cycles. For achieving this object the steam oven device is characterised by a drawer-like water tank receiving slot for receiving the water tank, wherein said receiving slot is horizontally arranged below the control panel but above the cooking cavity in such a manner that the water tank received in the receiving slot is arranged behind the cavity door taking its first position.

IPC 8 full level

**F24C 15/32** (2006.01); **A21B 3/04** (2006.01)

CPC (source: EP)

**F24C 15/327** (2013.01)

Citation (applicant)

- DE 19741881 A1 19990325 - IMP WERKE GMBH & CO [DE]
- EP 1108384 A1 20010620 - IMP WERKE GMBH & CO [DE]
- EP 1550828 A1 20050706 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (search report)

- [Y] DE 19741881 A1 19990325 - IMP WERKE GMBH & CO [DE]
- [Y] EP 1550828 A1 20050706 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 1108384 A1 20010620 - IMP WERKE GMBH & CO [DE]
- [L] EP 1914479 A1 20080423 - SHARP KK [JP]
- [YA] EP 1724529 A1 20061122 - WHIRLPOOL CO [US]
- [A] EP 1702542 A1 20060920 - V ZUG AG [CH]

Cited by

EP3309462A1; CN108703673A; EP2991448A1; DE102014112354A1; EP4063748A1; EP3942974A4; EP2703740A1; CN103672988A; KR20200012300A; US10080263B2; KR20190104960A; KR20190096667A; US9565963B2; EP2366315A1; KR20180028642A; CN110945290A; US11653785B2; WO2019038007A1; WO2023140801A1; DE102010002853A1; DE102010002853B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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