

Title (en)
A baking oven

Title (de)
Backofen

Title (fr)
Four de cuisson

Publication
EP 1995525 A1 20081126 (EN)

Application
EP 08425192 A 20080325

Priority
IT RN20070028 A 20070525

Abstract (en)
A baking oven comprises: -a baking cavity (2) accessible by the user and suitable to receive the foods to be cooked; -heating means (3) in thermal contact with the cavity (2); -a reservoir (4) for containing water which identifies a first portion (41) of the cavity (2) and comprises an opening (40) at least partially oriented upwards which serves as interface with a remaining second portion (42) of the cavity (2) external to the reservoir (4), the water contained in the reservoir (4) evaporating under the action of the heating means (3); said opening (40) constituting both an inlet for the water to flow into the reservoir (4) and an outlet for the steam from the reservoir (4); -a tubular conduit (50) for the outflow of the water connectable fluid-dynamically to means for supplying the water and having an outlet section (51) internal to the cavity (2), the water flowing out of the tubular conduit (50) subsequently flowing into the reservoir (4). To facilitate cleaning operations on the reservoir (4) performed manually by an operator, the outlet section (51) of the tubular conduit (50) is external to the volume generated by a translation of the opening (40) along the physical vertical, said opening (40) remaining parallel to itself during said translation.

IPC 8 full level
F24C 15/32 (2006.01)

CPC (source: EP)
F24C 15/327 (2013.01)

Citation (applicant)
US 6860261 B2 20050301 - HINES JR ROBERT S [US]

Citation (search report)
• [X] EP 1739358 A1 20070103 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [XA] EP 1761111 A2 20070307 - WHIRLPOOL CO [US]
• [X] EP 0517681 A2 19921209 - SMEG SPA [IT]
• [E] DE 102006050368 A1 20080521 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [PA] US 2007215592 A1 20070920 - WANG CHING-HSIANG [TW]

Cited by
EP2469192A3; EP3285011A3; EP2789923A1; EP4027795A4; EP3531028A1; IT201800003098A1; US10724743B2; WO2022128311A1; WO2013131959A1; WO2016034240A1; WO2023140801A1; WO2022225659A1; WO2022136323A1; WO2022268290A1

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

Designated extension state (EPC)
AL BA MK RS

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EP 1995525 A1 20081126; EP 1995525 B1 20170301; IT RN20070028 A1 20081126; RU 2008111052 A 20090927; RU 2472073 C2 20130110

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EP 08425192 A 20080325; IT RN20070028 A 20070525; RU 2008111052 A 20080325