

Title (en)

Heating device with a means for producing steam

Title (de)

Heizvorrichtung mit einem Dampferzeuger

Title (fr)

Dispositif de chauffe à moyens de production de vapeur

Publication

EP 2479500 A1 20120725 (FR)

Application

EP 12151474 A 20120117

Priority

FR 1150425 A 20110119

Abstract (en)

The device (2) has a gas burner (4) including a hollow burner body (5) supplied with an air and gas mixture by an air and gas inlet drain (6). The body has outlet openings (7) distributed on an outlet face (8) to direct the mixture to a combustion zone (9) along average combustion gas outlet direction (I-I). A vapor production compartment (10) defines a cavity (11) connected with an enclosure (3) of a food cooking oven via a vapor outlet opening (12). A liquid supply unit supplies liquid e.g. water, to the cavity. A supporting unit (15) maintains the compartment in a combustion gas flow. An independent claim is also included for a food cooking oven.

Abstract (fr)

Dispositif de chauffe et de production de vapeur (2) pour chauffer et produire de la vapeur dans l'atmosphère intérieure d'une enceinte (3) de four de cuisson pour aliments. Le dispositif de chauffe et de production de vapeur (2) comporte des moyens de support (15) qui maintiennent un compartiment de production de vapeur (10) au contact du flux de gaz de combustion.

IPC 8 full level

F24C 15/32 (2006.01)

CPC (source: EP)

F24C 15/322 (2013.01); **F24C 15/327** (2013.01)

Citation (applicant)

- DE 202004015288 U1 20060209 - WSS GMBH [DE]
- EP 1772669 A2 20070411 - BOURGEOIS PROD COOP [FR]

Citation (search report)

- [YA] US 4552123 A 19851112 - BIRKNER JOSEPH R [US], et al
- [YA] EP 1772669 A2 20070411 - BOURGEOIS PROD COOP [FR]
- [A] DE 202004015288 U1 20060209 - WSS GMBH [DE]
- [A] US 6237469 B1 20010529 - STRITZL JOSEF [CA], et al
- [A] FR 2791125 A1 20000922 - ELECTROLUX ZANUSSI GRANDI IMPI [IT]
- [A] BE 705875 A 19680301
- [A] JP 2001033039 A 20010209 - TOKYO GAS CO LTD
- [A] DE 10347161 A1 20040902 - WIESHEU GMBH [DE]
- [A] WO 2008035898 A1 20080327 - SHIN HO YOUL [KR]

Cited by

CN103196163A

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)

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DOCDB simple family (application)

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