

Title (en)

AN OVEN WITH STEAM COOKING FUNCTION

Title (de)

OFEN MIT DAMPFGARFUNKTION

Title (fr)

FOUR DOTÉ D'UNE FONCTION DE CUISSON VAPEUR

Publication

EP 3903042 B1 20240703 (EN)

Application

EP 19832977 A 20191227

Priority

- TR 201820652 A 20181227
- EP 2019087089 W 20191227

Abstract (en)

[origin: WO2020136249A1] The present invention relates to an oven (1) comprising a cooking cavity (2) which is provided in a casing and wherein the cooking process is performed; at least one tubular heater (5) which heats the air in the cooking cavity (2), which is disposed on the ceiling of the cooking cavity (2) and which is composed of bends (3) and legs (4); a fan (6) which is disposed behind the cooking cavity (2) and which moves the heated air; a water supply line (9) which draws water from a water supply (7) such as water tank or outer water mains by means of a water transfer member (8) such as valve or pump in order to generate steam; and a steam generation pipe (11) with one end connected to the water supply line (9), which is disposed onto the heater (5) so as to contact the upper surface of at least one leg (4) and/or bend (3) of the heater (5), which generates steam with the water taken from the water supply line (9) and which delivers steam into the cooking cavity (2) through a steam outlet orifice (10) provided at the other end thereof.

IPC 8 full level

F24C 15/32 (2006.01)

CPC (source: EP)

F24C 15/327 (2013.01)

Citation (examination)

- EP 2449884 A2 20120509 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- WO 2018217027 A1 20181129 - SAMSUNG ELECTRONICS CO LTD [KR]

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

DOCDB simple family (publication)

WO 2020136249 A1 20200702; EP 3903042 A1 20211103; EP 3903042 B1 20240703

DOCDB simple family (application)

EP 2019087089 W 20191227; EP 19832977 A 20191227