

Title (en)

FAN OVEN COMPRISING PARTITION, SUPPORT PANEL AND REAR WALL

Title (de)

UMLUFTOFEN MIT TRENNWAND, STÜTZPLATTE UND RÜCKWAND

Title (fr)

FOUR VENTILÉ AVEC PARTITION, PANNEAU DE SUPPORT ET PAROI POSTÉRIEUR

Publication

EP 3273167 A1 20180124 (EN)

Application

EP 16180688 A 20160722

Priority

EP 16180688 A 20160722

Abstract (en)

We propose a fan oven (1) comprising: a cavity (2) to be heated; a partition (13) positioned at a predetermined distance from a rear wall (2e) of said cavity (2), said partition (13) having a central hole (13a); a fan (12) positioned in proximity of said central hole (13a), between said partition (13) and said rear wall (2e), said fan (12) adapted to collect air from said cavity (2) and convey a flow of said air behind said partition (13); and a plurality of heating elements (10a - 10c), positioned inside said cavity (2), in proximity of said fan (12) between said partition (13) and said rear wall (2e). Said oven (1) further comprises a support panel (6) positioned at a predetermined distance behind said partition (13), between said partition (13) and said rear wall (2e); wherein said fan (12) and said heating elements (10a - 10e) are located in a free space between said partition (13) and said support panel (6).

IPC 8 full level

F24C 15/32 (2006.01); **F24C 15/36** (2006.01)

CPC (source: EP)

F24C 15/325 (2013.01); **F24C 15/005** (2013.01)

Citation (applicant)

EP 2336650 A2 20110622 - FRANKE TECHNOLOGY & TRADEMARK [CH]

Citation (search report)

- [X] EP 2799782 A2 20141105 - DONGBU DAEWOO ELECTRONICS CORP [KR]
- [X] FR 2446993 A1 19800814 - RAYTHEON CO [US]
- [X] EP 1732359 A2 20061213 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

WO2021209135A1

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

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DOCDB simple family (application)

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