

Title (en)
ELECTRIC CONVECTION COOKING OVEN

Title (de)
ELEKTRISCHER KONVEKTIONSBACKOFEN

Title (fr)
FOUR DE CUISSON ÉLECTRIQUE À CONVECTION

Publication
EP 3770511 B1 20220831 (EN)

Application
EP 19425057 A 20190724

Priority
EP 19425057 A 20190724

Abstract (en)
[origin: EP3770511A1] An electric convection cooking oven includes a cooking resistor and a fan mounted on the rear wall of the cooking chamber, as well as a deflector (21) that protects a user from contact with the resistor and the fan and is formed by a front wall and peripheral walls, in particular solid peripheral walls (9, 10) at its top and bottom sides, with at least a central intake grille (1a) in said front wall, the deflector (21) having a substantially octagonal shape that also includes two pairs of oblique peripheral walls (11, 12), which are respectively adjacent to said top and bottom walls (9, 10) and have openings (11a, 12a) that extend over 30-90% of the area of said oblique walls (11, 12), as well as two lateral peripheral walls (13) that extend between the oblique walls (11, 12).

IPC 8 full level
F24C 14/00 (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP)
F24C 14/005 (2013.01); **F24C 15/325** (2013.01); **F24C 15/327** (2013.01)

Citation (examination)
• DE 102011075130 A1 20121108 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• WO 2009022847 A1 20090219 - LG ELECTRONICS INC [KR], et al

Cited by
WO2022268290A1

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)
EP 3770511 A1 20210127; **EP 3770511 B1 20220831**; EP 4089334 A1 20221116; EP 4089334 B1 20240228; ES 2929438 T3 20221129; PL 3770511 T3 20221219

DOCDB simple family (application)
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