

Title (en)
COOKING HOB

Title (de)
KOCHFELD

Title (fr)
TABLE DE CUISSON

Publication
EP 3598848 B2 20240515 (DE)

Application
EP 19185136 A 20190709

Priority
DE 102018212094 A 20180719

Abstract (en)
[origin: US2020025388A1] A heating device for a hob has a flat rectangular carrier with an outer edge, two heating elements which each have a heating conductor and which together form a heating area and which are fastened on the carrier, wherein each heating element defines a partial heating area, and the partial heating areas are situated inside the rectangular shape of the carrier. The heating elements and their partial heating areas can be operated independently of one another. The partial heating areas of the heating elements do not intersect. A first partial heating area is rectangular and extends, by way of at least one of its outer sides, to the outer edge of the carrier and runs parallel in relation to the outer edge. A second partial heating area covers the portion of the rest of the carrier which is left free by the first partial heating area. Various configurations of heated areas can be achieved owing to the independent operation.

IPC 8 full level
H05B 3/74 (2006.01)

CPC (source: EP US)
F24C 7/046 (2013.01 - US); **F24C 7/067** (2013.01 - US); **F24C 7/083** (2013.01 - US); **H05B 3/748** (2013.01 - EP); **H05B 2206/022** (2013.01 - EP); **H05B 2213/03** (2013.01 - EP)

Citation (opposition)
Opponent :

- EP 2133012 B1 20150225 - ELECTROLUX HOME PROD CORP [BE]
- WO 2015062859 A1 20150507 - BSH HAUSGERAETE GMBH [DE]

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 3598848 A1 20200122; **EP 3598848 B1 20210331**; **EP 3598848 B2 20240515**; DE 102018212094 A1 20200123; ES 2875934 T3 20211111; PL 3598848 T3 20211018; US 11156365 B2 20211026; US 2020025388 A1 20200123

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EP 19185136 A 20190709; DE 102018212094 A 20180719; ES 19185136 T 20190709; PL 19185136 T 20190709; US 201916508656 A 20190711