

Title (en)
COOKING HOB, IN PARTICULAR INDUCTION COOKING HOB, INCLUDING A HOUSING

Title (de)
KOCHFELD, INSBESONDERE EIN INDUKTIONSKOCHFELD, MIT EINEM GEHÄUSE

Title (fr)
PLAQUE DE CUISSON, EN PARTICULIER UNE PLAQUE DE CUISSON PAR INDUCTION COMPRENANT UN BOÎTIER

Publication
EP 4106492 A1 20221221 (EN)

Application
EP 21179404 A 20210615

Priority
EP 21179404 A 20210615

Abstract (en)
Cooking hob, in particular induction cooking hob, including a housing (10) and a cooking hob plate attached to the housing, wherein the housing (10) and the cooking hob plate enclose at least one interior space (16) in which electric and/or electronic components of the cooking hob are arrangeable or arranged, wherein the housing (10) comprises at least one or two or more bottom walls (30, 32, 36) and at least one or two or more side walls (14a-d, 34), wherein at least one or two or more side walls are housing side walls (14a-d) that form the outermost side walls (14a-14d) of the housing and that extend upwards from at least one or two or more of the bottom walls (30, 32, 36) and which are provided to be attached to the cooking hob plate, and wherein at least one or two or more side walls are interior side walls (34) being distanced from the outermost side walls (14a-14d) that extend upwards from at least one or two or more of the bottom walls (30, 32, 36) towards another of the at least one or two or more bottom walls (30, 32, 36), wherein the interior side walls (34) are positioned inside from the at least one or two or more housing side walls (14a-d), wherein at least one of the interior side walls (34) comprises at least one or two or a plurality of air outlets (24).

IPC 8 full level
H05B 6/12 (2006.01)

CPC (source: EP)
H05B 6/1263 (2013.01); **H05B 2206/022** (2013.01)

Citation (applicant)
DE 102018216465 A1 20200326 - BSH HAUSGERAETE GMBH [DE]

Citation (search report)
• [X] US 2010219179 A1 20100902 - LIN I-SHEN [TW]
• [A] US 4549052 A 19851022 - SIMON DONALD J [US]
• [A] US 4665893 A 19870519 - MIYAGAWA JUNICHI [JP], et al
• [A] EP 3334248 A1 20180613 - ELECTROLUX APPLIANCES AB [SE]

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4106492 A1 20221221; EP 4106492 B1 20240410

DOCDB simple family (application)
EP 21179404 A 20210615