

Title (en)
DOMESTIC APPLIANCE INCLUDING A CASING

Title (de)
HAUSHALTSGERÄT MIT EINEM GEHÄUSE

Title (fr)
APPAREIL MÉNAGER COMPRENANT UN BOÎTIER

Publication
EP 3324127 A1 20180523 (EN)

Application
EP 17180265 A 20170707

Priority
EP 16179087 A 20160712

Abstract (en)
A domestic appliance, in particular of a cooking oven, including a casing (10), wherein said the domestic appliance comprises the following parts: - two side walls (12) forming lateral parts of the casing (10), - a front frame (14) arranged at a front side of the casing (10), - a treatment cavity being at least partially enclosed by at least one cavity wall (16) and being arranged inside the casing (10), - a bottom part (36) of the casing (10) arranged beneath the side walls (12), and - a top part (50) of the casing (10) arranged above the side walls (12), wherein - a front end of the at least one cavity wall (16) forms an opening for charging food stuff to be cooked into the treatment cavity (18), wherein - the front frame (14) surrounds said opening circumferentially, - wherein the front frame (14) is coupled to the cavity wall (16) via coupling means (31.1, ..., 31.3, 32.1, ..., 32.7, 34.1, 34.2) in such way, that a continuous gap (72) is circumferentially formed between the front frame (14) and the cavity wall (16) at least in the region of the front end of the cavity wall, - and wherein the casing (10) is coupled to the front frame in such way that the casing is substantially thermally decoupled from the cavity wall (16) and that the side walls (12) carry the weight of the cavity wall (16) and the front frame (14).

IPC 8 full level
F24C 15/08 (2006.01)

CPC (source: EP)
F24C 15/08 (2013.01)

Citation (applicant)
• EP 2314932 A1 20110427 - ELECTROLUX HOME PROD CORP [BE]
• GB 2355070 A 20010411 - THOMAS PERIS WYN [GB]

Citation (search report)
• [XY] US 2015327336 A1 20151112 - WITTMANN MICHAEL [DE], et al
• [Y] GB 2197457 A 19880518 - TI NEW WORLD LTD
• [Y] EP 1643189 A2 20060405 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [Y] US 1585404 A 19260518 - MELVIN CHARLES T
• [AD] GB 2355070 A 20010411 - THOMAS PERIS WYN [GB]
• [AD] EP 2314932 A1 20110427 - ELECTROLUX HOME PROD CORP [BE]

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EP4290139A1; WO2023237335A1

Designated contracting state (EPC)
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