

Title (en)

INTERIOR COMPARTMENT WITH A SPECIFIC SHAPE OF BEARING RIB, AND DOMESTIC REFRIGERATION APPLIANCE

Title (de)

INNENBEHÄLTER MIT SPEZIFISCHER FORM EINER AUFLAGERIPPE, SOWIE HAUSHALTSKÄLTEGERÄT

Title (fr)

COMPARTIMENT INTÉRIEUR À FORME SPÉCIFIQUE DE NERVURE DE SUPPORT, ET APPAREIL FRIGORIFIQUE ÉLECTROMÉNAGER

Publication

**EP 4168726 A1 20230426 (DE)**

Application

**EP 21730141 A 20210527**

Priority

- DE 102020207641 A 20200619
- EP 2021064183 W 20210527

Abstract (en)

[origin: WO2021254759A1] One aspect relates to an interior compartment (4) for a domestic refrigeration appliance (1), having a side wall (7, 8) on which an elongate bearing rib (13, 14, 15, 16) for a bearing panel is integrated, wherein the bearing rib (13, 14, 15, 16) extends, by way of its longitudinal axis (A), in the depthwise direction (z) of the interior compartment (4) and extends over at least half the depth of the side wall (7, 8), as measured in the depthwise direction (z), wherein the bearing rib (13, 14, 15, 16) has an upper bearing side (19), which merges with the side wall (7, 8) by way of a first rounding (25) and merges with an underside (23) of the bearing rib (13, 14, 15, 16) by way of a second rounding (27), which is located opposite the first as seen in the widthwise direction (x) of the interior compartment (4), wherein the underside (23) merges at its lower end (30) with the side wall (7, 8), wherein, in a cross section of the bearing rib (13, 14, 15, 16) taken in a direction perpendicular to the longitudinal axis (A), a vertical-dimension ratio, measured in the heightwise direction (y) of the interior compartment (4), between an underside vertical dimension (h2), which is measured between an upper end (29) of the underside (23) and a lower end (30) of the underside (23), and an upper-side vertical dimension (h1), which is measured between an upper end (24a) of the first rounding (25) and a lower end (28b) of the second rounding (27), is between 3.5 and 4.5, in particular between 3.8 and 4.2. The invention also relates to a domestic refrigeration appliance (1).

IPC 8 full level

**F25D 23/06** (2006.01)

CPC (source: EP US)

**F25D 23/067** (2013.01 - EP US); **F25D 25/005** (2013.01 - US); **F25D 25/02** (2013.01 - US); **F25D 25/025** (2013.01 - US); **F25D 2500/02** (2013.01 - EP US)

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)

**DE 102020207641 A1 20211223**; CN 115698614 A 20230203; EP 4168726 A1 20230426; US 2023251027 A1 20230810; WO 2021254759 A1 20211223

DOCDB simple family (application)

**DE 102020207641 A 20200619**; CN 202180043248 A 20210527; EP 2021064183 W 20210527; EP 21730141 A 20210527; US 202118010353 A 20210527