

Title (en)
DOMESTIC REFRIGERATION APPLIANCE

Title (de)
HAUSHALTSKÄLTEGERÄT

Title (fr)
APPAREIL DE RÉFRIGÉRATION MÉNAGER

Publication
EP 4073440 A1 20221019 (DE)

Application
EP 20808366 A 20201117

Priority
• DE 102019219266 A 20191210
• EP 2020082382 W 20201117

Abstract (en)
[origin: WO2021115738A1] A domestic refrigeration appliance (1) having a heat-insulated housing (2), in which is formed at least one accommodating space (7) for food and refrigeration components, said accommodating space being delimited by an inner container (3) which is arranged in the housing (2), between the accommodating space (7) and a thermal insulation (10), wherein on a wall surface (16) of the inner container (3), said wall surface being directed towards the accommodating space (7), the accommodating space (7) has arranged on it a freely suspended finned-tube evaporator (50) for cooling the accommodating space (7), the finned-tube evaporator (50) comprises a serpentine refrigerant-tube coil (501), which carries refrigerant during operation of the domestic refrigeration appliance (1) and has a multiplicity of straight refrigerant-tube sections (503), each connected to one another by curved refrigerant-tube sections (504), wherein the straight refrigerant-tube sections (503) have radially projecting fins (505) along their longitudinal extent, wherein the finned-tube evaporator (50) is of flat construction and the straight refrigerant-tube sections (503) are arranged substantially continuously one beside the other along the wall surface (16) of the accommodating space (7).

IPC 8 full level
F25B 39/02 (2006.01); **F25D 17/06** (2006.01); **F28D 1/047** (2006.01); **F28F 1/16** (2006.01); **F28F 13/06** (2006.01)

CPC (source: EP)
F25B 39/02 (2013.01); **F25D 17/06** (2013.01); **F28D 1/047** (2013.01); **F28D 1/0477** (2013.01); **F28F 1/16** (2013.01); **F28F 13/06** (2013.01); **F25B 2339/023** (2013.01)

Citation (search report)
See references of WO 2021115738A1

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

DOCDB simple family (publication)
DE 102019219266 A1 20210610; EP 4073440 A1 20221019; WO 2021115738 A1 20210617

DOCDB simple family (application)
DE 102019219266 A 20191210; EP 2020082382 W 20201117; EP 20808366 A 20201117