

Title (en)

REFRIGERATOR WITH A BENT EVAPORATOR SURFACE AND A METHOD FOR ASSEMBLING A REFRIGERATOR

Title (de)

KÄLTEGERÄT MIT EINER UMGEBOGENEN VERDAMPFERFLÄCHE UND VERFAHREN ZUM MONTIEREN EINES KÄLTEGERÄTS

Title (fr)

APPAREIL FRIGORIFIQUE DOTÉ D'UNE SURFACE D'ÉVAPORATEUR RABATTUE ET UN PROCÉDÉ DE MONTAGE D'UN APPAREIL FRIGORIFIQUE

Publication

**EP 2281156 A1 20110209 (DE)**

Application

**EP 09732165 A 20090403**

Priority

- EP 2009054003 W 20090403
- DE 102008019362 A 20080417

Abstract (en)

[origin: WO2009127535A1] The invention relates to a refrigerator (1) comprising an external housing (2), at least one container (3) for products to be refrigerated having at least one refrigeration compartment (4) for accommodating products (5) to be refrigerated, and a cooling circuit (6) for cooling the refrigeration compartment (4), wherein the cooling circuit (6) has an evaporator (7) with a substantially two-dimensional evaporator surface (17) and the evaporator is arranged on an inner wall (10) of the container (3) for products to be refrigerated, wherein a sub-area (8) of the evaporator surface (17) is bent towards the inner wall (10) and the evaporator (7) with the bent sub-area (8) is connected to the container (3) for products to be refrigerated, and said refrigerator is distinguished by a high degree of efficiency, the ability to be cleaned easily and simple mounting. The invention also relates to a plate-like evaporator (7) which is particularly easy to clean and simple to mount and has a high degree of efficiency, and also to a method for mounting a refrigerator (1).

IPC 8 full level

**F25D 17/04** (2006.01); **F25B 39/02** (2006.01); **F25D 23/00** (2006.01)

CPC (source: EP)

**F25B 39/024** (2013.01); **F25D 23/006** (2013.01); **F25D 17/04** (2013.01)

Citation (search report)

See references of WO 2009127535A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008019362 A1 20091022**; CN 102007348 A 20110406; EP 2281156 A1 20110209; EP 2281156 B1 20130911; ES 2429513 T3 20131115; RU 2010143311 A 20120527; WO 2009127535 A1 20091022

DOCDB simple family (application)

**DE 102008019362 A 20080417**; CN 200980113373 A 20090403; EP 09732165 A 20090403; EP 2009054003 W 20090403; ES 09732165 T 20090403; RU 2010143311 A 20090403