

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 3818315 A1 20210512 (EN)

Application
EP 18740162 A 20180705

Priority
EP 2018068305 W 20180705

Abstract (en)
[origin: WO2020007479A1] Refrigerator (1) comprising an outer casing (2) which has a thermal-insulating structure and is internally provided with a first (3) and a second (4) storage cavities that are thermal-insulated to one another and to the outside and each of which is adapted to accommodate perishable foodstuff; and an electrically-operated, cooling system (5) which is at least partially accommodated inside the outer casing (2) and is structured/adapted to cool down the inside of both said first (3) and said second (4) storage cavities; the first storage cavity (3) being additionally divided into a first (13) and a second (12) compartments that are both adapted to accommodate perishable foodstuff and directly communicate to one another; the cooling system (5) being adapted to circulate, in closed loop inside said first storage cavity (3), a flow of cold air (f) that crosses in sequence said first (13) and said second (12) compartment so as to cool down in sequence the same compartments (12, 13), and comprising an electrically-operated, heat-pump assembly (20) which is provided with a first evaporator (21) that cools down the first storage cavity (3), with a second evaporator (22) that cools down the second storage cavity (4), and with an electrically-operated flow di verier (44) which is located upstream of said first (21) and said second (22) evaporators and is adapted to selectively an alternatively channel the refrigerant towards the inlet of the first evaporator (21) or towards the inlet of the second evaporator (22).

IPC 8 full level
F25D 11/02 (2006.01)

CPC (source: EP US)
F25D 11/022 (2013.01 - EP US)

Citation (search report)
See references of WO 2020007479A1

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)
WO 2020007479 A1 20200109; AU 2018431327 A1 20210107; EP 3818315 A1 20210512; US 2021116161 A1 20210422

DOCDB simple family (application)
EP 2018068305 W 20180705; AU 2018431327 A 20180705; EP 18740162 A 20180705; US 201817253832 A 20180705