

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2420773 B1 20190327 (EN)

Application
EP 11175782 A 20110728

Priority

- KR 20100074272 A 20100730
- KR 20100074273 A 20100730
- KR 20100074275 A 20100730

Abstract (en)
[origin: EP2420773A2] A refrigerator includes a heat transfer unit (300), which transfers heat generated from a machine room within a refrigerator main body (110) to a periphery of a home bar (200) so as to remove dew formed at the periphery of the home bar, and an insulating unit (600) for surrounding an outer circumference of the heat transfer unit. The refrigerator further includes a heating unit (700) installed to be thermally conductive with the heat transfer unit, and a non-conductive cover (800) for covering the heat transfer unit and the heating unit. Consequently, waste heat generated from the machine room, other than a separate power supply unit, can be used to prevent dew formation at the periphery of the home bar, so as to remarkably reduce power consumption.

IPC 8 full level
F25D 21/04 (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP US)
F25D 21/04 (2013.01 - EP US); **F25D 23/02** (2013.01 - EP US); **F25D 2323/023** (2013.01 - EP US)

Citation (examination)

- JP 2000105058 A 20000411 - SANYO ELECTRIC CO
- JP 2001074352 A 20010323 - FUJI ELECTRIC CO LTD

Cited by
CN109196291A; RU2731573C2; WO2017157523A1

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

DOCDB simple family (publication)
EP 2420773 A2 20120222; EP 2420773 A3 20141008; EP 2420773 B1 20190327; US 2012023986 A1 20120202

DOCDB simple family (application)
EP 11175782 A 20110728; US 201113194562 A 20110729