

Title (en)
REFRIGERATOR AND CONTROL METHOD THEREOF

Title (de)
KÜHLSCHRANK UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
RÉFRIGÉRATEUR ET PROCÉDÉ DE COMMANDE DE CELUI-CI

Publication
EP 2519792 B1 20170816 (EN)

Application
EP 10841331 A 20101231

Priority

- KR 20100004724 A 20100119
- KR 20100004721 A 20100119
- KR 20100004726 A 20100119
- KR 20100004725 A 20100119
- KR 20100004723 A 20100119
- KR 20100004722 A 20100119
- KR 20090135516 A 20091231
- KR 2010009626 W 20101231

Abstract (en)
[origin: WO2011081499A2] Disclosed herein is a refrigerator including: a cabinet having a storage space; a barrier configured to divide the storage space into a freezing compartment and a refrigerating compartment, filled with a heat insulator, and having a depression part formed on one side surface thereof; an evaporator accommodated in a part of the depression part; a blowing unit accommodated in another part of the depression part corresponding to an upper side of the evaporator; a barrier cover configured to shield the depression part by covering one side surface of the barrier, wherein the depression part includes an evaporator accommodating part configured to accommodate the evaporator, a blowing unit accommodating part configured to accommodate the blowing unit, and a cold air passage extended from the blowing unit accommodating part to allow the cold air to be guided into the freezing compartment and to refrigerating compartment, and the blowing unit accommodating part is depressed greater than the evaporator accommodating part.

IPC 8 full level
F25D 23/06 (2006.01); **F25C 5/00** (2006.01); **F25D 11/00** (2006.01); **F25D 17/04** (2006.01); **F25D 17/06** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP US)
F25C 5/22 (2018.01 - US); **F25D 17/045** (2013.01 - EP US); **F25D 17/065** (2013.01 - EP US); **F25D 23/069** (2013.01 - EP US); **F25C 5/22** (2018.01 - EP); **F25D 2317/0663** (2013.01 - EP US); **F25D 2317/0683** (2013.01 - EP US); **F25D 2400/06** (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

DOCDB simple family (publication)
WO 2011081499 A2 20110707; **WO 2011081499 A3 20111110**; EP 2519792 A2 20121107; EP 2519792 A4 20160120; EP 2519792 B1 20170816; US 2012272670 A1 20121101

DOCDB simple family (application)
KR 2010009626 W 20101231; EP 10841331 A 20101231; US 201013520067 A 20101231