Title (en)

Refrigerator

Title (de)

Kühlschrank

Title (fr)

Réfrigérateur

Publication

EP 2818811 A2 20141231 (EN)

Application

EP 14173597 A 20140624

Priority

JP 2013136406 A 20130628

Abstract (en)

In a refrigerator in which a connection portion of a heat insulating wall body exists in a lower portion of a heat insulating cabinet, outside air is prevented from invading from the connection portion. A cold air blowout port is provided to blow cold air into a storage container and a cold air suction port is provided above the lowermost end of the cold air blowout port. The cold air blown from the cold air blowout port cools the inside of the storage container and then is sucked from the cold air suction port provided above the cold air blowout port to return to the cold air generating portion. Accordingly, the cold air blown from the cold air blowout port does not flow downward between the storage container and the storage compartment, and the outside air does not invade into the inside of the refrigerator from the connection portion.

IPC 8 full level

F25D 17/06 (2006.01)

CPC (source: CN EP)

F25D 17/062 (2013.01 - CN EP); **F25D 23/063** (2013.01 - EP); F25D 2201/14 (2013.01 - EP); F25D 2317/061 (2013.01 - CN EP); F25D 2317/0651 (2013.01 - CN EP); F25D 2317/067 (2013.01 - EP); F25D 2317/0671 (2013.01 - CN EP); F25D 2500/02 (2013.01 - EP)

Cited by

CN107014136A; US11402144B2; US11629903B2; US12066237B2

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)

EP 2818811 A2 20141231; **EP 2818811 A3 20150527**; CN 104279807 A 20150114; JP 2015010768 A 20150119; JP 6125354 B2 20170510; TW 201500706 A 20150101

DOCDB simple family (application)

EP 14173597 A 20140624; CN 201410287602 A 20140624; JP 2013136406 A 20130628; TW 103122010 A 20140626