

Title (en)  
Refrigerator

Title (de)  
Kühlschrank

Title (fr)  
Réfrigérateur

Publication  
**EP 2339275 B1 20170208 (EN)**

Application  
**EP 10196308 A 20101221**

Priority  
• JP 2009291737 A 20091224  
• JP 2009291738 A 20091224  
• JP 2010153590 A 20100706

Abstract (en)  
[origin: EP2339275A2] A refrigerator (30) comprising refrigerator compartment (35) at upper side, freezer compartment (37) at lower side, convertible compartment (36) between the refrigerator compartment (35) and the freezer compartment (37), fan (46) located above evaporator (44) for forcibly delivering produced cold air to individual storage compartments, and duct unit (49) formed behind the convertible compartment (36), wherein the duct unit (49) has refrigerator compartment air duct (48a), convertible compartment air duct (48b) and refrigerator compartment return duct (51a) arranged laterally in a row. Thus provided is the refrigerator having the duct unit securing sufficient internal capacity with capability of efficiently refrigerating the storage compartments indirectly with single evaporator.

IPC 8 full level  
**F25D 17/06** (2006.01); **F25D 17/04** (2006.01); **F25D 21/04** (2006.01)

CPC (source: EP)  
**F25D 17/065** (2013.01); **F25D 17/045** (2013.01); **F25D 21/04** (2013.01); **F25D 2400/02** (2013.01); **F25D 2400/16** (2013.01)

Cited by  
EP4053478A1; CN110375477A; EP2762807A4; EP3351878A4; EP4006460A4; AU2020318183B2; US10281190B2; US12111092B2; US10288340B2; US10274242B2; US10544980B2; WO2017060067A1; US12085328B2

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 2339275 A2 20110629; EP 2339275 A3 20141231; EP 2339275 B1 20170208**; CN 102109264 A 20110629; CN 102109264 B 20150701

DOCDB simple family (application)  
**EP 10196308 A 20101221**; CN 201010614138 A 20101224