

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 3685110 A1 20200729 (EN)**

Application  
**EP 18872439 A 20181031**

Priority  
• JP 2017212002 A 20171101  
• KR 20180110166 A 20180914  
• KR 2018013136 W 20181031

Abstract (en)  
[origin: KR20190049438A] Provided is a refrigerator for facilitating access to each evaporator and increasing maintenance. In the refrigerator, cold air at different temperatures, cooled in each evaporator, is introduced into each one of cooling chambers at different temperature zones and humidity zones. The refrigerator comprises: a refrigerator body including a machine chamber and the cooling chamber; an evaporator stored in the machine chamber; and a cooling unit detachably mounted on the machine chamber and including a compressor, a condenser, and an insulation member. Moreover, the insulation member comes in close contact with an inner wall of the machine chamber to form an insulation space while the cooling unit is mounted within the machine chamber. Furthermore, the evaporator is configured to be stored in the insulation space.

IPC 8 full level  
**F25D 19/02** (2006.01); **F25D 11/02** (2006.01); **F25D 17/06** (2006.01); **F25D 23/00** (2006.01); **F25D 23/06** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP KR)  
**F25D 17/065** (2013.01 - EP KR); **F25D 19/00** (2013.01 - EP); **F25D 19/02** (2013.01 - EP KR); **F25D 23/006** (2013.01 - KR); **F25D 23/065** (2013.01 - KR); **F25D 29/005** (2013.01 - KR); **F25B 1/00** (2013.01 - EP); **F25D 11/022** (2013.01 - KR)

Cited by  
EP3929512A4; US12025363B2

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 3685110 A1 20200729; EP 3685110 A4 20201111; JP 2019086165 A 20190606; KR 102559760 B1 20230727; KR 20190049438 A 20190509

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EP 18872439 A 20181031; JP 2017212002 A 20171101; KR 20180110166 A 20180914