

Title (en)  
REFRIGERATOR HAVING ICE MAKING ROOM

Title (de)  
KÜHLSCHRANK MIT EISERZEUGUNGSBEREICH

Title (fr)  
RÉFRIGÉRATEUR AYANT UNE CHAMBRE DE FABRICATION DE GLACE

Publication  
**EP 2414751 A4 20170712 (EN)**

Application  
**EP 10758966 A 20100316**

Priority  
• KR 2010001627 W 20100316  
• KR 20090028532 A 20090402

Abstract (en)  
[origin: US2010251744A1] A refrigerator is provided. The refrigerator includes a refrigerator main body including a cooling chamber, a door for opening or closing the cooling chamber, an ice making chamber located at the door, a sub-chamber located at the door and spaced from the ice making chamber, the sub-chamber being configured to receive cool air from the cooling chamber, and a cold energy transfer unit configured to transfer energy of cool air of the sub-chamber to the ice making chamber.

IPC 8 full level  
**F25C 1/24** (2006.01); **F25D 11/00** (2006.01); **F25D 11/02** (2006.01); **F25D 17/06** (2006.01); **F25D 23/02** (2006.01); **F25D 23/04** (2006.01)

CPC (source: EP KR US)  
**F25C 1/24** (2013.01 - KR); **F25D 11/00** (2013.01 - KR); **F25D 11/025** (2013.01 - EP US); **F25D 17/065** (2013.01 - EP US); **F25D 23/02** (2013.01 - KR); **F25D 23/04** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US); **F25D 2317/061** (2013.01 - EP US); **F25D 2317/062** (2013.01 - EP US); **F25D 2317/067** (2013.01 - EP US)

Citation (search report)  
• [X] US 2006179869 A1 20060817 - LEE MYUNG R [KR], et al  
• [A] KR 20090013573 A 20090205 - DAEWOO ELECTRONICS CORP [KR]  
• [A] EP 1559972 A2 20050803 - LG ELECTRONICS INC [KR]  
• See references of WO 2010114241A2

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**US 2010251744 A1 20101007**; CN 102378885 A 20120314; CN 102378885 B 20140611; EP 2414751 A2 20120208; EP 2414751 A4 20170712; EP 2414751 B1 20190508; KR 20100110118 A 20101012; WO 2010114241 A2 20101007; WO 2010114241 A3 20101125

DOCDB simple family (application)  
**US 75202110 A 20100331**; CN 201080014958 A 20100316; EP 10758966 A 20100316; KR 20090028532 A 20090402; KR 2010001627 W 20100316