

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 2235456 A4 20160224 (EN)**

Application  
**EP 08872167 A 20081218**

Priority  
• KR 2008007520 W 20081218  
• KR 20080011952 A 20080205

Abstract (en)  
[origin: WO2009099270A2] A refrigerator comprises: an opening disposed at one side of a door; an ice bank disposed on a rear surface of the door, and configured to be drawn out through the opening, for storing ice pieces; a guide unit for guiding the ice bank to be drawn out; and a volume control unit for changing a volume of the ice bank step by step. A volume of the ice bank is varied according to a user's necessity. This solves a user's inconvenience to make ice pieces a plurality of times, for example, in summer when a large amount of ice pieces are required.

IPC 8 full level  
**F25D 25/00** (2006.01)

CPC (source: EP KR US)  
**F25C 5/182** (2013.01 - EP US); **F25D 11/00** (2013.01 - KR); **F25D 23/00** (2013.01 - KR); **F25D 23/04** (2013.01 - EP US); **F25D 25/00** (2013.01 - KR); **F25D 25/02** (2013.01 - KR); **F25D 25/025** (2013.01 - EP US); **F25D 2323/023** (2013.01 - EP US); **F25D 2325/021** (2013.01 - EP US)

Citation (search report)  
• [Y] WO 2007094554 A1 20070823 - LG ELECTRONICS INC [KR], et al  
• [Y] KR 20070032598 A 20070322  
• [E] US 2010043478 A1 20100225 - KIM MIN-YONG [KR]  
• [A] KR 20070041011 A 20070418 - LG ELECTRONICS INC [KR]  
• [A] US 4269039 A 19810526 - BAKER CECIL J  
• [A] KR 20050058001 A 20050616 - LG ELECTRONICS INC [KR]  
• See references of WO 2009099270A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**KR 2008007520 W 20081218**; CN 200880125460 A 20081218; EP 08872167 A 20081218; EP 16197191 A 20081218; ES 08872167 T 20081218; KR 20080011952 A 20080205; US 86591608 A 20081218