

Title (en)  
Refrigerator and driving method thereof

Title (de)  
Kühlschrank und zugehöriges Antriebsverfahren

Title (fr)  
Réfrigérateur et son procédé de commande

Publication  
**EP 2413068 A3 20141210 (EN)**

Application  
**EP 11175668 A 20110727**

Priority  
KR 20100073049 A 20100728

Abstract (en)  
[origin: EP2413068A2] A refrigerator and a driving method thereof are disclosed. The number of vibration of each compressor, evaporation temperature of each evaporator, or an open time of a refrigerant switching valve is detected to determine whether the flow of refrigerant is biased so as to adjust a cooling capability of the compressor or an open value or open time of a refrigerant switching valve, thereby uniformly distributing the refrigerant into first and second evaporators. Accordingly, the refrigerator can be driven with an independent refrigeration cycle corresponding to a load of a freezing chamber or a refrigerating chamber, resulting in reduction of unnecessary power consumption of the refrigerator.

IPC 8 full level  
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CPC (source: EP KR US)  
**F25B 1/10** (2013.01 - EP KR US); **F25B 5/02** (2013.01 - EP KR US); **F25D 11/022** (2013.01 - EP KR US); **F25D 19/00** (2013.01 - KR); **F25D 29/00** (2013.01 - KR); **F25B 2600/01** (2013.01 - EP KR US); **F25B 2600/2511** (2013.01 - EP KR US); **F25B 2700/04** (2013.01 - EP KR US); **F25B 2700/2117** (2013.01 - EP KR US)

Citation (search report)  
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• [XYI] US 2002069654 A1 20020613 - DOI TAKASHI [JP], et al  
• [Y] JP H1183274 A 19990326 - SHARP KK

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DOCDB simple family (publication)  
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