

Title (en)
Refrigerator and driving method thereof

Title (de)
Kühlschrank und zugehöriges Antriebsverfahren

Title (fr)
Réfrigérateur et son procédé de commande

Publication
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Application
EP 11175668 A 20110727

Priority
KR 20100073049 A 20100728

Abstract (en)
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.

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Cited by
CN104613698A; CN105637306A; EP2835601A3; CN108800750A; EP2869008A3; CN104613696A; CN104613728A; US10041716B2; US9933188B2; WO2020221635A1; US9816741B2; US10197324B2

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