

Title (en)  
Refrigerator

Title (de)  
Kühlschrank

Title (fr)  
Réfrigérateur

Publication  
**EP 2677252 B1 20220921 (EN)**

Application  
**EP 13172372 A 20130618**

Priority  
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Abstract (en)  
[origin: EP2677252A1] The present invention relates to a refrigerator. The refrigerator includes a compressor unit for compressing refrigerant, a condensing unit for passing the refrigerant compressed thus, and a first heat exchanger unit and a second heat exchanger unit each for making heat exchange as the refrigerant passes therethrough, wherein, if a defrosting mode is performed for one of the first heat exchanger unit and a second heat exchanger unit, the refrigerant compressed at the compressor unit is supplied to one of the first heat exchanger unit and the second heat exchanger unit, and then the refrigerant is supplied to the other one of the first heat exchanger unit and the second heat exchanger unit after the refrigerant is passed through an expansion valve, thereby permitting to reduce power consumption of the refrigerator while defrosting the evaporator.

IPC 8 full level  
**F25B 1/10** (2006.01); **F25B 5/02** (2006.01); **F25B 47/02** (2006.01)

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**F25B 1/10** (2013.01 - EP US); **F25B 5/00** (2013.01 - US); **F25B 5/02** (2013.01 - EP US); **F25B 41/20** (2021.01 - EP KR US); **F25B 47/022** (2013.01 - EP US); **F25D 17/08** (2013.01 - KR); **F25D 21/10** (2013.01 - KR); **F25B 2400/0403** (2013.01 - EP US); **F25B 2400/0411** (2013.01 - EP US)

Citation (examination)  
• US 4644758 A 19870224 - MAEHARA KAZUO [JP], et al  
• US 4474026 A 19841002 - MOCHIZUKI TAKETOSHI [JP], et al  
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DOCDB simple family (publication)  
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