

Title (en)  
SEPARATE-COOLING TYPE REFRIGERATOR

Title (de)  
KÜHLVORRICHTUNG MIT GETRENNTER KÜHLUNG

Title (fr)  
RÉFRIGÉRATEUR DE TYPE À REFROIDISSEMENT SÉPARÉ

Publication  
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Application  
**EP 07834361 A 20071128**

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Abstract (en)

[origin: WO2008082084A1] The present invention relates to a separate-cooling type refrigerator, and more particularly, to a separate-cooling type refrigerator which can perform rapid cooling by substantially simultaneously cooling a freezing chamber (F) and a refrigerating chamber (R). A separate-cooling type refrigerator includes a compressor (420), a condenser (440) for condensing refrigerant from the compressor (420), a condensation fan (660), a 3-way valve (500) for supplying the refrigerant from the condenser (440) to first and second evaporators (482, 484), first and second evaporator units for cooling a freezing space (F) and a refrigerating space (R), respectively, by evaporating the supplied refrigerant, and first and second blowing fans (620, 640) for circulating cool air generated by the first evaporator unit (482) and the second evaporator unit (484), respectively. When the freezing space (F) and the refrigerating space (R) are in need of cooling at the same time, a refrigerant passage is formed toward the first evaporator unit (482) and/or the second evaporator unit (484) so as to substantially simultaneously cool the freezing space (F) and the refrigerating space (R).

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