

Title (en)  
COLD SOURCE UNIT, REFRIGERATION CYCLE APPARATUS, AND REFRIGERATOR

Title (de)  
KÄLTEQUEELLEINHEIT, KÄLTEKREISLAUFGERÄT UND KÄLTEGERÄT

Title (fr)  
UNITÉ DE SOURCE FROIDE, APPAREIL À CYCLE DE RÉFRIGÉRATION, ET RÉFRIGÉRATEUR

Publication  
**EP 4160119 B1 20240619 (EN)**

Application  
**EP 20938279 A 20200526**

Priority  
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Abstract (en)  
[origin: EP4160119A1] A cold source unit (2) includes a first flow path (F1) configured to receive refrigerant from an evaporator (60) and send out the refrigerant toward a first expansion device (50) via a compressor (10) and a condenser (20); a second flow path (F2) configured to send, to the compressor (10) not via the first expansion device (50) and the evaporator (60), the refrigerant that has passed through the condenser (20); a second expansion device (92) provided at the second flow path (F2); and a plurality of temperature sensors (121 to 123) disposed at the second flow path (F2). A controller (100) is configured to control a refrigeration cycle apparatus (1) such that temperatures detected by the plurality of temperature sensors become equal to each other, and calculate an average value of the temperatures detected by the plurality of temperature sensors, and perform correction on each of the plurality of temperature sensors based on a difference between the average value and a temperature detected by a corresponding one of the plurality of temperature sensors.

IPC 8 full level  
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