

Title (en)
REFRIGERATION CYCLE DEVICE

Title (de)
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF À CYCLE FRIGORIFIQUE

Publication
EP 3936786 B1 20231004 (EN)

Application
EP 19917871 A 20190306

Priority
JP 2019008866 W 20190306

Abstract (en)
[origin: EP3936786A1] The refrigeration cycle apparatus (100) includes a compressor (1), a first heat exchanger (3a), a second heat exchanger (3b), a third heat exchanger (5), a first expansion valve (4a), and a first switch (7). The first switch (7) switches each of a first flow path (F1) and a second flow path (F2) between an open state and a closed state. When the first flow path (F1) is open, the refrigerant is circulated in the first circulation direction through the compressor (1), the first heat exchanger (3a), the first port (P1), the second port (P2), the second heat exchanger (3b), the first expansion valve (4a), and the third heat exchanger (5). When the second flow passage (F2) is open, the refrigerant is circulated in the second circulation direction through the compressor (1), the first heat exchanger (3a), the first port (P1), the third port (P3), the first expansion valve (4a), and the third heat exchanger (5). When the circulation direction of the refrigerant is switched from the first circulation direction to the second circulation direction, a part of the refrigerant is stored in the second heat exchanger (3b).

IPC 8 full level
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