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(71) Applicant: **Sanden Corporation**
Isesaki-shi,
Gunma 372-8502 (JP)

(72) Inventors:

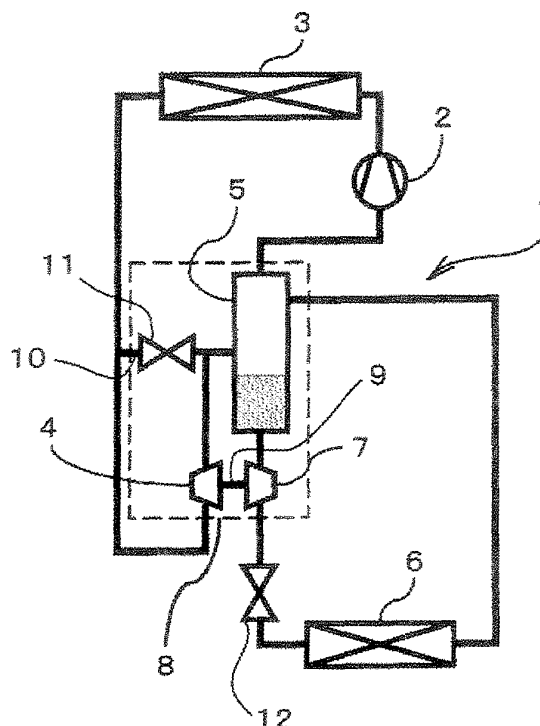
- **Tsuboi, Masato**
Isesaki-shi Gunma 372-8502 (JP)
- **Suzuki, Kenichi**
Isesaki-shi Gunma 372-8502 (JP)
- **Matsumoto, Yuuichi**
Isesaki-shi Gunma 372-8502 (JP)

(74) Representative: **Haley, Stephen**
Gill Jennings & Every LLP
Broadgate House
7 Eldon Street
London EC2M 7LH (GB)

(54) **Vapor compression refrigerating cycle**

(57) A vapor compression refrigerating cycle (1) has an evaporator (6), a compressor (2), a radiator (3), an expander (4) and a gas/liquid separator (5) for separating refrigerant flowed out from the expander (4) and refrigerant flowed in from the evaporator (6) into gas-phase refrigerant and liquid-phase refrigerant, flowing out the liquid-phase refrigerant to the evaporator side and flowing out the gas-phase refrigerant to the compressor side, wherein a pumping means (7) for sending liquid-phase refrigerant flowed out from the gas/liquid separator (5) to the evaporator side is provided between the gas/liquid separator (5) and the evaporator (6), and at least the pumping means (7) is constructed integrally with the gas/liquid separator (5). In this structure, the number of parts of the refrigerating cycle (1) may be decreased and the cost, the size and the weight of refrigerating cycle (1) may be reduced.

FIG. 1





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