

Title (en)

Control method of refrigeration cycle apparatus

Title (de)

Regelungsverfahren einer Kälteanlage

Title (fr)

Procédé de contrôle d'un appareil à cycle de réfrigération

Publication

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Application

EP 06024851 A 20061130

Priority

JP 2005345487 A 20051130

Abstract (en)

It is an object of the present invention to stably operate the refrigeration cycle apparatus having an expansion mechanism capable of recovering pressure energy at the time of expansion, and to enhance the stability at the time of actuation. A control method of the refrigeration cycle apparatus including a compressing mechanism 2, a heat source-side heat exchanger 6, the expansion mechanism 5 which recovers power, and a utilizing-side heat exchanger 3. The number of revolutions of the expansion mechanism 5 is controlled such that the number of revolutions becomes equal to a target number of revolutions of the expansion mechanism 5 determined from a discharging temperature of the compressing mechanism 2. The number of revolutions of the expansion mechanism 5 can appropriately be controlled, the refrigeration cycle apparatus can be operated stably, and the stability of the refrigeration cycle apparatus at the time of actuation can be enhanced.

IPC 8 full level

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