

Title (en)
Heating/cooling system

Title (de)
Heiz- und /oder Kühlsystem

Title (fr)
Système de chauffage et/ou de refroidissement

Publication
EP 1564506 A2 20050817 (EN)

Application
EP 05250429 A 20050127

Priority
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Abstract (en)
An object is to provide a heating/cooling system (100) capable of achieving reduction of power consumption, and enhancement of performance in a heating/cooling system usable in such a manner as to be switched to be hot/cold. The heating/cooling system having a storage chamber (1) usable in such a manner as to be switched to be hot/cold, comprises: a refrigerant circuit (10) comprising a compressor (11), a gas cooler (12), a pressure reducing device (16), an evaporator (17) and the like, containing carbon dioxide sealed as a refrigerant therein, and having a supercritical pressure on a high-pressure side; a radiator (14) through which the refrigerant flowing out of the gas cooler (12) flows before entering the pressure reducing device (16); and an air blower (22) which sends air through the gas cooler (12), the inside of the storage chamber (1) is heated by the radiator (14), the inside of the storage chamber (1) is cooled by the evaporator (17), and the air blower (22) is stopped in a case where the inside of the storage chamber (1) is heated by the radiator (14).

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Cited by
CN109524746A; CN104654661A; CN112545255A; WO2016156777A1

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