

Title (en)

METHOD AND APPARATUS FOR SATISFYING HEATING AND COOLING DEMANDS AND CONTROL THEREFOR

Publication

EP 0027243 B1 19841219 (EN)

Application

EP 80106074 A 19801007

Priority

- US 8283779 A 19791009
- US 8729079 A 19791022

Abstract (en)

[origin: EP0027243A1] Apparatus (10) for satisfying heating and cooling demands comprising a cooling circuit (12) for satisfying the cooling demand and including a high pressure side (60) and a low pressure side (62); a heating circuit (14) for satisfying the heating demand and including a booster compressor (26) for drawing and compressing refrigerant vapor from the high pressure side (62) of the cooling circuit (12), and return means (72, 74, 32) for returning refrigerant from the heating circuit (14) to the cooling circuit (12); characterized by a sensor (Th.S.) for sensing the temperature of vapor discharged from the booster compressor (26); and means (38, 40, 42, 44, 46) responsive to the sensor (Th.S.) for terminating the heating action of the heating circuit (14) when the temperature of the vapor discharged from the booster compressor (26) exceeds a preset temperature.

IPC 1-7

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