

Title (en)
Heat pump hydronic heater

Title (de)
Hydronischer Wärmepumpenheizer

Title (fr)
Dispositif de chauffage hydronique à pompe thermique

Publication
EP 2639516 A2 20130918 (EN)

Application
EP 13158797 A 20130312

Priority
JP 2012054150 A 20120312

Abstract (en)
In a heat pump hydronic heater of the present invention, the control device 11a stops operation of the compressor 1 if the discharge pressure detected by the discharge pressure detecting means 1b is lower than a first set pressure and a discharge superheat degree detected by the discharge superheat degree detecting means is equal to or higher than a predetermined value when predetermined time is elapsed after the compressor 1 is started, or if the discharge pressure detected by the discharge pressure detecting means 1b is lower than a second set pressure which is set lower than the first set pressure. Therefore, it is possible to enhance usability without erroneously detecting leakage of a refrigerant.

IPC 8 full level
F24D 19/10 (2006.01); **F25B 49/00** (2006.01)

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Citation (applicant)
JP 2011047607 A 20110310 - PANASONIC CORP

Cited by
EP4317853A1; WO2016051336A1

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