

Title (en)
Heat pump hydronic heater

Title (de)
Hydronischer Wärmepumpenheizer

Title (fr)
Dispositif de chauffage hydronique à pompe thermique

Publication
EP 2639516 A3 20140326 (EN)

Application
EP 13158797 A 20130312

Priority
JP 2012054150 A 20120312

Abstract (en)
[origin: EP2639516A2] 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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F24D 19/1039 (2013.01 - EP US); **F24D 19/1072** (2013.01 - EP US); **F24H 15/38** (2022.01 - EP US); **F25B 49/005** (2013.01 - EP); **F25B 2700/1931** (2013.01 - EP)

Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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