

Title (en)
APPARATUS USING HEAT PUMP

Title (de)
VORRICHTUNG MIT WÄRMEPUMPE

Title (fr)
APPAREIL UTILISANT UNE POMPE À CHALEUR

Publication
EP 3591312 B1 20220629 (EN)

Application
EP 17899065 A 20170228

Priority
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Abstract (en)
[origin: EP3591312A1] A heat-pump using apparatus includes a refrigerant circuit, a heat medium circuit, and a heat exchanger which causes heat exchange to be performed between refrigerant and a heat medium. A main circuit of the heat medium circuit includes a branching part and a joining part. To the main circuit, a pressure protection device and a refrigerant leakage detecting device are connected. The pressure protection device is connected to a connection part located between the heat exchanger and one of the branching part and the joining part in the main circuit. The refrigerant circuit includes a first blocking device and a second blocking device between which the heat exchanger is located.

IPC 8 full level
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