

Title (en)
OUTDOOR UNIT AND REFRIGERATION CYCLE DEVICE

Title (de)
AUSSENEINHEIT UND KÜHLZYKLUSVORRICHTUNG

Title (fr)
UNITÉ EXTÉRIEURE ET DISPOSITIF À CYCLE FRIGORIFIQUE

Publication
EP 4030116 B1 20231011 (EN)

Application
EP 19944704 A 20190909

Priority
JP 2019035373 W 20190909

Abstract (en)
[origin: EP4030116A1] An outdoor unit (2) includes: a first flow path (F1); a second flow path (F2); a second expansion device (71), a receiver (73), and a flow rate control valve (72) disposed on the second flow path (F2) in order from a branch point; a heat exchanger (30); and a controller (100). The heat exchanger (30) exchanges heat between refrigerant flowing in a first passage (H1) and the refrigerant flowing in a second passage (H2). When a pump down operation for recovering the refrigerant to the receiver (73) is started, the controller (100) is configured to control a control state of a compressor (10) and the flow rate control valve (72), at a first time point, to a first state in which the flow rate control valve (72) is closed while the compressor (10) is operated. During the pump down operation, the controller (100) is configured to transition, at a second time point after the first time point, the control state from the first state to a second state in which the flow rate control valve (72) is opened while the compressor (10) is operated.

IPC 8 full level
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CPC (source: EP)
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