

Title (en)
AIR CONDITIONING SYSTEM

Title (de)
KLIMATISIERUNGSSYSTEM

Title (fr)
SYSTÈME DE CONDITIONNEMENT D'AIR

Publication
EP 3315877 B1 20190605 (EN)

Application
EP 16857220 A 20160921

Priority
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• JP 2016077763 W 20160921

Abstract (en)
[origin: EP3315877A1] An air conditioning system (1) includes a backup operation control unit (61A, 61B) configured to perform backup operation on an operational outdoor unit of a plurality of outdoor units (2A, 2B) when a compressor (10) of any of the plurality of outdoor units (2A, 2B) becomes non-operational; and the backup operation control unit (61A, 61B) is provided with a four-way selector valve synchronization control unit (62A, 62B) configured to operate a four-way selector valve (13) in backup operation to switch from a cooling cycle position to a heating cycle position, such that the four-way selector valve synchronization control unit (62A, 62B) operates the four-way selector valve (13) of the operational outdoor unit temporarily in a cooling cycle position so as to reduce a low pressure of the non-operational outdoor unit and to secure an operating pressure difference of the four-way selector valve (13) of the non-operational outdoor unit, and then operates the four-way selector valve (13) of the non-operational outdoor unit to switch to a heating cycle position, and subsequently operates the four-way selector valve (13) of the operational outdoor unit to switch to a heating cycle position, and synchronizes the four-way selector valves (13).

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