

Title (en)
AIR CONDITIONING DEVICE, AIR CONDITIONING METHOD, AND PROGRAM

Title (de)
KLIMATISIERUNGSANLAGE, KLIMATISIERUNGSVERFAHREN UND PROGRAMM

Title (fr)
DISPOSITIF DE CLIMATISATION, PROCÉDÉ DE CLIMATISATION ET PROGRAMME

Publication
EP 3505838 A4 20191023 (EN)

Application
EP 16914219 A 20160825

Priority
JP 2016074883 W 20160825

Abstract (en)
[origin: EP3505838A1] An air conditioning device (100) operates in an operating mode selected from a first cooling mode, a second cooling mode, and a dehumidifying mode. The air conditioning device (100) includes a refrigerant circuit (102) in which a refrigerant circulates through, in order, a compressor (111), an outdoor heat exchanger (113), a first expansion valve (115), a first indoor heat exchanger (121), a second expansion valve (123), and a second indoor heat exchanger (122). In the first cooling mode, the refrigerant evaporation temperature of the first indoor heat exchanger (121) is equal to the refrigerant evaporation temperature of the second indoor heat exchanger (122). In the second cooling mode, the refrigerant evaporation temperature of the first indoor heat exchanger (121) is higher than the refrigerant evaporation temperature of the second indoor heat exchanger (122) and lower than the temperature of the air in an indoor space to be air conditioned. In the dehumidification mode, the refrigerant evaporation temperature of the first indoor heat exchanger (121) is higher than the temperature of the air in the indoor space.

IPC 8 full level
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Citation (search report)

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- [Y] JP 2014074516 A 20140424 - DENSO CORP
- [Y] EP 2333444 A1 20110615 - DAIKIN IND LTD [JP]
- See references of WO 2018037545A1

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