

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 3988852 A1 20220427 (EN)**

Application

**EP 21206751 A 20160825**

Priority

- EP 21206751 A 20160825
- EP 16914219 A 20160825
- JP 2016074883 W 20160825

Abstract (en)

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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CPC (source: EP)

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Citation (applicant)

JP H0518630 A 19930126 - TOSHIBA CORP

Citation (search report)

- [Y] JP 2004020085 A 20040122 - MATSUSHITA ELECTRIC IND CO LTD
- [Y] JP 2014074516 A 20140424 - DENSO CORP
- [Y] EP 2333444 A1 20110615 - DAIKIN IND LTD [JP]
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- [Y] JP 2015017728 A 20150129 - HITACHI APPLIANCES INC
- [A] KR 20040069616 A 20040806 - LG ELECTRONICS INC

Designated contracting state (EPC)

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