

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

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Application
EP 20865415 A 20200626

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Abstract (en)
[origin: EP4033177A1] An air conditioner according to one embodiment carries out a heating operation and a cooling operation, carries out a cooling/heating mixed operation in which a higher priority is given to cooling by causing a portion of exhaust gas to flow into one of a plurality of intermediate heat exchangers and condensing the same, condensing the remaining exhaust gas in an outdoor-side heat exchanger, causing the obtained condensate to flow through a liquid tube and mixing the same with the refrigerant condensed by the intermediate heat exchanger, and causing the mixed condensate to flow through a second expansion valve into the other intermediate heat exchanger and evaporating the same, and carries out a cooling/heating mixed operation in which a higher priority is given to heating by causing exhaust gas to flow into one of the plurality of intermediate heat exchangers and condensing the same, causing a portion of the exhaust gas to flow through a liquid tube into the outdoor-side heat exchanger and evaporating the same, and causing the remaining condensate to flow through the second expansion valve into the other intermediate heat exchanger and evaporating the same.

IPC 8 full level
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• [XAY] JP 2017101855 A 20170608 - FUJITSU GENERAL LTD
• [IAY] EP 2431675 B1 20190911 - MITSUBISHI ELECTRIC CORP [JP]
• [Y] KR 100619775 B1 20060911
• See references of WO 2021053924A1

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