

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 4033177 A1 20220727 (EN)**

Application  
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Abstract (en)  
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.

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