

Title (en)  
HEAT EXCHANGER AND REFRIGERATION CYCLE DEVICE

Title (de)  
WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG

Title (fr)  
ÉCHANGEUR DE CHALEUR ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication  
**EP 4368919 A1 20240515 (EN)**

Application  
**EP 21949289 A 20210707**

Priority  
JP 2021025605 W 20210707

Abstract (en)  
A heat exchanger (HE) includes: a first heat transfer portion (31a) having a plurality of first heat transfer tubes (31); a second heat transfer portion (32a) having a plurality of second heat transfer tubes (32); and a zeotropic refrigerant flowing through the plurality of first heat transfer tubes (31a) of the first heat transfer portion (31) and the plurality of second heat transfer tubes (32a) of the second heat transfer portion (32). The plurality of first heat transfer tubes (31a) of the first heat transfer portion (31) and the plurality of second heat transfer tubes (32a) of the second heat transfer portion (32) are arranged in a line. The first heat transfer portion (31) and the second heat transfer portion (32) are configured to allow the zeotropic refrigerant to flow from the first heat transfer portion (31) and turn only once into the second heat transfer portion (32).

IPC 8 full level  
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CPC (source: EP)  
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