

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
APPAREIL DE CONDITIONNEMENT D'AIR

Publication
EP 3760957 B1 20221130 (EN)

Application
EP 19761287 A 20190222

Priority
• JP 2019006840 W 20190222
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Abstract (en)
[origin: EP3760957A1] A heat exchanger (10) includes heat transfer units (30) in each of which a plurality of heat transfer channel portions (31) and a plurality of auxiliary heat transfer portions (32), each of which extends in a first direction (D1), are formed so as to be arranged in a second direction (D2) that is diagonal or perpendicular to the first direction (D1). Here, the heat transfer units (30) are arranged in a third direction (D3) that is different from either of the first direction (D1) and the second direction (D2), and form a heat transfer unit group (15). In the heat exchanger (10), the heat transfer units (30) are each partitioned into an airflow-upstream region (WU) and an airflow-downstream region (WL) in the second direction (D2). When used as an evaporator, the heat exchanger (10) causes a refrigerant (F) to flow into a heat transfer channel portion (31U) disposed in the airflow-upstream region (WU), and then causes the refrigerant (F) to flow out to a heat transfer channel portion (31L) disposed in the airflow-downstream region (WL).

IPC 8 full level
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