

Title (en)

HEAT EXCHANGER AND AIR-CONDITIONING AND REFRIGERATING APPARATUS WITH HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER UND KLIMAAANLAGE SOWIE KÜHLVORRICHTUNG MIT WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR ET APPAREIL DE CLIMATISATION ET DE RÉFRIGÉRATION MUNI D'UN ÉCHANGEUR DE CHALEUR

Publication

EP 3173725 A4 20180404 (EN)

Application

EP 14898303 A 20140725

Priority

JP 2014069642 W 20140725

Abstract (en)

[origin: EP3173725A1] A heat exchanger includes a heat exchange unit 10 including a plurality of flat pipe groups 11 A and 11 B arranged in rows in a direction of depth of the heat exchanger and corrugated fins 12 each shared between the plurality of flat pipe groups 11 A and 11 B in the rows. The plurality of flat pipe groups 11 A and 11 B have an inter-row gap 16 between the plurality of flat pipe groups 11 A and 11 B and each include a plurality of flat pipes 11 standing in a gravitational direction. The corrugated fins 12 each include a first drainage portion 17 between adjacent ones of the rows of the plurality of flat pipe groups 11 A and 11 B to communicate with the inter-row gap 16.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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