

Title (en)

LAMINATED HEADER, HEAT EXCHANGER, AND AIR-CONDITIONING APPARATUS

Title (de)

LAMINIERTES KOPFTEIL, WÄRMETAUSCHER UND KLIMAANLAGENVORRICHTUNG

Title (fr)

COLLECTEUR STRATIFIÉ, ÉCHANGEUR DE CHALEUR, ET APPAREIL DE CLIMATISATION

Publication

**EP 3064880 B1 20210324 (EN)**

Application

**EP 13896215 A 20131030**

Priority

JP 2013079346 W 20131030

Abstract (en)

[origin: EP3064880A1] A stacking-type header of the present invention includes a first plate-like body and a plurality of second plate-like bodies. The first plate body has first opening ports 30. Flat tubes 20 are connected to the opening ports 30 of the first plate-like body. The plurality of second plate-like bodies have second opening ports 40. The plurality of second plate-like bodies are stacked on the first plate-like body so that the second opening ports 40 communicate with the first opening ports 30 to form flow passages. Each of the flow passages has a flow passage area that continuously or gradually changes in a stacking direction of the plurality of second plate-like bodies.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP4012296A4; US11555655B2; US10794636B2

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