

Title (en)

LAMINATED HEADER, HEAT EXCHANGER AND REFRIGERATION CYCLE DEVICE

Title (de)

LAMINIERTES KOPFTEIL, WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG

Title (fr)

COLLECTEUR STRATIFIÉ, ÉCHANGEUR THERMIQUE ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication

**EP 3499169 B1 20200527 (EN)**

Application

**EP 17902575 A 20171013**

Priority

JP 2017037256 W 20171013

Abstract (en)

[origin: EP3499169A1] In a laminated header, second flow passages and fourth flow passages are configured in such a manner that refrigerant flowing through each of the second flow passages and the fourth flow passages flows in a direction opposite to a direction in which the refrigerant flows through each of a first flow passage, third flow passages, fifth flow passages, and sixth flow passages.

IPC 8 full level

**F28F 9/02** (2006.01); **F25B 39/00** (2006.01); **F25B 41/00** (2006.01)

CPC (source: EP)

**F25B 39/00** (2013.01); **F25B 39/028** (2013.01); **F25B 39/04** (2013.01); **F25B 41/00** (2013.01); **F28F 9/02** (2013.01); **F28F 9/0221** (2013.01); **F28F 9/0278** (2013.01)

Cited by

EP4235059A4; EP4317898A1; US11740026B2; US11913689B2; WO2024028069A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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