

Title (en)

LAMINATED HEADER, HEAT EXCHANGER, AND AIR CONDITIONING DEVICE

Title (de)

LAMINIERTES KOPFTEIL, WÄRMETAUSCHER UND KLIMAANLAGENVORRICHTUNG

Title (fr)

COLLECTEUR STRATIFIÉ, ÉCHANGEUR THERMIQUE ET DISPOSITIF DE CLIMATISATION

Publication

**EP 3112791 A1 20170104 (EN)**

Application

**EP 14879458 A 20140127**

Priority

JP 2014051665 W 20140127

Abstract (en)

A stacking header 3 includes a first plate unit having a first inlet flow path and a first outlet flow path, a second plate unit attached to the first plate unit and having at least a part of a first passing flow path for refrigerant flowing from the first inlet flow path to pass through and at least a part of a second passing flow path for refrigerant to pass through to the first outlet flow path, and a first pipe connecting an end portion of the first passing flow path not communicating with the first inlet flow path and an end portion of the second passing flow path not communicating with the first outlet flow path, to constitute a first turnback flow path.

IPC 8 full level

**F28F 9/02** (2006.01); **F25B 39/02** (2006.01); **F25B 39/04** (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)

**F25B 13/00** (2013.01); **F25B 39/00** (2013.01); **F28D 1/0435** (2013.01); **F28D 1/0471** (2013.01); **F28D 1/05391** (2013.01); **F28F 1/32** (2013.01); **F28F 9/02** (2013.01); **F28F 9/0221** (2013.01); **F28F 9/262** (2013.01); **F28D 2021/0068** (2013.01)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3112791 A1 20170104**; **EP 3112791 A4 20180404**; **EP 3112791 B1 20181219**; JP 6120998 B2 20170426; JP WO2015111216 A1 20170323; WO 2015111216 A1 20150730

DOCDB simple family (application)

**EP 14879458 A 20140127**; JP 2014051665 W 20140127; JP 2015558708 A 20140127