

Title (en)

REFRIGERANT DISTRIBUTOR AND HEAT PUMP DEVICE USING REFRIGERANT DISTRIBUTOR

Title (de)

KÜHLMITTELVERTEILER UND WÄRMEPUMPENVORRICHTUNG MIT KÜHLMITTELVERTEILUNG

Title (fr)

DISTRIBUTEUR DE RÉFRIGÉRANT ET DISPOSITIF DE POMPE À CHALEUR UTILISANT LE DISTRIBUTEUR DE RÉFRIGÉRANT

Publication

EP 2955464 A1 20151216 (EN)

Application

EP 13873009 A 20130122

Priority

JP 2013051146 W 20130122

Abstract (en)

A refrigerant distribution device 10 is provided for distributing refrigerant to a plurality of heat transfer tubes 3 that constitute a heat exchanger 1. The refrigerant distribution device 10 includes a first distribution device 20 dividing refrigerant into a plurality of portions, and a plurality of two-way branch pipes 30 each dividing refrigerant divided by the first distribution device 20 into two portions to flow into two of the plurality of heat transfer tubes 3.

IPC 8 full level

F25B 41/00 (2006.01); **F25B 13/00** (2006.01); **F25B 39/02** (2006.01); **F28D 1/047** (2006.01); **F28F 9/22** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP US)

F25B 13/00 (2013.01 - US); **F25B 39/028** (2013.01 - EP US); **F25B 41/00** (2013.01 - US); **F25B 41/42** (2021.01 - EP); **F28D 1/0476** (2013.01 - EP US); **F28F 9/26** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US)

Cited by

EP3594591A4; US11112149B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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