

Title (en)  
A REFRIGERANT DISTRIBUTING DEVICE, AND HEAT EXCHANGER EQUIPPED WITH SUCH A REFRIGERANT DISTRIBUTING DEVICE

Title (de)  
KÄLTEMITTELVERTEILER UND WÄRMETAUSCHER MIT DEM KÄLTEMITTELVERTEILER

Title (fr)  
DISTRIBUTEUR DE FLUIDE RÉFRIGÉRANT, ET ÉCHANGEUR DE CHALEUR ÉQUIPÉ AVEC LE DISTRIBUTEUR DE FLUIDE RÉFRIGÉRANT

Publication  
**EP 2853843 B1 20200311 (EN)**

Application  
**EP 12875000 A 20120426**

Priority  
JP 2012002860 W 20120426

Abstract (en)  
[origin: EP2853843A1] A header 10a that has a configuration in which the header 10a is connected to one end of each of a plurality of flattened pipes 20 of a heat exchanger 1 that flows a refrigerant in parallel to the plurality of flattened pipes 20 disposed in parallel and an interior of the header 10a is divided by one or more division plates 11 in a parallel direction in which the plurality of heat-transfer pipes 20 are disposed in parallel, the header 10a being mounted so as to stand in an up-down direction, and a distributor 40 configured to distribute the refrigerant to each chamber within the header 10a divided by the division plates 11, are provided.

IPC 8 full level  
**F25B 39/02** (2006.01); **F25B 39/04** (2006.01); **F25B 41/00** (2006.01); **F28D 1/04** (2006.01); **F28D 1/053** (2006.01); **F28D 21/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: CN EP US)  
**F25B 39/028** (2013.01 - EP US); **F25B 39/04** (2013.01 - EP US); **F25B 41/00** (2013.01 - CN); **F25B 41/42** (2021.01 - EP); **F28D 1/0417** (2013.01 - US); **F28F 9/0202** (2013.01 - US); **F28F 9/0209** (2013.01 - CN EP US); **F28F 9/027** (2013.01 - EP US); **F28F 9/0273** (2013.01 - CN); **F25B 2339/044** (2013.01 - EP US); **F28D 1/053** (2013.01 - EP US); **F28D 2021/0071** (2013.01 - EP US)

Cited by  
CN112567193A; EP3884232A4; WO2020180110A1; US11698234B2

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DOCDB simple family (publication)  
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**EP 12875000 A 20120426**; CN 201280072638 A 20120426; CN 201320217831 U 20130426; ES 12875000 T 20120426; JP 2012002860 W 20120426; JP 2014512021 A 20120426; US 201214395875 A 20120426