

Title (en)

HEAT EXCHANGER AND REFRIGERATION CYCLE DEVICE PROVIDED THEREWITH

Title (de)

WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG DAMIT

Title (fr)

ÉCHANGEUR DE CHALEUR ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION ÉQUIPÉ DE CET ÉCHANGEUR

Publication

EP 2706317 A4 20141119 (EN)

Application

EP 11865155 A 20110506

Priority

JP 2011002550 W 20110506

Abstract (en)

[origin: EP2706317A1] A compact, readily-manufacturable heat exchanger and a refrigeration cycle apparatus equipped with the same are provided. One of opposite ends of a main body (10) in a refrigerant flowing direction is provided with a first inlet communication hole (3a) that extends in a direction of arrangement of first refrigerant channels (1a) and that communicates with all of the first refrigerant channels (1a). The other end is provided with a first outlet communication hole (4a) that extends in the direction of arrangement of the first refrigerant channels (1a) and that communicates with all of the first refrigerant channels (1a).

IPC 8 full level

F28D 7/00 (2006.01); **F28F 7/02** (2006.01); **F25B 7/00** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP US)

F25B 7/00 (2013.01 - EP US); **F28F 1/00** (2013.01 - US); **F28F 7/02** (2013.01 - EP US); **F25B 2400/13** (2013.01 - EP US); **F28D 7/0008** (2013.01 - EP US); **F28F 21/081** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US)

Citation (search report)

- [X] FR 1331710 A 19630705 - UNION CARBIDE CORP
- [X] FR 2181845 A1 19731207 - SIGRI ELEKTROGRAPHIT GMBH [DE]
- [A] WO 2009136277 A1 20091112 - REFCOMP SPA [IT], et al
- See references of WO 2012153360A1

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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