

Title (en)
HEAT EXCHANGER, AND REFRIGERATION CYCLE DEVICE PROVIDED WITH HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG MIT DEM WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION POURVU DUDIT ÉCHANGEUR

Publication
EP 3144624 A4 20180214 (EN)

Application
EP 14892097 A 20140515

Priority
JP 2014063003 W 20140515

Abstract (en)
[origin: EP3144624A1] Fins 1 have a region L not provided with a heat transfer promoting portion 3 and a region other than the region L provided with the heat transfer promoting portion 3, and the region L is set to a region between a lower end portion of a heat transfer tube 2A and an upper end portion of a heat transfer tube 2B.

IPC 8 full level
F28F 1/32 (2006.01)

CPC (source: EP US)
F24F 1/18 (2013.01 - EP); **F25B 30/02** (2013.01 - US); **F25B 39/00** (2013.01 - EP US); **F25B 47/006** (2013.01 - US); **F28D 1/024** (2013.01 - EP); **F28D 1/0435** (2013.01 - EP); **F28D 1/047** (2013.01 - EP); **F28D 1/0477** (2013.01 - EP); **F28F 1/32** (2013.01 - EP US); **F28F 1/325** (2013.01 - EP); **F25B 13/00** (2013.01 - EP); **F25B 39/02** (2013.01 - US); **F28D 2021/0061** (2013.01 - EP); **F28F 2250/08** (2013.01 - EP)

Citation (search report)

- [X] JP 2013139978 A 20130718 - MITSUBISHI HEAVY IND LTD
- [X] JP 2008215670 A 20080918 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2015173938A1

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)
EP 14892097 A 20140515; CN 201480078695 A 20140515; CN 202210159443 A 20140515; JP 2014063003 W 20140515; JP 2015518668 A 20140515; US 201415308389 A 20140515