

Title (en)  
REFRIGERATION CYCLE APPARATUS

Title (de)  
KÄLTEKREISLAUFVORRICHTUNG

Title (fr)  
APPAREIL À CYCLE DE RÉFRIGÉRATION

Publication  
**EP 3239640 A4 20180926 (EN)**

Application  
**EP 14909044 A 20141226**

Priority  
JP 2014084466 W 20141226

Abstract (en)  
[origin: EP3239640A1] In a refrigeration cycle apparatus, HFO-1123 or a refrigerant mixture containing HFO-1123 is used as refrigerant, at least one of a first or second heat exchanger includes a plurality of fins and a plurality of flat tubes, the plurality of flat tubes each include a plurality of passages through which the refrigerant flows, and, where the plurality of flat tubes each have a thickness DA, a relationship expressed by  $0.9 \text{ mm} \leq DA \leq 3.0 \text{ mm}$  is satisfied.

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

CPC (source: EP)  
**F25B 1/00** (2013.01); **F28D 1/05366** (2013.01); **F28F 1/02** (2013.01); **F28F 1/022** (2013.01); **F28D 2021/0068** (2013.01)

Citation (search report)

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- [Y] EP 2711405 A1 20140326 - ASAHI GLASS CO LTD [JP]
- [A] JP 2002318086 A 20021031 - JAPAN CLIMATE SYSTEMS CORP
- [A] JP H06185885 A 19940708 - FURUKAWA ELECTRIC CO LTD, et al
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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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