

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 3483544 A4 20191009 (EN)**

Application  
**EP 16908178 A 20160707**

Priority  
JP 2016070185 W 20160707

Abstract (en)  
[origin: EP3483544A1] Provided is a heat exchanger preventing dew condensation water generated on a fin surface from being scattered downwind. The heat exchanger includes at least one heat transfer tube (2) and a fin (3). The heat transfer tube (2) includes a flow path (5) in which refrigerant flows. The fin (3) is connected to the heat transfer tube (2). The fin (3) has a first end, a flat portion (3a), and a second end (3b). The flat portion (3a) has at least one rib (15) in a line shape protruding from the flat portion (3a). The rib (15) includes a rib central portion (15b) and portion having a straight-line portion (15a). The rib central portion (15b) is located centrally between the first end and the second end. The aforementioned portion continues from the rib central portion (15b) and formed to approach any one of the first end and the second end in a downstream direction of flowing air.

IPC 8 full level  
**F28F 1/30** (2006.01); **F25B 39/02** (2006.01); **F28D 1/053** (2006.01); **F28D 21/00** (2006.01); **F28F 1/02** (2006.01); **F28F 1/12** (2006.01); **F28F 1/32** (2006.01); **F28F 19/00** (2006.01)

CPC (source: EP)  
**F25B 39/02** (2013.01); **F28D 1/05366** (2013.01); **F28F 1/022** (2013.01); **F28F 1/128** (2013.01); **F28F 1/325** (2013.01); **F28F 17/005** (2013.01); **F28F 19/006** (2013.01); **F28D 2021/0068** (2013.01); **F28F 2265/22** (2013.01)

Citation (search report)

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- [X] US 3298432 A 19670117 - STANISLAUS PRZYBOROWSKI
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- [A] JP 2005201492 A 20050728 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2018008134A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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