

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
**EP 3124905 B1 20200506 (EN)**

Application  
**EP 16182173 A 20160801**

Priority  
KR 20150108929 A 20150731

Abstract (en)  
[origin: EP3124905A1] Disclosed is a heat exchanger having the advantage of rapidly moving condensed water downward because a condensed water discharge fin formed on a first fin and a condensed water discharge fin formed on a second fin are spaced apart from each other, or are arranged in contact with each other.

IPC 8 full level  
**F28D 1/053** (2006.01); **F28B 9/08** (2006.01); **F28D 21/00** (2006.01); **F28F 1/12** (2006.01); **F28F 17/00** (2006.01)

CPC (source: CN EP KR US)  
**F25B 39/00** (2013.01 - US); **F25B 39/02** (2013.01 - CN); **F28D 1/04** (2013.01 - KR); **F28D 1/05383** (2013.01 - EP US);  
**F28F 1/02** (2013.01 - KR); **F28F 1/128** (2013.01 - EP US); **F28F 1/32** (2013.01 - KR); **F28F 1/325** (2013.01 - KR); **F28F 9/013** (2013.01 - KR);  
**F28F 17/005** (2013.01 - CN EP KR US); **F25B 39/02** (2013.01 - US); **F28D 2021/0068** (2013.01 - US); **F28D 2021/0071** (2013.01 - EP US);  
**F28D 2021/0085** (2013.01 - EP US); **F28F 2260/02** (2013.01 - KR US); **F28F 2265/22** (2013.01 - US)

Cited by  
EP3644002A4; US11175053B2

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)  
**EP 3124905 A1 20170201**; **EP 3124905 B1 20200506**; CN 106403386 A 20170215; KR 20170015146 A 20170208; US 2017030662 A1 20170202

DOCDB simple family (application)  
**EP 16182173 A 20160801**; CN 201610621123 A 20160801; KR 20160086782 A 20160708; US 201615223311 A 20160729