

Title (en)  
PLATE HEAT EXCHANGER

Title (de)  
PLATTENWÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR À PLAQUES

Publication  
**EP 3598053 B1 20220511 (EN)**

Application  
**EP 17908036 A 20171213**

Priority  
• JP 2017088287 A 20170427  
• JP 2017044707 W 20171213

Abstract (en)  
[origin: EP3598053A1] A plate heat exchanger causes heat exchange to be performed using a plurality of heat transfer plates stacked. Each of the heat transfer plates includes a plate body, a first-medium inlet, a first-medium outlet, a second-medium inlet, a second-medium outlet, and a projection that provides a passage. At least one of the first-medium inlet and the first-medium outlet is located at one of two corners at one end of the plate body which the projection contacts. At least one of the second-medium inlet and the second-medium outlet is located at one of two corners at the other end of the plate body from which the projection is separated.

IPC 8 full level  
**F28F 3/08** (2006.01); **F28D 9/02** (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)  
**F28D 9/005** (2013.01 - EP); **F28D 9/0056** (2013.01 - EP); **F28F 3/046** (2013.01 - EP); **F28F 3/08** (2013.01 - US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 17908036 A 20171213**; CN 201780089689 A 20171213; JP 2017044707 W 20171213; JP 2018528358 A 20171213; US 201716489564 A 20171213