

Title (en)

HEAT TRANSFER PLATE FOR PLATE HEAT EXCHANGER AND PLATE HEAT EXCHANGER WITH THE SAME

Title (de)

WÄRMEÜBERTRAGUNGSPLATTE FÜR PLATTENWÄRMETAUSCHER UND PLATTENWÄRMETAUSCHER DAMIT

Title (fr)

PLAQUE DE TRANSFERT DE CHALEUR POUR ÉCHANGEUR DE CHALEUR À PLAQUE ET ÉCHANGEUR DE CHALEUR À PLAQUE LA COMPORTANT

Publication

**EP 3489605 A1 20190529 (EN)**

Application

**EP 18200291 A 20181015**

Priority

DK PA201700670 A 20171122

Abstract (en)

A heat transfer plate (10) for a plate heat exchanger (100) includes: a plate body (11) which has a gasket groove (12) with a groove wall (13, 14), the groove wall (13, 14) having a groove wall body (130, 140); and a ridge (20) disposed on the groove wall body (130, 140) of a segment (120) of the gasket groove (12) in a length direction of the gasket groove (12).

IPC 8 full level

**F28D 9/00** (2006.01); **F28F 3/10** (2006.01)

CPC (source: DK EP RU US)

**F28D 9/00** (2013.01 - DK); **F28D 9/005** (2013.01 - EP US); **F28F 3/086** (2013.01 - US); **F28F 3/10** (2013.01 - DK EP RU US)

Citation (search report)

- [XII] US 3809156 A 19740507 - ANDERSSON J
- [XII] US 4359087 A 19821116 - JOHANSSON BOERJE
- [XII] WO 9306426 A1 19930401 - APV CORP LTD [GB]
- [XII] WO 9637746 A1 19961128 - CIPRIANI LUCA [IT]
- [XII] SE 116638 C1

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)

**EP 3489605 A1 20190529**; CN 109813159 A 20190528; CN 109813159 B 20210202; DK 179580 B1 20190220; DK 201700670 A1 20190220; RU 2697283 C1 20190813; US 2019154363 A1 20190523

DOCDB simple family (application)

**EP 18200291 A 20181015**; CN 201811362965 A 20181115; DK PA201700670 A 20171122; RU 2018138477 A 20181031; US 201816196562 A 20181120