

Title (en)

HEAT EXCHANGER PLATE AND COMBINATION OF A HEAT EXCHANGER PLATE AND A GASKET

Title (de)

WÄRMETAUSCHERPLATTE UND KOMBINATION AUS EINER WÄRMETAUSCHERPLATTE UND EINER DICHTUNG

Title (fr)

PLAQUE D'ÉCHANGEUR DE CHALEUR ET COMBINAISON D'UNE PLAQUE D'ÉCHANGEUR DE CHALEUR ET D'UN JOINT

Publication

**EP 3660439 A1 20200603 (EN)**

Application

**EP 19205283 A 20191025**

Priority

DK PA201800918 A 20181127

Abstract (en)

A heat exchanger plate (2) is described comprising an edge (11), a groove (12) running along the edge (11), and a corrugated area (13) having crests (14, 20) and troughs (15) between the groove (12) and the edge (11), wherein crests (14, 20) run perpendicular to the edge (11). Mounting a plate-type heat exchanger should be facilitated. To this end the corrugated area (13) comprises at least two of three different sections (16-18), wherein in the first section (16) adjacent crests (14) are connected by a first connecting wall (19), in a second section (17) a space between the crest (14) is open to the groove (12) and a third section (18) forms a click-on tap position.

IPC 8 full level

**F28F 3/10** (2006.01); **F28F 3/04** (2006.01); **F28F 3/08** (2006.01)

CPC (source: DK EP)

**F28F 3/046** (2013.01 - EP); **F28F 3/083** (2013.01 - EP); **F28F 3/10** (2013.01 - DK EP); **F28F 3/00** (2013.01 - DK)

Citation (search report)

- [Y] DE 19900629 A1 19990715 - APV HEAT EXCHANGER AS [DK]
- [Y] WO 2010056183 A2 20100520 - ALFA LAVAL CORP AB [SE], et al
- [A] WO 2009080692 A1 20090702 - ALFA LAVAL CORP AB [SE], et al
- [A] WO 2010092556 A1 20100819 - CIPRIANI LUCA [IT]
- [A] WO 2005045346 A1 20050519 - APV PRODUCTS AS [DK], et al

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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