

Title (en)
HEAT EXCHANGER PLATE

Title (de)
WÄRMETAUSCHERPLATTE

Title (fr)
PLAQUE D'ÉCHANGEUR DE CHALEUR

Publication
EP 3819584 A1 20210512 (EN)

Application
EP 20206124 A 20201106

Priority
DK PA201901301 A 20191107

Abstract (en)
A heat exchanger plate (3) is described comprising a heat exchange area in a heat transfer plate (11) and a support bar guiding area at an edge(14) of the heat transfer plate (11), a recess (13) in the edge (14), and an insert (12) mounted in the recess (13).It should be possible to use the same heat transfer plate independent of a support bar or support bars used during assembling of the heat exchanger plates (3).To this end, the largest width of the recess (13) in a direction parallel to the edge (14) is located at the edge (14) and a support bar guiding section (15) is provided in the insert (12).

IPC 8 full level
F28F 21/06 (2006.01); **F28F 9/007** (2006.01)

CPC (source: CN DK EP RU)
F28D 9/00 (2013.01 - DK); **F28D 9/005** (2013.01 - EP); **F28F 3/08** (2013.01 - CN DK); **F28F 3/083** (2013.01 - DK EP RU); **F28F 9/001** (2013.01 - DK EP); **F28F 9/002** (2013.01 - DK); **F28F 9/0075** (2013.01 - CN DK EP); **F28F 9/26** (2013.01 - CN); **F28F 21/06** (2013.01 - EP); **F28F 2275/08** (2013.01 - EP); **F28F 2275/14** (2013.01 - EP)

Citation (search report)
• [X] GB 2054818 A 19810218 - APV CO LTD
• [X] US 3360034 A 19671226 - BERTIL OHRFELT TOR
• [A] GB 528223 A 19401024 - SEPARATOR AB

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 3819584 A1 20210512; **EP 3819584 B1 20230830**; CN 112781428 A 20210511; DK 180418 B1 20210422; DK 201901301 A1 20210422; DK 3819584 T3 20231127; EP 4050294 A1 20220831; FI 3819584 T3 20231127; PL 3819584 T3 20240219; RU 2748770 C1 20210531

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