

Title (en)

PLATE-AND-SHELL HEAT EXCHANGER AND A HEAT TRANSFER PLATE FOR A PLATE-AND-SHELL HEAT EXCHANGER

Title (de)

PLATTEN-KAPSEL-WÄRMETAUSCHER UND WÄRMEÜBERTRAGUNGSPLATTE FÜR PLATTEN-KAPSEL-WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR À PLAQUE ET ENVELOPPE ET PLAQUE DE TRANSFERT DE CHALEUR POUR ÉCHANGEUR DE CHALEUR À PLAQUE ET ENVELOPPE

Publication

EP 4001822 A1 20220525 (EN)

Application

EP 21208231 A 20211115

Priority

DK PA202070757 A 20201116

Abstract (en)

A plate-and-shell heat exchanger comprising a shell and a plurality of heat transfer plates providing a first fluid flow path for a first fluid flow and a second fluid flow path for a second fluid flow separated from the first fluid flow path by the plates, wherein the first fluid flow path leads through inlet and outlet plate openings between adjacent plates and the second fluid flow path leads through second inlet and outlet openings of the shell, wherein an opening is positioned in a first distribution area with a first part first distribution area at the one side and a second part first distribution area at the second side, and where a central transferring regions extend between the openings, where the corrugated pattern of first part first distribution area is different from the corrugated pattern of the second part first distribution area.

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: CN EP)

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Citation (search report)

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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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DOCDB simple family (application)

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