

Title (en)

HEAT EXCHANGER FOR EXCHANGING HEAT BETWEEN AT LEAST A FIRST FLUID AND A SECOND FLUID, AND CORRESPONDING HEAT EXCHANGE PROCESS

Title (de)

WÄRMETAUSCHER ZUM AUSTAUSCH VON WÄRME ZWISCHEN MINDESTENS EINEM ERSTEN FLUID UND EINEM ZWEITEN FLUID UND ENTSPRECHENDES WÄRMEAUSTAUSCHVERFAHREN

Title (fr)

ECHANGEUR DE CHALEUR ENTRE AU MOINS UN PREMIER FLUIDE ET UN DEUXIÈME FLUIDE ET PROCÉDÉ D'ÉCHANGE DE CHALEUR CORRESPONDANT

Publication

EP 3877714 A1 20210915 (FR)

Application

EP 19801823 A 20191107

Priority

- FR 1801166 A 20181107
- EP 2019080542 W 20191107

Abstract (en)

[origin: WO2020094788A1] Heat exchanger (1) for exchanging heat between at least a first fluid and a second fluid, comprising: a set (21) of fluid flow ducts that each extend in a longitudinal direction; and distribution means (3, 4) for distributing the first fluid exclusively in first flow ducts of the set and for distributing the second fluid exclusively in second flow ducts of the set, at least one first duct being disposed between two second ducts along a first axis, said first duct also being disposed between two other second ducts along a second axis, at least three of the set of said two second ducts and of said other second ducts being some of the ducts closest to said first duct.

IPC 8 full level

F28D 7/16 (2006.01); **F28F 7/02** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)

F28D 7/16 (2013.01); **F28D 7/1607** (2013.01); **F28D 7/1684** (2013.01); **F28D 7/1692** (2013.01); **F28F 7/02** (2013.01); **F28F 9/02** (2013.01); **F28F 2009/0287** (2013.01); **F28F 2009/029** (2013.01)

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)

FR 3088110 A1 20200508; **FR 3088110 B1 20201218**; EP 3877714 A1 20210915; EP 3877714 B1 20231018; ES 2968490 T3 20240509; WO 2020094788 A1 20200514

DOCDB simple family (application)

FR 1801166 A 20181107; EP 19801823 A 20191107; EP 2019080542 W 20191107; ES 19801823 T 20191107