

Title (en)

CONSTITUENT PLATE OF A HEAT EXCHANGER AND HEAT EXCHANGER COMPRISING AT LEAST ONE SUCH PLATE

Title (de)

EINZELNE PLATTE EINES WÄRMETAUSCHERS UND WÄRMETAUSCHER MIT MINDESTENS EINER SOLCHEN PLATTE

Title (fr)

PLAQUE CONSTITUTIVE D'UN ÉCHANGEUR DE CHALEUR ET ÉCHANGEUR DE CHALEUR COMPRENANT AU MOINS UNE TELLE PLAQUE

Publication

EP 3857151 A1 20210804 (FR)

Application

EP 19795274 A 20190925

Priority

- FR 1858763 A 20180925
- FR 2019052268 W 20190925

Abstract (en)

[origin: WO2020065223A1] The invention relates to a constituent plate (105) of a heat exchanger, intended to delimit at least one fluid circulation channel (111a, 111b). The plate (105) comprises a bottom (106) and at least one raised edge (107) which surrounds the bottom (106). The plate (105) comprises at least one opening (110) that is configured to supply the duct (111a, 111b) with fluid. The opening (110) is formed with an opening profile (X1). The plate (105) is equipped with a fluid distribution means (300) formed with a distribution means profile (X2) which is homothetic with the opening profile (X1) of the opening (110).

IPC 8 full level

F28D 9/00 (2006.01); **F28F 13/06** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP US)

F28D 9/0043 (2013.01 - EP); **F28D 9/005** (2013.01 - EP US); **F28D 9/0056** (2013.01 - EP); **F28F 13/06** (2013.01 - EP); **F28F 13/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2020065223A1

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 3086378 A1 20200327; **FR 3086378 B1 20210122**; CN 217424074 U 20220913; EP 3857151 A1 20210804; US 2021341228 A1 20211104; WO 2020065223 A1 20200402

DOCDB simple family (application)

FR 1858763 A 20180925; CN 201990001177 U 20190925; EP 19795274 A 20190925; FR 2019052268 W 20190925; US 201917279909 A 20190925