

Title (en)

FRAME COMPRISING TWO FINNED PLATES AND THERMAL HEAT EXCHANGER COMPRISING SAID FRAME

Title (de)

RAHMEN MIT ZWEI RIPPENPLATTEN UND THERMAL WÄRMETAUSCHER MIT EINEM SOLCHEN RAHMEN

Title (fr)

ARMATURE COMPRENANT DEUX PLAQUES À AILETTES ET ECHANGEUR THERMIQUE COMPRENANT LADITE ARMATURE

Publication

EP 2904344 B1 20191204 (FR)

Application

EP 12795493 A 20121004

Priority

FR 2012052254 W 20121004

Abstract (en)

[origin: WO2014053712A1] A fin plate (20) comprises a base (22) and a plurality of heat exchanger fins (30) extending from said base, said fins (30) being distributed in fin strips (34) parallel to each other. According to the invention, two neighbouring fin strips (34) are separated, in a direction perpendicular to the direction of said fin strips, by at least one flat strip having no fins (32). Two fin plates (20) of this type can be assembled to form a frame, in particular suitable for being incorporated into a heat exchanger.

IPC 8 full level

F28F 3/02 (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)

F28F 3/02 (2013.01 - US); **F28F 3/027** (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28D 1/0233** (2013.01 - US); **F28D 1/0366** (2013.01 - US); **F28D 9/0062** (2013.01 - US); **F28F 3/06** (2013.01 - US); **F28F 2215/08** (2013.01 - US)

Citation (examination)

US 5829514 A 19981103 - SMITH DEAN L [US], 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

DOCDB simple family (publication)

WO 2014053712 A1 20140410; CN 105209844 A 20151230; CN 105209844 B 20180119; DK 2904344 T3 20200309; EP 2904344 A1 20150812; EP 2904344 B1 20191204; US 10337806 B2 20190702; US 2015276330 A1 20151001

DOCDB simple family (application)

FR 2012052254 W 20121004; CN 201280077498 A 20121004; DK 12795493 T 20121004; EP 12795493 A 20121004; US 201214433687 A 20121004