

Title (en)
CORRUGATED FIN AND METHOD FOR PRODUCING IT

Title (de)
WELLRIPPE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
AILETTE ONDULÉE ET SON PROCÉDÉ DE FABRICATION

Publication
EP 2850378 A1 20150325 (DE)

Application
EP 13716276 A 20130411

Priority
• DE 102012205916 A 20120411
• EP 2013057587 W 20130411

Abstract (en)
[origin: WO2013153157A1] The invention relates to a corrugated fin, in particular for a heat exchanger, having a substantially corrugated design, having a plurality of fin surfaces, wherein adjoining fin surfaces are connected to one another by means of a fin arch in such a way that a medium can flow through an intermediate space between adjoining fin surfaces, wherein the fin surfaces are arranged at an angle with respect to one another perpendicularly with respect to a throughflow direction for the medium, wherein the fin surface has at least one bulge which protrudes out of the plane of the fin surface, wherein the extent of the bulge in a direction perpendicularly with respect to the air throughflow direction is smaller than the extent of the fin surface in said direction.

IPC 8 full level
F28F 1/12 (2006.01)

CPC (source: EP US)
B21D 13/04 (2013.01 - US); **B23P 15/26** (2013.01 - US); **F28F 1/126** (2013.01 - EP US); **F28F 3/02** (2013.01 - US);
Y10T 29/4935 (2015.01 - EP US)

Citation (search report)
See references of WO 2013153157A1

Citation (examination)
US 2592950 A 19520415 - STANISLAUS PRZYBOROWSKI

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)
DE 102012205916 A1 20131017; **DE 102012205916 B4 20180906**; CN 104520664 A 20150415; EP 2850378 A1 20150325;
JP 2015513064 A 20150430; KR 20150008102 A 20150121; US 10126073 B2 20181113; US 2015096728 A1 20150409;
WO 2013153157 A1 20131017

DOCDB simple family (application)
DE 102012205916 A 20120411; CN 201380019347 A 20130411; EP 13716276 A 20130411; EP 2013057587 W 20130411;
JP 2015504954 A 20130411; KR 20147031683 A 20130411; US 201414513384 A 20141014