

Title (en)

FIN HEAT EXCHANGER COMPRISING IMPROVED LOUVRES

Title (de)

RIPPENWÄRMETAUSCHER MIT VERBESSERTEN LÜFTUNGSSCHLITZEN

Title (fr)

ÉCHANGEUR DE CHALEUR A AILETTES COMPRENANT DES PERSIENNES AMÉLIORÉES

Publication

EP 3325909 A1 20180530 (FR)

Application

EP 16734698 A 20160706

Priority

- FR 1556760 A 20150717
- EP 2016065918 W 20160706

Abstract (en)

[origin: WO2017012867A1] The invention relates to a heat exchanger comprising: - at least one row of tubes (2), - at least one fin (4) disposed transverse to said row of tubes (2); the tubes being connected to the fin (4) by clamping the tubes (2) in a collar (6) arranged in the fin (4); and - at least one row (10) of louvers (12), arranged in the fin (4) and inserted between two tubes (2) of the row of tubes. The fin (4) being of general flat rectangular shape, the ratio of the number of louvers (12) to the width of the fin (4) is between 0.73 and 1.13.

IPC 8 full level

F28F 1/32 (2006.01)

CPC (source: EP US)

F28D 1/05366 (2013.01 - EP US); **F28F 1/325** (2013.01 - EP US); **F28F 2240/00** (2013.01 - US); **F28F 2275/125** (2013.01 - EP US)

Citation (search report)

See references of WO 2017012867A1

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 3038977 A1 20170120; FR 3038977 B1 20190830; BR 112018000878 A2 20180911; CN 108369076 A 20180803; EP 3325909 A1 20180530; EP 3325909 B1 20191016; MX 2018000660 A 20180906; US 10914530 B2 20210209; US 2018266772 A1 20180920; WO 2017012867 A1 20170126

DOCDB simple family (application)

FR 1556760 A 20150717; BR 112018000878 A 20160706; CN 201680047023 A 20160706; EP 16734698 A 20160706; EP 2016065918 W 20160706; MX 2018000660 A 20160706; US 201615745629 A 20160706