

Title (en)
HEAT EXCHANGER WITH IMPROVED FINS

Title (de)
WÄRMETAUSCHER MIT VERBESSERTEN RIPPEN

Title (fr)
ÉCHANGEUR DE CHALEUR A AILETTES AMÉLIORÉES

Publication
EP 3325911 A1 20180530 (FR)

Application
EP 16739060 A 20160706

Priority
• FR 1556764 A 20150717
• EP 2016065930 W 20160706

Abstract (en)
[origin: WO2017012870A1] The invention relates to a heat exchanger (1) comprising at least one tube (2) for the circulation of heat transfer fluid, which is connected to at least one heat dissipating fin (4). The fin (4) is made of expanded-metal sheet.

IPC 8 full level
F28F 21/08 (2006.01); **B21D 31/00** (2006.01); **B21D 53/02** (2006.01); **F28D 1/053** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP US)
B21D 13/02 (2013.01 - EP US); **B21D 31/04** (2013.01 - EP US); **B21D 53/022** (2013.01 - EP US); **B21D 53/025** (2013.01 - EP US);
F28D 1/05366 (2013.01 - EP US); **F28F 1/325** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28F 2255/08** (2013.01 - EP US)

Citation (search report)
See references of WO 2017012870A1

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 3038975 A1 20170120; FR 3038975 B1 20190809; BR 112018000880 A2 20180911; CN 108369080 A 20180803; EP 3325911 A1 20180530; MX 2018000661 A 20180906; US 2018304342 A1 20181025; WO 2017012870 A1 20170126

DOCDB simple family (application)
FR 1556764 A 20150717; BR 112018000880 A 20160706; CN 201680047022 A 20160706; EP 16739060 A 20160706; EP 2016065930 W 20160706; MX 2018000661 A 20160706; US 201615745594 A 20160706