

Title (en)

AN IMPROVED TUBULAR HEAT EXCHANGER

Title (de)

VERBESSERTER RÖHRENWÄRMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR TUBULAIRE AMÉLIORÉ

Publication

EP 2877799 A1 20150603 (EN)

Application

EP 13734083 A 20130704

Priority

- SE 1250779 A 20120705
- EP 2013064179 W 20130704

Abstract (en)

[origin: WO2014006151A1] A tube for a heat exchanger provided with a helical corrugation, wherein the helical corrugation has pitch and a width, and the width being at least 20% of the pitch, such that an improved heat transfer is achieved.

IPC 8 full level

F28D 7/16 (2006.01); **A23G 9/04** (2006.01); **F28D 21/00** (2006.01); **F28F 1/08** (2006.01)

CPC (source: EP US)

A23C 3/033 (2013.01 - EP US); **A23C 3/037** (2013.01 - EP US); **A23L 3/22** (2013.01 - EP US); **F28D 7/1607** (2013.01 - EP US); **F28F 1/08** (2013.01 - EP US); **F28F 1/105** (2013.01 - US); **F28D 2021/0042** (2013.01 - EP US); **F28F 2210/06** (2013.01 - EP)

Citation (search report)

See references of WO 2014006151A1

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)

WO 2014006151 A1 20140109; CN 104428620 A 20150318; EP 2877799 A1 20150603; US 2015159964 A1 20150611

DOCDB simple family (application)

EP 2013064179 W 20130704; CN 201380035716 A 20130704; EP 13734083 A 20130704; US 201314412637 A 20130704