

Title (en)

EXTRUDED TUBE FOR A HEAT EXCHANGER

Title (de)

STRANGPRESSROHR FÜR EINEN WÄRMETAUSCHER

Title (fr)

TUBE FILÉ POUR ÉCHANGEUR DE CHALEUR

Publication

EP 2242979 A1 20101027 (DE)

Application

EP 08869782 A 20081218

Priority

- EP 2008010829 W 20081218
- DE 102008003737 A 20080110

Abstract (en)

[origin: WO2009086894A1] The invention relates to an extruded tube for a heat exchanger, comprising two at least approximately parallel outer side walls (1, 2) that extend in a longitudinal direction (z) and a transverse direction (y) of the extruded tube and that are connected by means of two outer narrow sides (3, 4) in a vertical direction (x) of the extruded tube, wherein at least one continuous web (5) extends between the side walls (1, 2) in the longitudinal direction (z) and in the vertical direction (x) and separates at least two ducts (6) of the extruded tube, and wherein at least one of the outer side walls (1, 2) has embossings (7) that serve to form both bulged portions (7), that project into the ducts (6), of the side walls (1, 2) and also bulged portions (7), that extend substantially in the transverse direction (y), of the web (5), wherein the bulged portions (7) of the at least one web (5) have a controlled orientation with respect to the transverse direction (y).

IPC 8 full level

F28F 1/02 (2006.01); **F28F 1/42** (2006.01)

CPC (source: EP US)

F28F 1/022 (2013.01 - EP US); **F28F 1/42** (2013.01 - EP US); **F28F 1/422** (2013.01 - EP US); **F28F 2001/027** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2009086894A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009086894 A1 20090716; CN 101910774 A 20101208; DE 102008062704 A1 20090827; EP 2242979 A1 20101027; EP 2242979 B1 20140924; JP 2011509393 A 20110324; KR 20100106434 A 20101001; US 2011000657 A1 20110106

DOCDB simple family (application)

EP 2008010829 W 20081218; CN 200880125116 A 20081218; DE 102008062704 A 20081218; EP 08869782 A 20081218; JP 2010541709 A 20081218; KR 20107014263 A 20081218; US 83425910 A 20100712