

Title (en)
A FLAT TUBE FOR A HEAT EXCHANGER

Title (de)
FLACHROHR FÜR WÄRMETAUSCHER

Title (fr)
TUBE PLAT POUR ÉCHANGEUR DE CHALEUR

Publication
EP 3521746 B1 20230419 (EN)

Application
EP 18461516 A 20180206

Priority
EP 18461516 A 20180206

Abstract (en)
[origin: EP3521746A1] A flat tube for a heat exchanger, formed by a sheet material and defined by a bottom wall 11, a top wall 12 and two side walls 13, wherein at least one of the side walls 13 comprises a first layer 13a and a second layer 13b of the sheet material, wherein the first layer 13a has an curved portion 14 forming a conduit 15 together with the second layer 13b.

IPC 8 full level
F28F 1/40 (2006.01); **F28D 1/03** (2006.01); **F28F 1/00** (2006.01); **F28F 1/02** (2006.01)

CPC (source: CN EP)
F28D 1/0391 (2013.01 - EP); **F28F 1/003** (2013.01 - EP); **F28F 1/02** (2013.01 - CN EP); **F28F 1/40** (2013.01 - CN EP); **F28F 3/025** (2013.01 - EP); **F28F 3/06** (2013.01 - EP); **F28F 2225/04** (2013.01 - EP); **F28F 2275/06** (2013.01 - CN)

Citation (examination)

- US 2009014164 A1 20090115 - ZOBEL WERNER [DE], et al
- EP 3623738 A1 20200318 - JAPAN CLIMATE SYSTEMS CORP [JP]

Cited by
LU101492B1; WO2021105200A1

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

DOCDB simple family (publication)
EP 3521746 A1 20190807; EP 3521746 B1 20230419; CN 110118504 A 20190813; CN 110118504 B 20230428

DOCDB simple family (application)
EP 18461516 A 20180206; CN 201910106696 A 20190202