

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 A1 20190807 (EN)**

Application  
**EP 18461516 A 20180206**

Priority  
EP 18461516 A 20180206

Abstract (en)  
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 (applicant)  
• EP 1089047 A2 20010404 - VALEO INC [US]  
• EP 1906127 A2 20080402 - INT TRUCK INTELLECTUAL PROP CO [US]

Citation (search report)  
• [X1] US 2009166020 A1 20090702 - SMITH PAUL R [US], et al  
• [X1] EP 0567399 A1 19931027 - VALEO THERMIQUE MOTEUR SA [FR]  
• [X1] US 2005161194 A1 20050728 - EMRICH KARSTEN [DE], et al  
• [X1] JP 2012229853 A 20121122 - SHOWA DENKO KK

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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