

Title (en)  
HEAT TRANSFER TUBE FOR HEAT EXCHANGER, HEAT EXCHANGER, REFRIGERATING CYCLE APPARATUS, AND AIR CONDITIONING APPARATUS

Title (de)  
WÄRMEÜBERTRAGUNGSROHR FÜR EINEN WÄRMETAUSCHER, WÄRMETAUSCHER, KÜHLKREISLAUFVORRICHTUNG UND KLIMAANLAGENVORRICHTUNG

Title (fr)  
TUBE DE TRANSFERT DE CHALEUR POUR ECHANGEUR DE CHALEUR, ECHANGEUR DE CHALEUR, APPAREIL A CYCLE DE REFRIGERATION ET APPAREIL DE CLIMATISATION

Publication  
**EP 2317269 A4 20140402 (EN)**

Application  
**EP 09804999 A 20090805**

Priority  
• JP 2009063859 W 20090805  
• JP 2008205073 A 20080808

Abstract (en)  
[origin: EP2317269A1] To obtain a heat transfer tube for a heat exchanger or the like which can obtain predetermined heat transfer performance without increasing in-tube pressure loss. High ridges 22A having 10 to 20 rows with a predetermined height and low ridges 22B with a height lower than the high ridges 22A having 2 to 6 rows between the high ridges 22A and the high ridges 22A are provided on an inner face helically with respect to a tube axial direction.

IPC 8 full level  
**F28F 1/40** (2006.01); **F25B 1/00** (2006.01); **F25B 13/00** (2006.01); **F25B 39/00** (2006.01); **F25B 39/02** (2006.01); **F25B 39/04** (2006.01); **F28D 1/047** (2006.01); **F28D 21/00** (2006.01); **F28F 1/32** (2006.01); **F28F 1/42** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP US)  
**F25B 39/00** (2013.01 - EP US); **F25B 39/022** (2013.01 - EP US); **F28D 1/0477** (2013.01 - EP US); **F28F 1/32** (2013.01 - EP US); **F28F 1/40** (2013.01 - EP US); **F28F 1/42** (2013.01 - EP US); **F28F 1/422** (2013.01 - EP US); **F28F 13/187** (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US); **F25B 2309/06** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US); **F28D 2021/007** (2013.01 - EP US); **F28D 2021/0071** (2013.01 - EP US); **F28F 2275/125** (2013.01 - EP US)

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DOCDB simple family (publication)  
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**EP 09804999 A 20090805**; CN 200980129462 A 20090805; ES 09804999 T 20090805; JP 2008205073 A 20080808; JP 2009063859 W 20090805; US 200913003719 A 20090805