

Title (en)

PRESSURE CONTAINING HEAT TRANSFER TUBE AND METHOD OF MAKING THEREOF

Title (de)

DRUCK STANDHALTENDES WÜRME BERTRAGUNGSROHR UNDHERSTELLUNGSVERFAHREN DAF R

Title (fr)

TUBE DE TRANSFERT THERMIQUE SOUS PRESSION ET SON PROCEDE DE FABRICATION

Publication

EP 1644682 A1 20060412 (EN)

Application

EP 04742196 A 20040714

Priority

- FI 2004000453 W 20040714
- US 48742903 P 20030715

Abstract (en)

[origin: WO2005005904A1] A heat transfer tube and a method of forming a heat transfer tube with indents formed in the opposed walls. The indentations may be cold welded or forge welded such that dimples or indentations meet in the middle of the tube. The bottom of a first indentation disposed on a first side of the tube is welded to the bottom of a second indentation formed in the opposite side of the tube.

IPC 1-7

F28D 1/03; **F28F 3/04**; **B21D 53/04**

IPC 8 full level

B21C 37/08 (2006.01); **B21D 13/04** (2006.01); **F28D 1/03** (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)

B21C 37/0803 (2013.01 - EP US); **B21C 37/158** (2013.01 - EP US); **B21D 13/04** (2013.01 - EP US); **F28D 1/0391** (2013.01 - EP US); **F28F 3/04** (2013.01 - EP US); **F28F 3/044** (2013.01 - EP US); **F28F 2275/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2005005904A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005005904 A1 20050120; CN 1826503 A 20060830; EP 1644682 A1 20060412; US 2005067156 A1 20050331

DOCDB simple family (application)

FI 2004000453 W 20040714; CN 200480020036 A 20040714; EP 04742196 A 20040714; US 89362904 A 20040715