

Title (en)  
Tube for heat exchanger

Title (de)  
Rohr für Wärmetauscher

Title (fr)  
Tube pour échangeur de chaleur

Publication  
**EP 1089047 B1 20040506 (FR)**

Application  
**EP 00402627 A 20000921**

Priority  
US 40901999 A 19990929

Abstract (en)  
[origin: EP1089047A2] The method comprises forming an inner wall (17) of the double wall, the inner wall extending in one direction to one extremity region, the inner wall extending in a further direction opposite the one direction to one of the opposing sides via a transition region; forming an outer wall of the double wall, the outer wall extending in the one direction to the other of the opposing sides, the outer wall extending in the further direction to a further extremity region. The transition region accommodates the further extremity region and the first extremity region deviates away from the outer wall. Independent claims are included for a tube for a heat exchanger.

IPC 1-7  
**F28D 1/03**; B21C 37/15; B21C 37/08

IPC 8 full level  
**F28F 1/02** (2006.01); **B21C 37/08** (2006.01); **B21C 37/15** (2006.01); **B21D 53/04** (2006.01); **B23K 1/00** (2006.01); **F28D 1/03** (2006.01); **B23K 101/14** (2006.01)

CPC (source: EP US)  
**B21C 37/0803** (2013.01 - EP US); **B21C 37/151** (2013.01 - EP US); **B21C 37/155** (2013.01 - EP US); **F28D 1/0391** (2013.01 - EP US); **Y10T 29/49384** (2015.01 - EP US); **Y10T 29/49391** (2015.01 - EP US); **Y10T 29/49393** (2015.01 - EP US)

Cited by  
CN112513552A; EP2639539A4; EP3521745A1; EP3521746A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 1089047 A2 20010404**; **EP 1089047 A3 20010509**; **EP 1089047 B1 20040506**; BR 0004520 A 20011016; DE 60010397 D1 20040609; DE 60010397 T2 20050512; JP 2001137989 A 20010522; PL 342867 A1 20010409; US 6192977 B1 20010227

DOCDB simple family (application)  
**EP 00402627 A 20000921**; BR 0004520 A 20000928; DE 60010397 T 20000921; JP 2000294229 A 20000927; PL 34286700 A 20000929; US 40901999 A 19990929