

Title (en)

Method of forming a brazed plate fin heat exchanger

Title (de)

Verfahren zum Herstellen eines gelöteten Rippenrohrwärmetauschers

Title (fr)

Méthode de production d'un échangeur thermique à ailettes en plaques brasées

Publication

EP 1714100 B1 20120502 (EN)

Application

EP 05705853 A 20050113

Priority

- US 2005001550 W 20050113
- US 76144804 A 20040120

Abstract (en)

[origin: US2005155750A1] A fin collar having a shape that enhances flux application and brazing clad flow into the tube to fin joint to provide an improved thermal and structural bond.

IPC 8 full level

F28F 1/32 (2006.01); **F28D 1/047** (2006.01)

CPC (source: EP US)

F28F 1/32 (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28F 21/085** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US); **F28F 2275/125** (2013.01 - EP US)

Citation (examination)

- US 5501270 A 19960326 - YOUNG DARRYL L [US], et al
- GB 2047399 A 19801126 - DU PONT
- US 2089340 A 19370810 - FORREST COBB JAMES
- US 2737370 A 19560306 - MARTIN FRISCH, et al
- JP H02154992 A 19900614 - SUMITOMO LIGHT METAL IND

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

US 2005155750 A1 20050721; AT E556285 T1 20120515; CN 1961192 A 20070509; CN 1961192 B 20130109; EP 1714100 A1 20061025; EP 1714100 B1 20120502; JP 2007518962 A 20070712; JP 5296990 B2 20130925; US 2007163767 A1 20070719; WO 2005073659 A1 20050811

DOCDB simple family (application)

US 76144804 A 20040120; AT 05705853 T 20050113; CN 200580005954 A 20050113; EP 05705853 A 20050113; JP 2006551197 A 20050113; US 2005001550 W 20050113; US 70279307 A 20070206