

Title (en)

Heat exchanger and fixing element. Process for making a heat exchanger and a fixing element

Title (de)

Wärmetauschersystem, Befestigungselement, Verfahren zur Herstellung eines Wärmetauschersystems, Verfahren zur Herstellung eines Befestigungselements

Title (fr)

Échangeur de chaleur et dispositif de fixation. Procédé de fabrication d'un échangeur de chaleur et d'un dispositif de fixation.

Publication

EP 1813902 A1 20070801 (DE)

Application

EP 06290182 A 20060130

Priority

EP 06290182 A 20060130

Abstract (en)

The system comprises a heat exchanger with a collecting tube (51). The collecting tube has a cathedral (55) and a fastening part (50) for fastening the heat exchanger. The fastening part comprises a resting unit (56), where the cathedral is engaged in sections in the fastening part. A condenser of an air conditioner is provided. The fastening part has an opening (59) and another cathedral (58) of the collecting tube is inserted in sections. The former cathedral is engaged in a recess (57) of the resting unit. Independent claims are also included for the following: (1) a fastening part for heat exchanger system (2) a method for producing heat exchanger system (3) a method for producing a fastening part.

Abstract (de)

Wärmetauschersystem mit mindestens einem Wärmetauscher mit zumindest einem Sammelrohr (51) mit zumindest einem ersten Dorn (55), mit zumindest einem Befestigungselement (50) zum Befestigen des Wärmetauschers, wobei das Befestigungselement (50) zumindest ein Rastelement (56) aufweist, in welches der erste Dorn (55) zumindest abschnittsweise einrastbar ist.

IPC 8 full level

F28F 9/00 (2006.01)

CPC (source: EP)

F28F 9/002 (2013.01); **F28F 2275/085** (2013.01)

Citation (search report)

- [X] FR 2791766 A1 20001006 - VALEO THERMIQUE MOTEUR SA [FR]
- [A] EP 0084278 A1 19830727 - DUCELLIER & CIE [FR]
- [A] US 2005006544 A1 20050113 - KASPAR ASAD MAX [CA], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 244 (M - 1410) 17 May 1993 (1993-05-17)

Cited by

FR3054307A1; FR2951817A1; CN102667393A; EP2450658A1; US9982952B2; WO2011048050A1; WO2018020110A1; JP2013508659A; EP2491328B1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

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