

Title (en)

Mechanical assembly for a heat-exchanger tube and heat-exchanger thus obtained.

Title (de)

Mechanische Montage eines Wärmetauscherrohres sowie derart hergestellter Wärmetauscher.

Title (fr)

Tube pour échangeur de chaleur à assemblage mécanique et échangeur de chaleur ainsi obtenu.

Publication

**EP 0589782 A3 19950426 (FR)**

Application

**EP 93402308 A 19930921**

Priority

FR 9211273 A 19920922

Abstract (en)

[origin: EP0589782A2] The tube (10) comprises a body (12) bounded by a tubular wall and extended by at least one end (14) which is capable of being introduced into a hole (26) of a manifold plate (24), with the interposition of a compressible sealing gasket (32), the end (14) of the tube being converted, for example by folding the wall back, in order to have a wall thickness (e') which is larger than the wall thickness (e) of the body of the tube, which makes it possible to increase the mechanical strength of the end (14) in order to ensure, without deforming, compression of the gasket. Application in particular to heat exchangers for motor vehicles. <IMAGE>

IPC 1-7

**F28F 9/14**

IPC 8 full level

**F28F 9/14** (2006.01)

CPC (source: EP)

**F28F 9/14** (2013.01)

Citation (search report)

- [X] EP 0302353 A1 19890208 - SIEMENS AG [DE]
- [A] GB 741625 A 19551207 - NORMAN ISHERWOOD & COMPANY LTD
- [A] DE 3545554 A1 19870702 - SUEDEDEUTSCHE KUEHLER BEHR [DE]
- [A] FR 581093 A 19241121

Cited by

FR2854431A1; US5901784A; US6044554A; WO2004097191A3

DOCDB simple family (publication)

**EP 0589782 A2 19940330; EP 0589782 A3 19950426**; BR 9303856 A 19940510; FR 2695990 A1 19940325; FR 2695990 B1 19941202; MX 9305796 A 19940531

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**EP 93402308 A 19930921**; BR 9303856 A 19930921; FR 9211273 A 19920922; MX 9305796 A 19930921