

Title (en)

HEAT EXCHANGER TUBE AND METHOD OF ITS MANUFACTURE

Title (de)

WÄRMETAUSCHERROHR UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

TUBE POUR ECHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CE DERNIER

Publication

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Application

EP 98911038 A 19980326

Priority

- JP 9801370 W 19980326
- JP 9520597 A 19970328

Abstract (en)

A heat exchanger tube and a method for manufacturing the tube which has two flat plate portions provided to face each other and defining therebetween a passage for heat exchange medium; and a folded portion provided on at least one end portion in the widthwise direction of at least one flat plate portion, which is formed by folding the end portion so as to have a thickness which is an integral multiple of that of the plate forming the end portion. The folded portion and the corresponding end portion in the widthwise direction of the other flat plate portion are joined to each other. The obtained tube has such features that the junction strength of the joined portion is high enough to ensure high pressure resistance, that the internal dimensions of the tube may be changed easily and accurately, that flux may be sufficiently applied to portions required for brazing, and that a reinforced structure may be easily employed at the central portion in the widthwise direction of the tube. <IMAGE>

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CPC (source: EP)

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Cited by

CN102636062A; CN102636066A; DE102014108463A1; DE102014108463B4; EP1065466A3; US2009173485A1; DE102006035210A1; DE102006035210B4; CN102636064A; EP1060808A3; CN106931818A; GB2404241A; EP1835250A3; EP1139052A3; EP1521050A3; EP3665428A4; US8191258B2; US7921559B2; US8438728B2; US8726508B2; US8683690B2; US6640886B2; WO2007027318A1; US8091621B2; US8281489B2; US6510870B1; US6957487B1; US6935418B1

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