

Title (en)

FLAT TUBE WITH TRANSVERSALLY OFFSET U-BEND SECTION AND HEAT EXCHANGER CONFIGURED USING SAME

Title (de)

FLACHROHR MIT QUERVERSATZ-UMKEHRBOGENABSCHNITT UND DAMIT AUFGEBAUTER WÄRMEÜBERTRAGER

Title (fr)

TUBE PLAT AVEC UNE PARTIE COUDEE EN U, DECALEE TRANSVERSALEMENT, ET ECHANGEUR DE CHALEUR CON U A PARTIR DE CE DERNIER

Publication

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Application

EP 99945947 A 19990709

Priority

- DE 9902125 W 19990709
- DE 19830863 A 19980710

Abstract (en)

[origin: DE19830863A1] The invention relates to a flat tube (1) with at least one U-bend section (3) in which the tube is bent such that its two flat tubular sections (2a, 2b), which are adjacent to the U-bend section, in their longitudinal direction have opposite directions of flow (4a, 4b) and longitudinal axes (5a, 5b) which are offset in relation to each other at least in the transverse direction (4). The flat tube transverse axis (7) forms an angle of no more than 45 DEG with a plane which is parallel to the longitudinal and transverse direction and vertical to a direction of stacking.

IPC 1-7

F28F 1/02; **F28D 1/047**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 0003190A1

Cited by

DE102006018688B4; DE102006018688A1; EP4231796A3; US11384989B2; US11940227B2; WO2018039680A1

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