

Title (en)

FLAT PIPE COMPRISING A RETURN BEND SECTION AND A HEAT EXCHANGER CONSTRUCTED THEREWITH

Title (de)

FLACHROHR MIT UMKEHRBOGENABSCHNITT UND DAMIT AUFGEBAUTER W R ME BERTRAGER

Title (fr)

TUBE PLAT PRESENTANT UNE SECTION COUDEE EN U ET ECHANGEUR THERMIQUE COMPORTANT UN TEL TUBE PLAT

Publication

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Application

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Abstract (en)

[origin: US2006243432A1] The invention related to a flat tube ( 1 ) comprising a return bend section ( 3 ), inside of which the flat tube ( 1 ) is bent back in such a manner that both planar tube sections ( 2 a, 2 b ) thereof, which are connect to the return bend section, extend in a longitudinal direction with opposite flow-through directions ( 4 a, 4 b ) and with longitudinal axes ( 5 a, 5 b ) that are offset with regard to one another at least in the transverse direction (y). The invention provides that the return bend section ( 3 ) is formed in such a manner that a main bending axis (A) extends parallel to the flat tube to be plane and at a predeterminable angle to the tube longitudinal extension, whereby the flat tube plane is determined by the longitudinal and width extension of the flat tube ( 1 ).

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