

Title (en)

BRAZING METHOD FOR A HEAT EXCHANGER, AND CORRESPONDING TUBE AND HEAT EXCHANGER

Title (de)

LÖTVERFAHREN FÜR EINEN WÄRMETAUSCHER SOWIE ENTSPRECHENDES ROHR UND WÄRMETAUSCHER

Title (fr)

PROCÉDÉ DE BRASAGE POUR ÉCHANGEUR THERMIQUE, TUBE ET ÉCHANGEUR THERMIQUE CORRESPONDANTS

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Application

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Abstract (en)

[origin: WO2012084584A1] The invention relates to a method for brazing a tube (1) of a heat exchanger, including the following steps: folding a metal strip (11) such as to form at least one tube (1); providing, inside the tube (1), a disturbance insert (7) having a thickness substantially equal to or lower than 150 pm, wherein said metal strip (11) and/or said insert (7) comprises a plating layer on at least one surface to be brazed such that the ratio between the volume of the plating layer and the volume to be brazed is substantially higher than or equal to a predetermined threshold on the basis of the average gap between said insert (7) and said tube (1); and brazing said tube (1) and said insert (7). The invention also relates to a tube (1) obtained by such a method, and to a heat exchanger including an array of such tubes (1).

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See references of WO 2012084584A1

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