

Title (en)

HEAT EXCHANGER TUBE, HEAT EXCHANGER AND CORRESPONDING PRODUCTION METHOD

Title (de)

WÄRMETAUSCHERROHR, WÄRMETAUSCHER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

TUBE D'ÉCHANGEUR THERMIQUE, ÉCHANGEUR THERMIQUE ET PROCÉDÉ D'OBTENTION CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2013113700A1] The invention relates to a method for producing a heat exchanger tube (1) by bending a metal strip (11), said tube (1) having an internal partition (19) formed by joining the ends of opposing edges (11a, 11b), said partition facing a projection (50) that extends into the heat exchanger tube (1) at a joining zone (22). The method comprises the following steps: locally stamping the metal strip (11) in order to produce a projection at the joining zone (22); and bending the metal strip (11) in order to form said heat exchanger tube (1), such that the projection extends into the tube (1). The invention also relates to such a tube (1) and to a heat exchanger (3) comprising a bundle of said tubes (1).

IPC 8 full level

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Citation (search report)

See references of WO 2013113700A1

Citation (examination)

- US 2008072426 A1 20080327 - HELMS WERNER [DE], et al
- FR 2780153 A1 19991224 - VALEO THERMIQUE MOTEUR SA [FR]
- US 2003145465 A1 20030807 - ANDERS JAMES [US], et al

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DOCDB simple family (application)

FR 1250900 A 20120131; CN 201380011797 A 20130129; EP 13702974 A 20130129; EP 2013051691 W 20130129; US 201314375634 A 20130129