

Title (en)

Method for making a heat exchanger collector et device for carrying out this method

Title (de)

Herstellungsverfahren eines Wärmetauschersammlers und Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé de fabrication d'un collecteur d'échangeur thermique et dispositif de mise en oeuvre dudit procédé

Publication

EP 1674170 A1 20060628 (FR)

Application

EP 05292767 A 20051221

Priority

FR 0413694 A 20041221

Abstract (en)

The method involves drilling multiple openings (102a-102g) across a wall (101) of a tube (100) in a gradual and simultaneous manner without removal of material. The openings are drilled by successively arranging each opening using specific punches (20a-20g) and maintaining each punch in the corresponding opening until the completion of drilling of all the openings. An independent claim is also included for a device to implement a method of fabricating a manifold of a heat exchanger.

IPC 8 full level

B21D 28/28 (2006.01)

CPC (source: EP)

B21D 28/28 (2013.01); **F28F 9/0243** (2013.01)

Citation (search report)

- [X] US 3087362 A 19630430 - HENRI GENIER
- [A] EP 0576725 A1 19940105 - WALLIS BERNARD J [US]

Cited by

DE102012014073B3; US9308664B2; US9486863B2

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EP 1674170 A1 20060628; **EP 1674170 B1 20080423**; AT E392963 T1 20080515; DE 602005006223 D1 20080605; FR 2879487 A1 20060623; FR 2879487 B1 20081003

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