

Title (en)

Method and apparatus for producing a unitary manifold

Title (de)

Verfahren und Werkzeug zur Herstellung eines einstückigen Sammelrohres

Title (fr)

Méthode et appareil de fabrication d'un collecteur

Publication

EP 0761336 B1 19991110 (DE)

Application

EP 96113674 A 19960827

Priority

DE 19532860 A 19950906

Abstract (en)

[origin: EP0761336A1] The manifold making process is used in making heat exchangers. The manifold (5) is laid in a tool mould and tightly closed in at the end. An internal pressure is built up in it using pressure input lines (50,51), counteracting the dies (10) being pressed into the manifold. The dies are so far into the manifold that the apertures and the surrounding areas are created which pressurising fluid is supplied from the manifold. After this, the dies are pulled out of the manifold, which is itself ejected from the tool mould.

IPC 1-7

B21D 28/28

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0844035A1; DE102006028490A1; CN103639274A; CN102950220A; US6212982B1; US6993838B1; EP3520921A1; WO0055561A1

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