

Title (en)  
Rolled section for the realization of heat exchangers and relevant production method

Title (de)  
Gewalzter Abschnitt für Wärmetauscher und Herstellungsverfahren

Title (fr)  
Section laminée pour échangeur de chaleur et méthode de production

Publication  
**EP 0819908 A3 19990609 (EN)**

Application  
**EP 97111302 A 19970704**

Priority  
IT MI961514 A 19960719

Abstract (en)  
[origin: EP0819908A2] A rolled section (1) for the production of heat exchangers, and in particular for the production of micro-fins (4) to be used in this kind of apparatus, that presents on one or both sides a series of scoring suitable to determine the same number of micro-fins (4) so as to increase the width of the corresponding exchange surface between rolled section and fluid. The process for the production of rolled sections is including the steps of: rolling a metallic sheet to obtain the required thickness rolling afterwards the sheet obtained in this way by means of a rolling-mill where at least one of these rolls presents on the surface a series of engraving suitable to engrave the corresponding surface of the rolled section in order to produce said micro-fins, the surface of said roll of the second rolling-mill being worked by means of photogravure techniques. <IMAGE>

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IPC 8 full level  
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CPC (source: EP)  
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