

Title (en)  
METHOD FOR MANUFACTURING A HEAT EXCHANGER OR A HEAT PIPE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES WÄRMETAUSCHERS ODER EINES WÄRMEROHRS

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN ÉCHANGEUR THERMIQUE OU D'UN CALODUC

Publication  
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Application  
**EP 19805692 A 20191122**

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Abstract (en)  
[origin: WO2020109155A1] Method for manufacturing a heat exchanger or a heat pipe, comprising at least the following steps: - obtaining an assembly (5) comprising at least one part (53) which comprises at least 90% by weight of a metal or a metal alloy, the part having at least one surface defining a plurality of interstices (61), each of the interstices comprising at least two opposite edges (67, 69) separated on the surface by a maximum distance (D) less than or equal to 550 micrometres, the part defining a plurality of circulation channels (63, 65) for fluids, each of the circulation channels defining one of the interstices, and - immersing the assembly in an electrolytic bath and electroplating a metal layer on the surface, the layer being suitable for plugging the interstices. Corresponding heat exchanger or heat pipe.

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