

Title (en)

PIECE OF SHEET METAL WITH A RIB STRUCTURE COMPRISING GILLS OF A HEAT TRANSFER DEVICE AND METHOD OF MANUFACTURING

Title (de)

BLECHTEIL MIT EINER KIEMEN AUFWEISENDEN RIPPENSTRUKTUR EINES WÄRMEÜBERTRAGERS SOWIE HERSTELLUNGSVERFAHREN

Title (fr)

ÉLÉMENT DE TÔLE COMPRENANT UNE STRUCTURE NERVURÉE PRÉSENTANT UNE GRILLE D'UN CALOPORTEUR ET PROCÉDÉ DE FABRICATION

Publication

EP 3184949 A3 20170823 (DE)

Application

EP 16203917 A 20161214

Priority

DE 102015226577 A 20151222

Abstract (en)

[origin: JP2017122568A] PROBLEM TO BE SOLVED: To improve a sheet metal component and its manufacturing method, capable of improving heat exchange efficiency and coping with various modes, with respect to the sheet metal component for a heat exchanger including a rib structure having a louver.SOLUTION: A sheet metal component 2 includes a cut end structure 5 configuring a louver 3, and the cut end structure 5 is provided with at least two cut end portions 10 respectively having two cut ends 6. The cut end portions 10 are cut and separated from each other in a width direction 8 of the sheet metal component 2 by a flat region 11 free from the cut end, and the cut end structure 5 is extended in a width direction 8 in a manner of crossing a cut end structure width 13. In the cut end structure 5, at least two cut end portions 10 adjacent to each other in the width direction 8 respectively have different numbers of cut ends 6.SELECTED DRAWING: Figure 2

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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