

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

**B21D 53/02** (2006.01); **F28D 1/053** (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP KR)

**B21D 5/08** (2013.01 - KR); **B21D 28/10** (2013.01 - EP); **B21D 28/12** (2013.01 - EP); **B21D 53/022** (2013.01 - KR); **B21D 53/025** (2013.01 - EP); **B21D 53/04** (2013.01 - KR); **F28D 1/0535** (2013.01 - EP); **F28F 1/128** (2013.01 - EP KR); **F28F 13/12** (2013.01 - KR); **F28F 2215/08** (2013.01 - KR)

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

DOCDB simple family (publication)

**EP 3184949 A2 20170628**; **EP 3184949 A3 20170823**; DE 102015226577 A1 20170622; JP 2017122568 A 20170713; KR 20170074819 A 20170630

DOCDB simple family (application)

**EP 16203917 A 20161214**; DE 102015226577 A 20151222; JP 2016246575 A 20161220; KR 20160177009 A 20161222