

Title (en)

Method for manufacturing a heat exchanger element and exchanger obtained using the method

Title (de)

Verfahren zur Herstellung eines Wärmetauschers und durch dieses Verfahren erhaltener Wärmetauscher

Title (fr)

Procédé de fabrication d'un échangeur de chaleur et échangeur obtenu par le procédé

Publication

EP 2306134 B1 20120530 (FR)

Application

EP 09171981 A 20091001

Priority

EP 09171981 A 20091001

Abstract (en)

[origin: EP2306134A1] The method involves forming clamped folds (3) forming fins, on a first flat or corrugated sheet (2), and opening the clamped folds on a part of their length. The first sheet is placed on a second flat or corrugated sheet (6) or a part of the first sheet is folded on another part of the first sheet. A clamped part of the folds is soldered and the first sheet is soldered on the second sheet or the former part is soldered on the latter part. A third flat or corrugated sheet (7) is placed and soldered under the second sheet, where the second and third sheets constitute sheets in lower position.

IPC 8 full level

F28D 1/03 (2006.01); **F28F 1/02** (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)

F28D 1/0308 (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 3/046** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP); **Y10T 29/4935** (2015.01 - US); **Y10T 29/49366** (2015.01 - US); **Y10T 29/49373** (2015.01 - US); **Y10T 29/49393** (2015.01 - US)

Cited by

WO2013043263A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2306134 A1 20110406; **EP 2306134 B1 20120530**; CA 2715913 A1 20110401; CA 2715913 C 20151208; US 2011079378 A1 20110407; US 8726507 B2 20140520

DOCDB simple family (application)

EP 09171981 A 20091001; CA 2715913 A 20100927; US 89116210 A 20100927