

Title (en)
ASSEMBLY OF TWO PARTS CRIMPED ONE OVER THE OTHER

Title (de)
ANORDNUNG AUS ZWEI AUFEINANDER GECRIMPTEN TEILEN

Title (fr)
ENSEMBLE DE DEUX PIÈCES SERTIES L'UNE SUR L'AUTRE

Publication
EP 2648862 B1 20170111 (FR)

Application
EP 11793418 A 20111206

Priority
• FR 1060163 A 20101207
• EP 2011071847 W 20111206

Abstract (en)
[origin: WO2012076495A1] The invention relates to an assembly of two parts crimped one over the other by folding at least one portion of peripheral edge (12) of one part referred to as the first part (8) over the other part referred to as the second part (9). Said first part (8) has a hinge-forming zone that facilitates the folding of said portion of peripheral edge (12). The invention also relates to a collector comprising said assembly and to a heat exchanger comprising said collector.

IPC 8 full level
B21D 39/02 (2006.01); **B21D 53/08** (2006.01); **F28D 7/16** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
B21D 39/02 (2013.01 - EP US); **B21D 53/08** (2013.01 - EP US); **F28F 9/00** (2013.01 - US); **F28F 9/02** (2013.01 - EP US); **F28F 9/0224** (2013.01 - EP US); **F28D 1/05366** (2013.01 - EP US); **F28D 2021/0084** (2013.01 - EP US)

Cited by
DE102018220142A1; DE102018220139A1; US11662160B2; US11143464B2; US11365937B2

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

DOCDB simple family (publication)
FR 2968224 A1 20120608; **FR 2968224 B1 20130823**; CN 103442821 A 20131211; CN 103442821 B 20161012; EP 2648862 A1 20131016; EP 2648862 B1 20170111; JP 2014504213 A 20140220; JP 5980800 B2 20160831; PL 2648862 T3 20170831; US 2013333867 A1 20131219; US 9546828 B2 20170117; WO 2012076495 A1 20120614

DOCDB simple family (application)
FR 1060163 A 20101207; CN 201180066947 A 20111206; EP 11793418 A 20111206; EP 2011071847 W 20111206; JP 2013542501 A 20111206; PL 11793418 T 20111206; US 201113992256 A 20111206