

Title (en)

HEAT EXCHANGER HAVING A REINFORCED COLLECTOR

Title (de)

WÄRMETAUSCHER MIT VERSTÄRKTEM KOLLEKTOR

Title (fr)

ECHANGEUR DE CHALEUR A COLLECTEUR RENFORCE

Publication

EP 2856058 A1 20150408 (FR)

Application

EP 13724231 A 20130516

Priority

- FR 1254741 A 20120524
- EP 2013060184 W 20130516

Abstract (en)

[origin: WO2013174720A1] The invention relates to a heat exchanger including a heat exchange body (2), at least one cover (4), and a collector (3) connecting the cover (4) to the heat exchange body (2) by means of a crimping device originating from the collector (3) and folded onto the cover (4), the heat exchange body (2) including a plurality of tubes (6a, 6b) capable of channeling a first fluid, the collector (3) including a bottom plate (24) surrounded by a securing edge (13) of the cover (4), characterized in that the bottom plate (24) and the securing edge (13) define a cavity (26) for receiving a lug (15) of the cover (4), the securing edge (13) being formed by a double wall (16), one end (17) of which is secured to at least one tube (6a, 6b).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2013174720A1

Cited by

US11306982B2

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

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BA ME

DOCDB simple family (publication)

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