

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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F28D 21/00 (2013.01 - KR); **F28F 1/10** (2013.01 - US); **F28F 9/02** (2013.01 - US); **F28F 9/0219** (2013.01 - KR); **F28F 9/0226** (2013.01 - EP US); **F28D 1/05366** (2013.01 - EP US); **F28D 2021/0082** (2013.01 - EP US); **F28F 2225/08** (2013.01 - EP US); **F28F 2275/122** (2013.01 - EP US)

Citation (search report)
See references of WO 2013174720A1

Cited by
US11306982B2

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DOCDB simple family (publication)
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