

Title (en)  
Heat exchanger assembly having split mini-louvered fins

Title (de)  
Wärmetauscheranordnung mit geteilten eingeschlitzten Mini-Rippen

Title (fr)  
Ensemble échangeur de chaleur à ailettes mini-lames fendues

Publication  
**EP 2778592 B1 20160309 (EN)**

Application  
**EP 14159252 A 20140312**

Priority  
US 201313834355 A 20130315

Abstract (en)  
[origin: US2013199760A1] A heat exchanger assembly is provided having at least one header, a plurality of spaced apart fluid tubes in hydraulic communication with the header, and a plurality of corrugated fins disposed between the tubes. The corrugated fins include a planar portion having a louver segment defined between a pair of primary slits, in which the louver segment includes an intermediate slit splitting the louver segment into a pair of mini-louvers. The mini-louvers are counter-offset such that one of the mini-louvers is on one side of the planar portion and the other one of the mini-lover is on the other side of the planar portion. The mini-louvers may be pivoted about their respective junctures such that each of the mini-louver segments is oblique relative to the planar portion.

IPC 8 full level  
**F28F 1/00** (2006.01); **F28D 1/053** (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP US)  
**F28F 1/128** (2013.01 - EP US); **F28D 1/05366** (2013.01 - EP US)

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US10094624B2

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DOCDB simple family (publication)  
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