

Title (en)
REFOLD HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER MIT NEUFALTUNG

Title (fr)
ÉCHANGEUR DE CHALEUR REPLIÉ

Publication
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Application
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Abstract (en)
[origin: WO2012088466A1] A heat exchanger is disclosed that includes heat exchange elements made from a sheet having a plurality of hollow fins. In certain embodiments, the finned sheet is refolded and sealed at a first edge and a second edge to form an interior volume having an inlet manifold adjacent to the first edge, an outlet manifold adjacent to the second edge, and an opening that is opposite the refold of the finned sheet. In certain embodiments, a flow divider is located in the interior volume between the inlet manifold and the outlet manifold with interior tips of the hollow fins in contact with the flow divider. A base element is coupled over the opening of the interior volume, the base element comprising an inlet and an outlet positioned in fluid communication with the inlet manifold and the outlet manifold, respectively.

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