

Title (en)  
Heat exchanger

Title (de)  
Wärmetauscher

Title (fr)  
Échangeur de chaleur

Publication  
**EP 2930454 B1 20220406 (EN)**

Application  
**EP 15152013 A 20150121**

Priority  
KR 20140014217 A 20140207

Abstract (en)  
[origin: US2015226498A1] A heat exchanger is provided. The heat exchanger includes a refrigerant tube through which a refrigerant flows, the refrigerant tube being arranged in a plurality of rows, a first header on which a refrigerant inflow part is disposed, the first header being coupled to one side of the plurality of refrigerant tubes, a first partition part for partitioning an inner space of the first header, a second header on which a refrigerant discharge part is disposed, the second header being coupled to the other side of the plurality of refrigerant tubes, a second partition part for partitioning an inner space of the second header, and a baffle coupled to the first or second partition part, the baffle guiding a flow of the refrigerant from the header to the plurality of refrigerant tubes. The refrigerant discharge part of the second header is disposed lower than the refrigerant inflow part of the first header.

IPC 8 full level  
**F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **F28F 9/22** (2006.01)

CPC (source: CN EP US)  
**F25B 39/00** (2013.01 - CN); **F28D 1/05391** (2013.01 - EP US); **F28F 9/0204** (2013.01 - EP US); **F28F 9/028** (2013.01 - EP US)

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