

Title (en)

Core type radiator with change of flow direction

Title (de)

Rohr/Rippenblock-Wärmeübertrager mit umgelenkter Strömung

Title (fr)

Échangeur de chaleur en bloc de tubes et ailettes comprenant une déviation d'écoulement

Publication

EP 1843115 B1 20100526 (DE)

Application

EP 07006459 A 20070329

Priority

DE 102006016341 A 20060405

Abstract (en)

[origin: EP1843115A2] The exchanger (1) has a double row and/or double-flow tube/fin block (2), and two collecting boxes (3, 4), where the tube of the block communicates with the boxes through fluid. The fluid is by-passed in a breadth direction and in a depth direction of the heat exchanger. The collecting boxes are provided with respective discharge and by-pass chambers (7, 11), where the discharge chamber has a chamber section that is arranged adjacent to a longitudinal separation wall of an inflow chamber.

IPC 8 full level

F28D 1/053 (2006.01); **B60H 1/00** (2006.01); **F28F 9/02** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP)

F28D 1/05391 (2013.01); **F28F 9/0204** (2013.01); **F28F 9/0265** (2013.01); **F28D 2021/0096** (2013.01)

Cited by

CN109724235A; US9200822B2; DE102021118138A1; WO2008014877A1; WO2013176391A1

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DOCDB simple family (publication)

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