

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 A3 20080611 (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

**B60H 1/00** (2006.01); **F28D 1/053** (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)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1843115 A2 20071010; EP 1843115 A3 20080611; EP 1843115 B1 20100526**; DE 102006016341 A1 20071011;  
DE 502007003899 D1 20100708

DOCDB simple family (application)

**EP 07006459 A 20070329**; DE 102006016341 A 20060405; DE 502007003899 T 20070329