

Title (en)

Flat tubes heat exchanger core with deformed tube ends

Title (de)

Wärmeübertrager-Flachrohrblock mit umgeformten Flachrohrenden

Title (fr)

Bloc de tubes plats avec extrémités déformées pour échangeur de chaleur

Publication

EP 1293743 B1 20060920 (DE)

Application

EP 02017056 A 20020727

Priority

DE 10146824 A 20010918

Abstract (en)

[origin: EP1293743A2] The flat tube block heat exchanger has at least one flat tube (1), which is shaped at least at one end section (1a) to open into a connection zone. The shaped end section of the flat tube is separated into a number of end part-sections (4a,4b) by one or more longitudinal dividing lines (3), with a twist towards its neighboring end section (1b), so that the facing flat sides (5a,5b) lie against each other in the connection zone.

IPC 8 full level

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

CPC (source: EP)

F28D 1/05391 (2013.01); **F28F 1/022** (2013.01); **F28F 1/025** (2013.01); **F28F 9/0212** (2013.01); **F28F 9/0221** (2013.01); **F28D 2021/0073** (2013.01); **F28D 2021/0084** (2013.01); **F28D 2021/0085** (2013.01)

Cited by

US2014007612A1; FR2887973A1; FR2887972A1; WO2007048888A1; WO2007048889A1

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