

Title (en)

Plate heat exchanger, in particular vaporiser for an air conditioning unit in a motor vehicle

Title (de)

Wärmetauscher in Plattenbauweise, insbesondere Verdampfer für eine Kraftfahrzeug-Klimaanlage

Title (fr)

Caloporteur en plaques, en particulier évaporateur pour une climatisation de véhicule automobile

Publication

EP 1909054 B1 20140319 (DE)

Application

EP 07018044 A 20070914

Priority

DE 102006046671 A 20060929

Abstract (en)

[origin: EP1909054A2] The device has at least one collector with at least two plates, especially welded together, and a number of flat pipes (F) carrying a medium and connected to the collector, whereby deflection openings (10) are formed in at least one plate in the extension of at least two pipes. It has at least one equal distribution arrangement for the medium close to the deflection openings that causes uniformity of medium flow distribution on the flat pipes.

IPC 8 full level

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CPC (source: EP)

F25B 39/022 (2013.01); **F28D 1/05391** (2013.01); **F28F 9/0221** (2013.01); **F28F 9/0265** (2013.01); **F28F 9/0278** (2013.01); **F28D 2021/0085** (2013.01)

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