

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 A3 20110302 (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

**F28F 9/02** (2006.01); **F25B 39/02** (2006.01); **F28F 27/02** (2006.01)

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)

Citation (search report)

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- [A] JP H11351786 A 19991224 - CALSONIC CORP
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CN104848710A

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)

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DOCDB simple family (application)

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