

Title (en)  
FLAT TUBE EVAPORATOR WITH VERTICAL FLAT TUBES FOR MOTOR VEHICLES

Title (de)  
FLACHROHRVERDAMPFER MIT VERTIKALER LÄNGSERSTRECKUNGSRICHTUNG DER FLACHROHRE BEI KRAFTFAHRZEUGEN

Title (fr)  
EVAPORATEUR A TUBES APLATIS VERTICAUX POUR VEHICULES A MOTEUR

Publication  
**EP 0910778 B1 20030716 (DE)**

Application  
**EP 98922800 A 19980505**

Priority  
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Abstract (en)  
[origin: DE19719263A1] A flat tube evaporator for a motor vehicle air conditioning system has vertical flat tubes (2) and zigzag blades (8) arranged between the flat tubes (2). The heat exchange fluid can flow along the apex of the zigzag branches (38) of the blades (flow direction indicated by arrow 9). According to the invention, a water flow gutter (50) extending downwards on both sides of the flat tubes (2) is designed next to the rear end region (52) of the zigzag blades (8), seen in the flow direction (arrow 9) of the outer heat exchange fluid.

IPC 1-7  
**F25B 39/02**

IPC 8 full level  
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• US 4350025 A 19820921 - IZUMI MASAO  
• DE 19728247 A1 19980108 - ZEXEL CORP [JP]

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FR

DOCDB simple family (publication)  
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