

Title (en)  
HEAT EXCHANGER, PARTICULARLY A RADIATOR OF A VEHICLE ENGINE COOLING CIRCUIT

Publication  
**EP 0176382 A3 19860416 (FR)**

Application  
**EP 85401580 A 19850801**

Priority  
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Abstract (en)  
[origin: US4660626A] A heat exchanger, in particular a radiator for the cooling circuit of a motor vehicle engine. The invention relates to a heat exchanger having a bundle (10) of finned tubes which is built up from at least two assemblies (20, 22) of finned tubes which are independent and juxtaposed, each assembly of tubes including a rigid plate (36) interposed between two fins, the rigid plates (26) being urged against one another by means of cross-members (39) and draw bars (40).

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**F28D 1/04; F28D 1/053**

IPC 8 full level  
**F28F 9/00** (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP US)  
**F28D 1/05333** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
DE IT

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**EP 0176382 A2 19860402; EP 0176382 A3 19860416; EP 0176382 B1 19880518**; BR 8503908 A 19860527; DE 3562825 D1 19880623; ES 295957 U 19870716; ES 295957 Y 19880116; FR 2571485 A1 19860411; FR 2571485 B1 19870213; JP S6162786 A 19860331; MX 158707 A 19890227; US 4660626 A 19870428

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