

Title (en)  
Heat-exchanger

Title (de)  
Wärmetauscher

Title (fr)  
Echangeur de chaleur

Publication  
**EP 0582835 B1 19970416 (DE)**

Application  
**EP 93110974 A 19930709**

Priority  
AT 161492 A 19920811

Abstract (en)  
[origin: EP0582835A1] The invention relates to a heat exchanger in which a cooling agent is used to cool at least one medium flowing through, in particular to cool water and/or charge air and/or oil in an internal-combustion engine of a motor vehicle. In order to ensure universal applicability of the heat exchanger in conjunction with a very good heat dissipation performance, the heat exchanger is assembled from a multiplicity of polygonal profiled tubes (1, 2, 3) which bear directly against one another in a manner enmeshed with one another and whose interiors are in each case subdivided by a multiplicity of axially parallel, thermally conductive partitions (4, 4/1, 4/2) into a multiplicity of flow ducts (5, 6, 7) to be used for guiding through in a similarly divided fashion cooling agents and media which are to be cooled. <IMAGE>

IPC 1-7  
**F28F 1/04**

IPC 8 full level  
**F28D 7/00** (2006.01); **F28D 7/10** (2006.01); **F28F 1/04** (2006.01); **F28F 21/06** (2006.01)

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Cited by  
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