

Title (en)  
A HEAT EXCHANGER

Publication  
**EP 0356735 B1 19930609 (EN)**

Application  
**EP 89114127 A 19890731**

Priority  
GB 8819046 A 19880811

Abstract (en)  
[origin: EP0356735A1] A heat exchanger comprises means defining a flow passage (4) for a first fluid medium, such as heated gas from a burner, and means defining a flow passage (3) for a second fluid medium, such as water to be heated. The two flow passages are separated by a thermally conductive wall. A cartridge (14) is inserted into one of the flow passages. The cartridge (14) presents means to make the flow of fluid through the flow passage a turbulent flow. Also the cartridge establishes thermal contact with the thermally conductive wall so that the fluid medium flows in a turbulent manner past the cartridge, thus transferring heat to the material of the cartridge, that heat then being transferred to the thermally conductive wall and thus to the other fluid medium.

IPC 1-7  
**F24H 9/00**; **F28F 13/12**

IPC 8 full level  
**F24H 9/00** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP)  
**F24H 9/0026** (2013.01); **F28F 13/12** (2013.01)

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DOCDB simple family (publication)  
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