

Title (en)  
Heat exchanger

Title (de)  
Wärmetauscher

Title (fr)  
Echangeur de chaleur

Publication  
**EP 0759527 A1 19970226 (EN)**

Application  
**EP 96304677 A 19960625**

Priority  
GB 9517278 A 19950823

Abstract (en)  
A heat exchanger for a domestic boiler with two separate fluid flow paths for domestic water and central heating water, which substantially reduces the possibility of static water in an upper header (22) of the heat exchanger overheating, has a baffle plate (21) between a gas burner (5) and the upper header to direct hot combustion gases radially outwardly from the burner through heat exchange tubes (4) before the gases contact the upper header. <IMAGE>

IPC 1-7  
**F24H 1/52**; **F24H 1/40**

IPC 8 full level  
**F24H 1/40** (2006.01); **F24H 1/52** (2006.01)

CPC (source: EP)  
**F24H 1/403** (2013.01); **F24H 1/52** (2013.01); **F24H 1/526** (2013.01)

Citation (search report)

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- [A] EP 0037333 A1 19811007 - PAQUET THERMIQUE SA [FR]
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- [A] FR 2439367 A1 19800516 - STAJIC ZIVOJIN
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 153 (M - 484) 3 June 1986 (1986-06-03)

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