

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)
• [A] EP 0350388 A1 19900110 - CHAFFOTEUX ET MAURY [FR]
• [A] EP 0037333 A1 19811007 - PAQUET THERMIQUE SA [FR]
• [A] DE 2100344 A1 19710715
• [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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CN102705989A; CN102858863A; WO2013163909A1

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