

Title (en)
A domestic water heater

Title (de)
Brauchwassererhitzer

Title (fr)
Chauffe-eau sanitaire

Publication
EP 0943877 A3 20000607 (EN)

Application
EP 99650026 A 19990318

Priority
IE 980192 A 19980318

Abstract (en)
[origin: EP0943877A2] A domestic water heater (1) for use with a domestic water boiler (3) is provided. The heater (1) has usually more than one electrical heating element and preferably three which increase the total heating capacity by forty percent or so. The heater (1) comes into operation when the draw off from the boiler (3) exceeds a flow rate of 8 litres per minute or so and the temperature of the water falls below an acceptable output temperature. It is particularly useful for Combi boilers which are demand draw off combination central heating and domestic hot water supply boilers with relatively little hot water storage capacity. <IMAGE>

IPC 1-7
F24H 9/20

IPC 8 full level
F24H 1/20 (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F24H 9/2028 (2013.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/215** (2022.01 - EP US); **F24H 15/238** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US); **F24H 15/104** (2022.01 - EP US); **F24H 15/395** (2022.01 - EP US)

Citation (search report)

- [XY] WO 9724014 A1 19970703 - WHITE JAMES A JR [US], et al
- [X] AT 294986 B 19711210 - KAISER JOSEF, et al
- [Y] EP 0740113 A1 19961030 - APPARATENFABRIEK WARMTEBOUW B [NL]

Cited by
EP2489290A1; EP2103882A1; CN109974307A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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