

Title (en)

WATER HEATER HAVING MULTI-PARAMETER CONTROL

Title (de)

WASSERHEIZER MIT MEHRPARAMETERREGLUNG

Title (fr)

CHAUFFE-EAU AVEC REGULATION DE PLUSIEURS PARAMETRES

Publication

EP 1144919 A2 20011017 (EN)

Application

EP 99936761 A 19990728

Priority

- GB 9902253 W 19990728
- GB 9816366 A 19980728
- GB 9825441 A 19981121

Abstract (en)

[origin: WO0006956A3] A water heater (10) has a vessel (11) for holding water to be heated, a heating element (12), at least one temperature sensor (21, 22), one or more level sensors (19, 20) and a control circuit (15). The water heater (10) includes a water conditioner (23) which is operable via the control circuit (15) to prevent or reduce the precipitation of limescale from the water. This is to reduce limescale build-up within the heater, thereby increasing its efficiency and prolonging its useful life. The water is conditioned by generating a conditioning signal in the water, the conditioning signal being varied in frequency and optionally varied in intensity for greater volumes of water to be conditioned.

IPC 1-7

F24H 9/00

IPC 8 full level

F24D 19/00 (2006.01); **F24H 9/00** (2006.01); **F24D 17/00** (2006.01)

CPC (source: EP)

F24D 19/0092 (2013.01); **F24H 9/0042** (2013.01); **F24D 17/00** (2013.01)

Cited by

WO2023118858A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0006956 A2 20000210; **WO 0006956 A3 20011004**; AT E267368 T1 20040615; AU 5174599 A 20000221; AU 747152 B2 20020509; DE 69917488 D1 20040624; EP 1144919 A2 20011017; EP 1144919 A3 20040428; EP 1144919 B1 20040519; GB 2340213 A 20000216; GB 9917651 D0 19990929; NZ 510100 A 20030429

DOCDB simple family (application)

GB 9902253 W 19990728; AT 99936761 T 19990728; AU 5174599 A 19990728; DE 69917488 T 19990728; EP 99936761 A 19990728; GB 9917651 A 19990728; NZ 51010099 A 19990728