

Title (en)
Sanitary water heater

Title (de)
Brauchwasserheizer

Title (fr)
Chaufe-eau sanitaire

Publication
EP 0837287 A3 19990908 (DE)

Application
EP 97250298 A 19971009

Priority
AT 181496 A 19961016

Abstract (en)
[origin: EP0837287A2] The heater (1), e.g. a plate heat exchanger (2), has a heating device, a cold water input (3), and hot water inlet (6) and outlet (7), with service water outlet (5). There is a device to detect the drawing, or use, of the water, including an NTC resistance (8). This device is in heat conducting connection with the inflowing cold water when the water is being drawn. The NTC resistance is co-axial with the cold water inlet, on the opposite wall (9) of the heater, on the outside, and is in good heat conducting contact with this wall. The NTC resistance may be fitted tightly against the water heater.

IPC 1-7
F24D 19/10

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1051 (2013.01 - EP US)

Citation (search report)

- [A] DE 4027965 A1 19910328 - AUSTRIA EMAIL EHT AG [AT]
- [A] NL 9401034 A 19950116 - DOTRACO NV

Cited by
DE19906180A1; DE19906180C2; EP1026467A2

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

DOCDB simple family (publication)
EP 0837287 A2 19980422; EP 0837287 A3 19990908; EP 0837287 B1 20030409; AT 406193 B 20000327; AT A181496 A 19990715; AT E237105 T1 20030415; DE 29718370 U1 19980102; DE 59709763 D1 20030515; ES 2196259 T3 20031216

DOCDB simple family (application)
EP 97250298 A 19971009; AT 181496 A 19961016; AT 97250298 T 19971009; DE 29718370 U 19971009; DE 59709763 T 19971009; ES 97250298 T 19971009