

Title (en)

Thermostatically controlled heater for a bidet of a water closet.

Title (de)

Thermostatisch geregelte Heizeinrichtung für eine Unterdusche eines Wasserklosetts.

Title (fr)

Dispositif de chauffage réglé par thermostat pour une douche anale d'une toilette.

Publication

EP 0451097 B1 19950419 (DE)

Application

EP 91810200 A 19910322

Priority

CH 110890 A 19900403

Abstract (en)

[origin: US5206928A] A fluid heater and storage device for a bidet includes an electric heater (3) positioned inside a housing (1) in a lower portion thereof. The housing (1) has a connection side with an inlet opening (6) and an outlet opening (7) for the fluid to enter and exit the housing located in an upper portion of the connection side. An insert (10) is positioned in the upper portion the housing (1) adjacent to the inlet opening (6). The insert (10) receives input fluid from the inlet opening (6) and guides the fluid along the connection side towards the lower portion of the housing (1). The input fluid then flows across the bottom of the housing and is heated by the heater (3) as it flows the recross. The heated fluid then rises along the housing side opposite to the connection side towards the top of the housing and then back towards the connection side where it is separated from the input fluid by a wall (1c) in the upper portion of the housing (1) forming a passage for removing heated water from the upper portion of the housing (1) through outlet opening (7).

IPC 1-7

E03D 9/08

IPC 8 full level

E03D 9/08 (2006.01); **F24H 1/20** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 5206928 A 19930427; AT E121483 T1 19950515; CA 2038856 A1 19911004; DE 59105217 D1 19950524; DE 9103209 U1 19910613; EP 0451097 A2 19911009; EP 0451097 A3 19921021; EP 0451097 B1 19950419; FI 911483 A0 19910327; FI 911483 A 19911004; NO 911182 D0 19910325; NO 911182 L 19911004

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