

Title (en)

ELECTRICALLY OPERATED WATER HEATING DEVICE

Publication

**EP 0164816 B1 19901024 (EN)**

Application

**EP 85301074 A 19850219**

Priority

ZW 2984 A 19840220

Abstract (en)

[origin: EP0164816A2] The invention comprises in a preferred form, an electrically operated water heating unit (10) integral with a shower rose (18) and is primarily characterized by the successful use of a "bare" element (22) for heating the water and by the novel switching arrangement, comprising a first set of contact points (28) mounted through a flexible diaphragm (32), the diaphragm forming the roof of the heating chamber (20), and a second set of contacts (36) aligned so as to engage the first contacts (28) when same are moved upwards by water pressure exerting on the diaphragm (32) during use.

IPC 1-7

**F24H 1/10**

IPC 8 full level

**F24H 1/10** (2006.01)

CPC (source: EP)

**F24H 1/103** (2013.01)

Cited by

CN1094797C; AU728445B2; CN102883817A; AP3314A; FR2602524A1; GB2395899A; GB2395899B; WO9807522A1; US9052121B2; US10451310B2; WO2011066636A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0164816 A2 19851218; EP 0164816 A3 19871007; EP 0164816 B1 19901024;** AP 41 A 19890504; AP 8500007 A0 19850201; AT E57758 T1 19901115; AU 3871985 A 19850829; AU 580578 B2 19890119; DE 3580191 D1 19901129; ES 540515 A0 19851201; ES 8603057 A1 19851201; NZ 211161 A 19890106; PT 79976 A 19850301; PT 79976 B 19861028; ZA 851153 B 19850925; ZW 2984 A1 19870624

DOCDB simple family (application)

**EP 85301074 A 19850219;** AP 8500007 A 19850219; AT 85301074 T 19850219; AU 3871985 A 19850214; DE 3580191 T 19850219; ES 540515 A 19850219; NZ 21116185 A 19850219; PT 7997685 A 19850215; ZA 851153 A 19850215; ZW 2984 A 19840220