

Title (en)
FLOW CONTROL, SPECIALLY FOR AN INSTANTANEOUS WATER HEATER

Title (de)
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Title (fr)
COMMANDE DE DEBIT, NOTAMMENT POUR CHAUFFE-EAU INSTANTANE

Publication
EP 0834043 A1 19980408 (DE)

Application
EP 95923262 A 19950608

Priority
• DE 4425200 A 19940716
• EP 9502208 W 19950608

Abstract (en)
[origin: US5875807A] PCT No. PCT/EP95/02208 Sec. 371 Date Jan. 15, 1997 Sec. 102(e) Date Jan. 15, 1997 PCT Filed Jun. 8, 1995 PCT Pub. No. WO96/02795 PCT Pub. Date Feb. 1, 1996 Fitting, especially for a continuous flow water heater. The submitted invention takes as its basis the problem of developing a fitting of the named type by which the formation of calcareous deposits on the rod protruding from the water control housing is lessened and the influence of such calcareous deposits on the controller action is completely eliminated. The problem is solved in that within water control housing (2), the control motion of membrane (24) is transmitted to a lever (3) whose center of rotation forms a shaft (4), rigidly connected to this lever (3) and whose pivot is sealed, leading to the exterior of water control housing (2). At the same time, shaft (4) is also the center of rotation for a second lever (5) which is likewise rigidly connected to it. Thus the stroke motion of the first lever (3) is transmitted to the exterior via shaft (4) as a rotary motion and subsequently the rotary motion of shaft (4) is re-converted, by means of second lever (5), into a stroke motion to control the gas outlet. The fitting serves to control gas flow depending on water flow especially for continuous flow water heaters.

IPC 1-7
F23N 1/08

IPC 8 full level
F23N 1/08 (2006.01)

CPC (source: EP US)
F23N 1/087 (2013.01 - EP US); **F23N 2225/06** (2020.01 - EP US); **F23N 2235/16** (2020.01 - EP US); **F23N 2235/20** (2020.01 - EP US); **Y10T 137/2511** (2015.04 - EP US)

Citation (search report)
See references of WO 9602795A1

Designated contracting state (EPC)
CH DE DK ES FR GB IT LI NL PT

DOCDB simple family (publication)
US 5875807 A 19990302; CA 2194584 A1 19960201; CA 2194584 C 20070515; CZ 289761 B6 20020417; CZ 8097 A3 19970514; DE 4425200 A1 19960118; DE 59507800 D1 20000316; EP 0834043 A1 19980408; EP 0834043 B1 20000209; ES 2144616 T3 20000616; HU 219964 B 20011028; HU T77508 A 19980528; IL 114552 A0 19951127; PL 177671 B1 19991231; PL 318112 A1 19970512; PT 834043 E 20000731; WO 9602795 A1 19960201; ZA 955734 B 19960529

DOCDB simple family (application)
US 76583997 A 19970115; CA 2194584 A 19950608; CZ 8097 A 19950608; DE 4425200 A 19940716; DE 59507800 T 19950608; EP 9502208 W 19950608; EP 95923262 A 19950608; ES 95923262 T 19950608; HU 9700124 A 19950608; IL 11455295 A 19950711; PL 31811295 A 19950608; PT 95923262 T 19950608; ZA 955734 A 19950711