

Title (en)
CONTROL DEVICE FOR PLUMBING APPLIANCES

Title (de)
BEDIENUNGSVORRICHTUNG FÜR SANITÄROBJEKTE

Title (fr)
DISPOSITIF DE COMMANDE POUR OBJETS SANITAIRES

Publication
EP 2255261 A2 20101201 (DE)

Application
EP 09711660 A 20090128

Priority
• EP 2009050906 W 20090128
• CH 2372008 A 20080220

Abstract (en)
[origin: WO2009103596A1] The application relates to a control device (1) comprising a control element (3) that can be rotated on a first functional level (2), an electronic controller (4), an electric power supply (5), and a base (6) for mounting the control device (1). Said control device (1) is designed to control plumbing appliances (7) comprising a water discharge point (8) and an electronically controlled mixing valve (9) that has a cold water connection (10) and a hot water connection (11). The flow or the temperature of the water discharged from the water discharge point (8) can be changed by rotating the control element (3). The control device (1) according to the invention is characterized in that the control element (3) can be moved onto a second functional level (12) by performing a lifting movement, said second functional level (12) extending parallel to and at a distance from the first functional level (2). Furthermore, the control device (1) comprises a spring element (26) which elastically retains the control element (3) on the first functional level (2), the control element (3) being movable onto the second functional level (12) against the resistance of the spring element (26). The temperature or the flow of the water discharged from the water discharge point (7) can be changed by rotating the control element (3) on the second functional level (12).

IPC 8 full level
G05G 1/02 (2006.01); **G05G 1/08** (2006.01); **H01H 25/06** (2006.01)

CPC (source: EP US)
E03C 1/055 (2013.01 - EP US); **H01H 25/06** (2013.01 - EP US); **Y10T 137/86823** (2015.04 - EP US); **Y10T 137/87676** (2015.04 - EP US); **Y10T 137/87692** (2015.04 - EP US)

Citation (search report)
See references of WO 2009103597A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009103596 A1 20090827; EP 2250321 A1 20101117; EP 2250321 B1 20130529; EP 2255261 A2 20101201; ES 2424856 T3 20131009; US 2010327198 A1 20101230; US 2011011473 A1 20110120; US 8424568 B2 20130423; US 8469054 B2 20130625; WO 2009103597 A2 20090827; WO 2009103597 A3 20091105; WO 2009103597 A9 20091223

DOCDB simple family (application)
EP 2009050905 W 20090128; EP 09711660 A 20090128; EP 09713084 A 20090128; EP 2009050906 W 20090128; ES 09713084 T 20090128; US 91846909 A 20090128; US 91847109 A 20090128