

Title (en)

METHOD FOR CONTROLLING THE WATER SUPPLY IN A SANITARY INSTALLATION

Title (de)

VERFAHREN ZUR STEUERUNG DES WASSERZULAUFES IN EINE SANITÄRAPPARATUR

Title (fr)

PROCEDE POUR COMMANDER L'AMENEE D'EAU A UNE INSTALLATION SANITAIRE

Publication

EP 1601841 B1 20071128 (DE)

Application

EP 04716197 A 20040302

Priority

- CH 2004000113 W 20040302
- CH 3812003 A 20030311

Abstract (en)

[origin: WO2004081300A1] The invention relates to a method and a computer program product for controlling the water supply in a sanitary installation (1) comprising a cold water supply conduit (2), a hot water supply conduit (3), a valve battery (5) connected to an energy supply (4) for opening or mixing the water supply, in addition to a sensor unit (6) that is connected to the energy supply (4) and comprises at least one proximity sensor (7). When a person enters the detection area (8), said proximity sensor (7) emits an action signal (9, 9', 9'', 10, 10') to an electronic controller (11) that is connected to the sensor unit (6) and the valve battery (5), said signal differing in potential and/or quality from a resting signal (12) that is emitted by the proximity sensor (7) in the absence of a person. By detecting and processing a certain number of action signals (9, 9', 10, 10') or by activating the sensor (7) over a period of time (t1), the controller (11) displaces the valve battery (5) into a position that corresponds to said signals, permitting water of a predetermined temperature and/or at a predetermined flow rate to be supplied to the sanitary installation (1).

IPC 8 full level

E03C 1/05 (2006.01)

CPC (source: EP US)

E03C 1/057 (2013.01 - EP US)

Cited by

US10060106B2; WO2014195120A2; US9771709B2; EP2224065A1; US8424568B2; US8469054B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004081300 A1 20040923; DE 502004005604 D1 20080110; DK 1601841 T3 20080414; EP 1601841 A1 20051207; EP 1601841 B1 20071128; ES 2298726 T3 20080516; JP 2006519943 A 20060831; JP 4570613 B2 20101027; US 2006145111 A1 20060706

DOCDB simple family (application)

CH 2004000113 W 20040302; DE 502004005604 T 20040302; DK 04716197 T 20040302; EP 04716197 A 20040302; ES 04716197 T 20040302; JP 2006504149 A 20040302; US 54855404 A 20040302