

Title (en)

FITTING CONTROLLER FOR WASH BASINS

Title (de)

ARMATURENSTEUERUNG FÜR WASCHBECKEN

Title (fr)

UNITÉ DE COMMANDE DE ROBINETS POUR LAVABOS

Publication

EP 2004919 A2 20081224 (DE)

Application

EP 07727699 A 20070403

Priority

- EP 2007053228 W 20070403
- CH 5982006 A 20060411

Abstract (en)

[origin: WO2007118791A2] The invention relates to a controller (1) for wash basin fittings (2), comprising connections for cold water (4) and hot water (5) and at least one valve arrangement (6) providing a closed position for each of the cold and hot water connections (4,5) and at least one open position each. The controller (1) comprises at least two sensors (7,9), arranged behind corresponding markings (17) on a surface of the wash basin (3) on the reverse side of the wash basin material and which each generate a measuring field (10,12) passing through said wash basin material for detection of control movements of body parts (13) of an operator. Said controller (1) is characterised in being provided with at least three functional spaces (14, 15,16) all outside the region of the water stream flowing into the wash basin and connecting to the wash basin (3) at the point where markings (17) corresponding to said functional spaces (14,15, 16) are applied. at least two outer functional spaces (14,16) thus each delimit only a part of a single outer measuring space (10,12) of low volume, limited to a region outside that of the water flowing into the wash basin by means of a threshold. The controller (1) is designed such that entry into one of said functional spaces (14, 15,16), or an approach to or touching of said markings (17), by an operator with a body part (13) activates the controller (1) to bring the valve arrangement (6) into an open position for one of both of the cold and warm water connections (4,5).

IPC 8 full level

E03C 1/05 (2006.01); **G01S 13/04** (2006.01); **G01S 17/04** (2020.01)

CPC (source: EP)

E03C 1/057 (2013.01); **G01S 13/04** (2013.01); **G01S 17/04** (2020.01)

Citation (search report)

See references of WO 2007118791A2

Designated contracting state (EPC)

DE ES

DOCDB simple family (publication)

WO 2007118791 A2 20071025; WO 2007118791 A3 20071206; EP 2004919 A2 20081224

DOCDB simple family (application)

EP 2007053228 W 20070403; EP 07727699 A 20070403