

Title (en)

Automatic sanitary armature with monitored cleaning function

Title (de)

Automatische Sanitärarmatur mit überwachter Spülfunktion

Title (fr)

Armature sanitaire automatique dotée d'une fonction de rinçage surveillée

Publication

EP 2460942 A3 20140430 (DE)

Application

EP 11009352 A 20111125

Priority

DE 102010052908 A 20101201

Abstract (en)

[origin: EP2460942A2] The automatic sanitary fixture (10) has a housing (12) having a water outlet opening (30), and a water inlet opening (18) to which a water supply pipe (20) is connected. A water valve (22) is provided for selectively blocking and release of a water flow path (32) in housing. A proximity sensor (26) is provided for detecting area below the water outlet opening approaches the object. An evaluation and control unit (24) is provided to actuate the water valve for opening or closing the water flow path, based on the detection result of the proximity sensor.

IPC 8 full level

E03C 1/05 (2006.01); **E03C 1/04** (2006.01)

CPC (source: EP)

E03C 1/041 (2013.01); **E03C 1/057** (2013.01)

Citation (search report)

- [IY] AT 10563 U1 20090615 - WIMBERGER HERBERT [AT]
- [Y] US 4688277 A 19870825 - KAKINOKI TOSHIYUKI [JP], et al
- [Y] EP 0722019 A1 19960717 - GROHE ARMATUREN FRIEDRICH [DE]

Cited by

EP3239416A1; US9657471B2; US10851532B2; US11560702B2; WO2023001573A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2460942 A2 20120606; EP 2460942 A3 20140430; EP 2460942 B1 20171011; DE 102010052908 A1 20120606; DK 2460942 T3 20180115

DOCDB simple family (application)

EP 11009352 A 20111125; DE 102010052908 A 20101201; DK 11009352 T 20111125