

Title (en)

AUTOMATIC RESET TOUCH MECHANISM AND WATER OUTLET FAUCET

Title (de)

AUTOMATISCHER RÜCKSETZ-BERÜHRUNGSMECHANISMUS UND WASSERAUSLASSHAHN

Title (fr)

MÉCANISME TACTILE DE RÉINITIALISATION AUTOMATIQUE ET ROBINET DE SORTIE D'EAU

Publication

EP 3514292 A1 20190724 (EN)

Application

EP 18201313 A 20181018

Priority

CN 201820091248 U 20180119

Abstract (en)

An automatic reset touch mechanism (100) includes: a housing (110) having a guide passage (101) formed therein; a first conductive unit (120) mounted to the housing through an elastic member (140) and extending into the guide passage, the elastic member supporting the first conductive unit to reciprocate along the guide passage; a second conductive unit (130) mounted to the housing and extending into the guide passage; wherein the first and the second conductive units (120, 130) are spaced apart from each other in the guide passage; and the first conductive unit is pressed to move toward the second conductive unit in the guide passage and causes the elastic member to deform, so that the first and the second conductive units (120, 130) are electrically conductive with each other. Also, a water outlet faucet is disclosed.

IPC 8 full level

E03C 1/02 (2006.01); **E03C 1/04** (2006.01); **E03C 1/05** (2006.01); **F16K 31/02** (2006.01); **H01H 1/24** (2006.01); **H01H 3/02** (2006.01); **H01H 13/06** (2006.01); **H01H 13/18** (2006.01)

CPC (source: EP)

E03C 1/023 (2013.01); **E03C 1/0408** (2013.01); **E03C 1/055** (2013.01); **H01H 3/0206** (2013.01); **H01H 13/063** (2013.01); **H01H 13/18** (2013.01); **E03C 2001/0418** (2013.01); **E03C 2201/30** (2013.01); **H01H 1/242** (2013.01)

Citation (search report)

- [X] DE 202006010569 U1 20060831 - FEINMETALL GMBH [DE]
- [I] US 2017148588 A1 20170525 - MAU SHU-HUA [TW], et al
- [A] CN 104019254 B 20170329
- [A] GB 553665 A 19430531 - LANDIS & GYR SA

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)

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DOCDB simple family (application)

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