

Title (en)

TWO-DISTANCE TOUCH FREE AUTOMATIC TYPE WATER SUPPLY DEVICE AND METHOD

Title (de)

ZWEIFACHENTFERNUNG-BERÜHRUNGSFREIE AUTOMATISCHE WASSERVERSORGUNGSVORRICHTUNG UND VERFAHREN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ALIMENTATION EN EAU DE TYPE AUTOMATIQUE À DEUX DISTANCES SANS CONTACT

Publication

EP 2990548 A1 20160302 (EN)

Application

EP 15179185 A 20150730

Priority

TW 103129835 A 20140829

Abstract (en)

A two-distance touch free automatic type water supply method includes: when a sensor (132) located adjacent to the outlet (116) of a shell (110) senses an appearance of an external object at a first distance from the sensor (132), the sensing signal is an open signal, whereby water of the outlet (116) is supplied; when the sensor (132) senses a disappearance of the external object at the first distance from the sensor (132), the sensing signal is a closed signal, whereby water of the outlet (116) is not supplied; when the sensor (132) senses a first appearance and a first disappearance of the external object at a second distance from the sensor (132), the sensing signal is an open signal, whereby water of the outlet (116) is supplied; and when the sensor (132) senses a second appearance and a second disappearance of the external object at the second distance from the sensor (132), the sensing signal is a closed signal, whereby water of the outlet (116) is not supplied.

IPC 8 full level

E03C 1/05 (2006.01)

CPC (source: EP US)

E03C 1/057 (2013.01 - EP US)

Citation (search report)

- [X] EP 0864700 A2 19980916 - ORAS OY [FI]
- [X] US 5868311 A 19990209 - CRETU-PETRA EUGEN [US]
- [I] GB 2460034 A 20091118 - PEGLER LTD [GB]
- [IA] US 2007170384 A1 20070726 - GOODMAN MATTHEW PHILIP [US]

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

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DOCDB simple family (application)

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