

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)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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