

Title (en)

WATER CIRCULATING SUPPLY DEVICE FOR DEMONSTRATING THE FUNCTION OF A SMART TOILET

Title (de)

WASSER ZIRKULIERENDE VERSORGUNGSVORRICHTUNG ZUR DEMONSTRATION DER FUNKTION EINER INTELLIGENTEN TOILETTE

Title (fr)

DISPOSITIF D'ALIMENTATION À CIRCULATION D'EAU DESTINÉ À LA DÉMONSTRATION DE LA FONCTION DES TOILETTES INTELLIGENTES

Publication

**EP 4023827 A1 20220706 (DE)**

Application

**EP 22150252 A 20220104**

Priority

CN 202120011222 U 20210105

Abstract (en)

[origin: CN214657515U] The utility model discloses an intelligent closetool function demonstration circulating water supply device which comprises a shell and a sealing sleeve, the back face of the shell is provided with a seat basin connector used for sleeving an intelligent closetool seat basin blow-off pipe opening, and the sealing sleeve is connected to the edge position of the seat basin connector so as to be used for sealing the closetool seat basin blow-off pipe opening. The shell is provided with a water diversion connector and a backflow connector which are communicated with a seat basin connector of the shell, a water inlet of the water pump is communicated with the water diversion connector, two water ways are led out from a water outlet of the water pump, and the first water way is used for being communicated with a human body cleaning water way in a cover plate of the intelligent closetool; the second water path passes through the one-way valve and then is communicated with the backflow connector, and the one-way valve is in a closed state in a normal state. The device can facilitate the function demonstration of the intelligent closetool anytime and anywhere, is simple and rapid in disassembly and assembly operation, and fundamentally solves the technical problem that the field demonstration of the intelligent closetool is difficult.

Abstract (de)

Die Erfindung betrifft eine Wasser zirkulierende Vorrichtung zur Demonstration der Funktion einer intelligenten Toilette. Die Vorrichtung weist ein Gehäuse (10) mit einem WC-Beckenanschluss (12) mit einer Dichtungsmanschette (20) auf. Der WC-Beckenanschluss ist auf einer Rückseite des Gehäuses (10) zum Aufstecken auf eine Abflussrohrmündung (A01) eines WC-Beckens (A) vorgesehen. Die Vorrichtung weist eine Wasserpumpe (30) und ein Einwegventil auf. Die Versorgungsvorrichtung ist einfach und schnell zu montieren und zu demontieren. Mit ihr ist es möglich, die Funktion der intelligenten Toilette örtlich unabhängig zu demonstrieren.

IPC 8 full level

**E03D 9/08** (2006.01); **G09F 19/10** (2006.01)

CPC (source: EP)

**E03D 9/08** (2013.01)

Citation (search report)

- [A] CN 107802125 A 20180316 - QUANZHOU ZHONGYA FIBERGLASS CO LTD
- [A] CN 106677304 A 20170517 - SUZHOU LUZHIYAO TECH CO LTD

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 4023827 A1 20220706**; **EP 4023827 B1 20230607**; CN 214657515 U 20211109

DOCDB simple family (application)

**EP 22150252 A 20220104**; CN 202120011222 U 20210105