

Title (en)

SMART AUTOMATIC FLUSH TOILET CONSTRUCTION

Title (de)

INTELLIGENTE TOILETTENKONSTRUKTION MIT AUTOMATISCHER SPÜLUNG

Title (fr)

CONSTRUCTION DE TOILETTES À CHASSE D'EAU AUTOMATIQUE INTELLIGENTE

Publication

**EP 3848521 A1 20210714 (EN)**

Application

**EP 20151145 A 20200110**

Priority

EP 20151145 A 20200110

Abstract (en)

A smart automatic flush toilet construction at least comprising an automatic flushing module (1), which can be arranged on various toilets, and can realize automatic flushing function on various toilets. The old toilet can be directly transformed into a smart automatic flush toilet through the replacement of the flushing pipe (20) of the toilet (2), and the purpose of water saving can be achieved through the control (10) of the flushing amount. In addition, the present invention can use a dual-channel shunting pipe (13) to make the toilet have the functions of automatic flushing and manual flushing, so that the user can safely go to the toilet in the event of a power outage.

IPC 8 full level

**E03D 5/10** (2006.01); **E03D 1/38** (2006.01)

CPC (source: EP)

**E03D 1/38** (2013.01); **E03D 5/105** (2013.01)

Citation (search report)

- [XA] EP 1127987 A1 20010829 - AQUIS SANITAER AG [CH]
- [XY] EP 1241301 A2 20020918 - AQUIS SANITAER AG [CH]
- [IY] US 2007256227 A1 20071108 - KIM JOONG-KI [KR]
- [X] CN 208137060 U 20181123 - HANGZHOU PUSHI TECH CO LTD
- [XA] GB 2537962 A 20161102 - DONG PENG [CN], et al

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)

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