

Title (en)

A TOILET WASTE WATER DRAIN STRUCTURE THAT SAVES WATER BY ELIMINATING THE REQUIREMENT FOR A RESERVOIR

Title (de)

WASSERABLAUFVORRICHTUNG FÜR TOILETTEN, DIE WASSER SPART, INDEM DER BEDARF AN EINEM RESERVOIR BESEITIGT WIRD

Title (fr)

STRUCTURE D'ÉVACUATION D'EAUX USÉES DE TOILETTES QUI ÉCONOMISE DE L'EAU EN ÉLIMINANT LE BESOIN D'UN RÉSERVOIR

Publication

EP 3884116 A4 20220126 (EN)

Application

EP 19886950 A 20191025

Priority

- TR 201817810 A 20181123
- TR 2019050898 W 20191025

Abstract (en)

[origin: WO2020106254A2] A toilet waste water drain structure (100) intended to be used in sanitary ware industry, without requiring a reservoir in order to save water, comprising, a toilet (101) on which the user sits, a clean water inlet (101.1) through which clean water enters the mentioned toilet (101), a waste filling chamber (108) into which user defecates and where the clean water and the waste water is stored, wherein; it comprises comprising a cover (102) which is connected to inside of the toilet (101) in order to ensures the contaminated water to be discharged by means of its own weight by opening, a drive element (104.5) which provide the required drive for the motion of the mentioned cover (102), a control element (106) which control the flow of the water into and out of the toilet (101), a starter element (109) used to operate the system.

IPC 8 full level

E03D 5/012 (2006.01); **E03D 11/10** (2006.01)

CPC (source: EP US)

E03D 11/02 (2013.01 - EP); **E03D 11/10** (2013.01 - EP US)

Citation (search report)

- [XAI] US 2008276362 A1 20081113 - O'MALLEY CONOR [US], et al
- [X] KR 20100011360 U 20101123
- [X] WO 0102654 A1 20010111 - BEIJING ZHONGLIAN HUAN JIETONG [CN], et al
- See references of WO 2020106254A2

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)

WO 2020106254 A2 20200528; **WO 2020106254 A3 20201210**; CN 113167062 A 20210723; EP 3884116 A2 20210929; EP 3884116 A4 20220126; US 2022010537 A1 20220113

DOCDB simple family (application)

TR 2019050898 W 20191025; CN 201980077308 A 20191025; EP 19886950 A 20191025; US 201917295767 A 20191025