

Title (en)
SINK HAVING INVISIBLE DRAINAGE DEVICE

Title (de)
SPÜLE MIT UNSICHTBARER DRAINAGEVORRICHTUNG

Title (fr)
ÉVIER DOTÉ D'UN DISPOSITIF DE VIDANGE INVISIBLE

Publication
EP 3702542 A1 20200902 (EN)

Application
EP 17930013 A 20171114

Priority
• CN 201721384507 U 20171025
• CN 2017110795 W 20171114

Abstract (en)
A sink having an invisible drainage device, comprising an overflow table (1), an overflow basin (2), an auxiliary water tank (3), and a water retaining component; the overflow basin (2) is embedded within the overflow table (1), and the auxiliary water tank (3) is in communication with the overflow basin (2); the water retaining component comprises a limiting plate (21), a movable water retaining plate (22) and a limiting block (23), the limiting plate (21) being fixedly disposed above a water outlet of the overflow basin (2), and the movable water retaining plate (22) being movably provided at a bottom portion of the limiting plate (21) and being located at a position at which the overflow basin (2) and the auxiliary water tank (3) communicate; the limiting plate (21) is disposed at a lower mouth of the overflow basin (2), and a bottom portion of the auxiliary water tank (3) is provided with a water outlet component. The overflow table (1) and the overflow basin (2) are integrally and seamlessly jointed so as to resolve persistent shortcomings such as dirt hiding, bacterium breeding and cleaning being impossible between traditional basins and tables. Moreover, problems such as dirty corners, odor leakage and cleaning being impossible are completely solved, being convenient and safe for users, while setting the mind at ease and alleviating worry. Meanwhile, the overall aesthetics are greatly improved, the sink being more beautiful and more harmonious.

IPC 8 full level
E03C 1/14 (2006.01)

CPC (source: EP US)
E03C 1/14 (2013.01 - EP); **E03C 1/182** (2013.01 - EP US); **E03C 1/186** (2013.01 - US); **E03C 1/23** (2013.01 - EP); **E03C 1/232** (2013.01 - US); **E03C 1/24** (2013.01 - EP); **E03C 2001/2311** (2013.01 - EP)

Cited by
CN116282557A

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)
US 2020217054 A1 20200709; CN 207376728 U 20180518; EP 3702542 A1 20200902; EP 3702542 A4 20210804;
WO 2019080194 A1 20190502

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US 201716632350 A 20171114; CN 2017110795 W 20171114; CN 201721384507 U 20171025; EP 17930013 A 20171114