

Title (en)
ODOUR SEAL ELEMENT FOR INSTALLATION IN A DRAIN, IN PARTICULAR THE DRAIN OF A WATERLESS URINAL

Title (de)
GERUCHSVERSCHLUSSELEMENT ZUM EINBAU IN EINEN ABFLUSS, INSBESONDERE IN DEN ABFLUSS EINES WASSERLOSEN URINALS

Title (fr)
ÉLÉMENT DE SIPHON À INSTALLER DANS UN ÉCOULEMENT, EN PARTICULIER DANS UN ÉCOULEMENT D'UN URINOIR SANS EAU

Publication
EP 3421676 B1 20200722 (DE)

Application
EP 17178148 A 20170627

Priority
EP 17178148 A 20170627

Abstract (en)
[origin: WO2019002332A1] The invention relates to an odour trap element for installation in an outflow, in particular in the outflow of a waterless urinal (41), comprising - a collection container (10) for collecting wastewater (14) having an inflow opening (11) and an outlet opening (12), and - a first pipe portion (20) adjoining the outlet opening (12), and - a second pipe portion (30) following on downstream from the first pipe portion (20) and having an outflow opening (31) for connection to a wastewater connection (43), and - an overflow edge (22) formed between the first pipe portion (20) and the second pipe portion (30), which overflow edge is formed in the end region of a wall (21) delimiting the first pipe portion (20) and is directly connected to said end region, wherein the first pipe portion (20) jointly with the collection container (10) forms a siphon when there is liquid in the collection container (10) and reaches in the first pipe portion (20) as far as the overflow edge (22). According to the invention the overflow edge lies in a liquid level plane (22) and the end region of the wall (21) on which the overflow edge (22) is formed and the liquid level plane (23) are arranged at an angle (β') to one another between 30° and 55°, in particular at an angle (β') to one another between 35° and 50°.

IPC 8 full level
E03D 11/18 (2006.01); **E03C 1/29** (2006.01); **E03D 13/00** (2006.01)

CPC (source: EP)
E03C 1/281 (2013.01); **E03C 1/29** (2013.01); **E03D 11/18** (2013.01); **E03D 13/007** (2013.01)

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

DOCDB simple family (publication)
EP 3421676 A1 20190102; **EP 3421676 B1 20200722**; AU 2018293709 A1 20200123; AU 2024204266 A1 20240711;
HR P20201313 T1 20210219; WO 2019002332 A1 20190103

DOCDB simple family (application)
EP 17178148 A 20170627; AU 2018293709 A 20180627; AU 2024204266 A 20240621; EP 2018067178 W 20180627;
HR P20201313 T 20200821