

Title (en)
TOILET BOWL

Title (de)
TOILETTENSCHÜSSEL

Title (fr)
CUVETTE DE TOILETTES

Publication
EP 4294991 A1 20231227 (DE)

Application
EP 22706042 A 20220216

Priority
• CH 1602021 A 20210218
• EP 2022053747 W 20220216

Abstract (en)
[origin: WO2022175298A1] A toilet bowl (100) comprises a bowl body (101) and a mounting body (102) integral with the bowl body, wherein the bowl body (101) has an inner wall (107), which defines an interior (109), and wherein an inlet connection point (110) for flushing water and an outlet connection point (115) for wastewater are formed in the mounting body (102). The toilet bowl (100) has an inlet channel (111, 112) for flushing water, which inlet channel is communicatively connected to the inlet connection point (110) and has an outlet opening (113) leading into the interior (109) of the bowl body (101). The outlet opening (113) is located in a lateral region of the inner wall (107) in such a way and is oriented in such a way that flushing water exiting from the outlet opening flows, in the peripheral direction and toward the front, tangentially along the inner wall (107). A first guiding surface (122) running spirally downward is formed on the inner wall, which first guiding surface guides flushing water downward on a spiral path. A roof (120) is formed on the inner wall (107) along part of the periphery of the inner wall, which roof adjoins the outlet opening (113) in the peripheral direction of the inner wall (107). On the inner wall (107) of the toilet bowl, a second guiding surface (124) extending over part of the periphery of the inner wall (107) is formed, which second guiding surface guides flushing water along the periphery of the inner wall (107). The toilet bowl (100) is completely made of a sanitary ceramic material.

IPC 8 full level
E03D 11/08 (2006.01)

CPC (source: CH EP)
E03D 11/08 (2013.01 - CH EP); **E03D 2201/20** (2013.01 - EP)

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