

Title (en)

SANITARY BUILT-IN PART AND SERIES FOR A SANITARY BUILT-IN PART

Title (de)

SANITÄRES EINBAUTEIL UND BAUREIHE FÜR EIN SANITÄRES EINBAUTEIL

Title (fr)

PIÈCE SANITAIRE INTÉGRÉE ET SÉRIE DESTINÉE À UNE PIÈCE SANITAIRE INTÉGRÉE

Publication

EP 4007833 B1 20230607 (DE)

Application

EP 20780597 A 20200918

Priority

- DE 202019105541 U 20191008
- EP 2020076144 W 20200918

Abstract (en)

[origin: CN212358482U] The utility model relates to a sanitary installation part and a structural series for the sanitary installation part, the sanitary installation part comprises at least one function unit (2) for adjusting the flow and a diffuser (4) arranged behind the function unit (2) for adjusting the flow along the flow direction (3), the diffuser (4) is provided with a diffuser space (5), the diffuser space (5) is defined in part by a collision surface (6) which reverses water flowing into the diffuser space (5) in the radial direction towards the plurality of discharge openings (7), and a flow-away inclination (8) is provided at an angle to the collision surface (6), which causes the water entering the collision surface (6) and flowing away from the collision surface to flow in the direction of the discharge openings (7) in the use position. According to the sanitary installation part, the sanitary installation part with the improved use characteristics is provided.

IPC 8 full level

E03C 1/084 (2006.01)

CPC (source: CN EP US)

E03C 1/084 (2013.01 - EP US); **E03F 5/0407** (2013.01 - CN); **E03F 5/041** (2013.01 - CN)

Citation (examination)

- AU 2018204104 A1 20190117 - OPUS RV PTY LTD [AU]
- WO 2014080391 A1 20140530 - HEALY RONAN PATRICK [IE]
- GB 2529236 A 20160217 - TURNER BRENT [GB]

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 202019105541 U1 20210120; CN 112627292 A 20210409; CN 114555892 A 20220527; CN 212358482 U 20210115; EP 4007833 A1 20220608; EP 4007833 B1 20230607; EP 4007833 C0 20230607; EP 4101998 A1 20221214; ES 2951441 T3 20231020; PL 4007833 T3 20230911; US 2024093469 A1 20240321; WO 2021069191 A1 20210415

DOCDB simple family (application)

DE 202019105541 U 20191008; CN 202010083703 A 20200210; CN 202020159305 U 20200210; CN 202080070803 A 20200918; EP 2020076144 W 20200918; EP 20780597 A 20200918; EP 22181470 A 20200918; ES 20780597 T 20200918; PL 20780597 T 20200918; US 202017766773 A 20200918