

Title (en)
SANITARY INSERT UNIT

Title (de)
SANITÄRE EINSETZEINHEIT

Title (fr)
UNITÉ D'INSERTION SANITAIRE

Publication
EP 3596277 A1 20200122 (DE)

Application
EP 18706188 A 20180115

Priority
• DE 202017101436 U 20170313
• EP 2018050827 W 20180115

Abstract (en)
[origin: CN206986982U] The utility model relates to a hygienic insertion unit, it can assemble in the log raft export of sanitary discharge accessory, and it includes the flow regulator unit, and this flow regulator unit has at least one annular throttle of being made by elastic material in at least one annular percolation passageway personally experiences sth. Part of the body, the control gap is injected its self with adjacent having to at least one throttle body between the conduit wall of adjusting shaping portion, this control gap pass the cross section through the pressure differential that forms when the percolation down the throttle of deformation personally experience sth. Part of the body and can change to and the embedding unit includes the flow regulator that penetrates who sets up in the outflow side of flow regulator unit, penetrating flow regulator and having jet-flow decomposer, the moisture that this jet-flow decomposer will come from the flow regulator unit becomes a plurality of injection streams. In addition, jet-flow decomposer constitutes for the orifice plate to wherein the projection setting of at least one percolation passageway is in jet-flow decomposer's imperforate annulus region.

IPC 8 full level
E03C 1/084 (2006.01)

CPC (source: CN EP US)
E03C 1/08 (2013.01 - CN); **E03C 1/084** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2018166666A1

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

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DE 202017101436 U1 20180614; AU 2018233432 A1 20190725; AU 2018233432 B2 20231214; CN 108571037 A 20180925; CN 108571037 B 20210323; CN 110573682 A 20191213; CN 110573682 B 20210625; CN 206986982 U 20180209; EP 3596277 A1 20200122; EP 3596277 B1 20210728; EP 3670767 A1 20200624; EP 3670767 B1 20231004; EP 3670767 C0 20231004; ES 2895039 T3 20220217; ES 2964059 T3 20240403; MX 2019007334 A 20190909; PL 3670767 T3 20240520; US 11441298 B2 20220913; US 2021285194 A1 20210916; WO 2018166666 A1 20180920; WO 2018166666 A8 20181122

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