

Title (en)
SANITARY UNIT COMPRISING A PRESSURE-REDUCING VALVE

Title (de)
SANITÄRE EINHEIT MIT EINEM DRUCKREDUZIERVERTIL

Title (fr)
UNITÉ SANITAIRE DOTÉE D'UN DÉTENTEUR DE PRESSION

Publication
EP 4308765 A1 20240124 (DE)

Application
EP 22715992 A 20220316

Priority
• DE 202021101345 U 20210317
• EP 2022056784 W 20220316

Abstract (en)
[origin: WO2022194913A1] The invention relates to a sanitary unit (1) comprising a pressure-reducing valve (2) that has a valve housing (3) containing a valve support (6) provided with at least one through-flow channel (7), said valve comprising a cup-shaped valve body (5) which is guided such that it moves from an open position against a restoring force into a closed position. In the closed position, the valve body (5) sits on a valve seat (11) provided on the valve support (6) with the circumferential edge (9) of its cup shape, in such a way that the valve body (5) blocks at least one channel opening (12) of the at least one through-flow channel (7). The sanitary unit according to the invention is characterised, inter alia, in that the valve housing (3) has an external or internal thread (22) for screw connection to a coupling counterpart (23).

IPC 8 full level
E03C 1/02 (2006.01)

CPC (source: EP US)
E03C 1/021 (2013.01 - EP US); **G05D 16/103** (2013.01 - US); **E03C 2001/026** (2013.01 - EP US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 202021101345 U1 20220622; CN 117043425 A 20231110; EP 4308765 A1 20240124; US 2024151012 A1 20240509;
WO 2022194913 A1 20220922

DOCDB simple family (application)
DE 202021101345 U 20210317; CN 202280021428 A 20220316; EP 2022056784 W 20220316; EP 22715992 A 20220316;
US 202218282052 A 20220316