

Title (en)

PLUMBING SYSTEM HAVING A WASTEWATER LINE

Title (de)

INSTALLATIONSSYSTEM MIT EINER ABWASSERLEITUNG

Title (fr)

SYSTÈME DE PLOMBERIE DOTÉ D'UNE CONDUITE D'EAUX USÉES

Publication

**EP 4244192 A1 20230920 (DE)**

Application

**EP 21807014 A 20211104**

Priority

- DE 102020129847 A 20201112
- EP 2021080620 W 20211104

Abstract (en)

[origin: WO2022101083A1] Disclosed is a germ barrier in the concentrate/wastewater outlet of a plumbing system towards the wastewater channel in order to prevent backward bacterial contamination, wherein a UV lamp or a chemical germ barrier is used which comprises an alkaline material, in particular a material from the group consisting of carbonates, oxides or peroxides as well as combinations thereof.

IPC 8 full level

**C02F 1/72** (2023.01); **B01D 61/02** (2006.01); **C02F 1/32** (2023.01); **C02F 1/44** (2023.01); **C02F 1/66** (2023.01); **C02F 1/68** (2023.01)

CPC (source: EP US)

**B01D 61/025** (2013.01 - US); **B01D 61/027** (2013.01 - US); **B01D 61/10** (2013.01 - EP US); **B01D 65/08** (2013.01 - EP); **C02F 1/32** (2013.01 - EP US); **C02F 1/441** (2013.01 - US); **C02F 1/442** (2013.01 - US); **C02F 1/50** (2013.01 - US); **C02F 1/66** (2013.01 - EP US); **C02F 1/68** (2013.01 - EP); **C02F 1/688** (2013.01 - EP); **C02F 1/72** (2013.01 - EP); **C02F 1/722** (2013.01 - US); **B01D 2311/08** (2013.01 - EP US); **B01D 2311/2619** (2013.01 - EP); **B01D 2311/2634** (2013.01 - EP); **B01D 2321/164** (2013.01 - EP); **B01D 2321/343** (2013.01 - EP); **C02F 1/44** (2013.01 - EP); **C02F 1/441** (2013.01 - EP); **C02F 1/442** (2013.01 - EP); **C02F 1/722** (2013.01 - EP); **C02F 2201/006** (2013.01 - EP US); **C02F 2303/04** (2013.01 - EP US); **C02F 2303/20** (2013.01 - US)

Citation (search report)

See references of WO 2022101083A1

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)

**WO 2022101083 A1 20220519**; DE 102020129847 A1 20220512; EP 4244192 A1 20230920; US 2023405527 A1 20231221

DOCDB simple family (application)

**EP 2021080620 W 20211104**; DE 102020129847 A 20201112; EP 21807014 A 20211104; US 202118035548 A 20211104