

Title (en)

SELF-DISINFECTING DRAIN TRAP IN DRAINAGE CHANNELS

Title (de)

SELBSTDESINFIZIERENDER GERUCHVERSCHLUSS IN ABWASSERLEITUNGEN

Title (fr)

JOINT HYDRAULIQUE AUTODESINFECTANT D'UNE CONDUITE D'EAUX RESIDUAIRES

Publication

EP 1159493 A1 20011205 (DE)

Application

EP 99919068 A 19990311

Priority

DE 9900678 W 19990311

Abstract (en)

[origin: US6666966B1] The self-disinfecting drain trap is an arrangement for the automatic cleaning and disinfecting of drain traps in drain channels. The cleaning and disinfection take place automatically during normal usage and without interruption of the operation of the drain trap. They take place by means of a novel combination for drain traps of electromechanical oscillation, preferably ultrasound, heating the interior space of the drain trap and heating the confining liquid and preventing growth on the inner wall by means of a growth-inhibiting and antimicrobially effective coating. The danger of recontamination of sanitary apparatuses and devices and therewith also of the ambient air by microorganisms from wastewater pipelines is effectively countered therewith.

IPC 1-7

E03C 1/126

IPC 8 full level

E03C 1/126 (2006.01); **E03F 5/20** (2006.01)

CPC (source: EP US)

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Cited by

DE102005015129A1; DE102005015129B4; US10428500B2; WO2013071941A1; DE102015118193A1; WO2017072043A1

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