

Title (en)

WATER RECYCLING SYSTEM AND METHOD AND DEVICES THEREFOR

Title (de)

WASSERRECYCLINGANLAGE UND VERFAHREN UND VORRICHTUNGEN DAFÜR

Title (fr)

SYSTEME ET PROCEDE DE RECYCLAGE DE L'EAU ET DISPOSITIFS POUR CES DERNIERS

Publication

EP 0836661 A1 19980422 (EN)

Application

EP 96919960 A 19960603

Priority

- GB 9601315 W 19960603
- GB 9513670 A 19950705

Abstract (en)

[origin: WO9702388A1] A water recycling system including a collection tank (8) and a header tank (22) to which water is pumped from the collection tank (8) through a supply pipe (18) by a pump (20). The supply pipe (18) terminates in a siphon loop so that water from the header tank (22) which has been disinfected by a disinfectant dispenser (42) siphons back down the supply pipe (18) to the collection tank (8). Disinfectant may be added to water before or as it is pumped between the tanks (8, 22) and disinfectant may be sprayed over system elements, such as a filter (9) as pumping occurs and when back-flow of disinfected water to the collection tank (8) occurs. The invention also relates to disinfectant dispensers and filters arranged to flush particles from their surfaces automatically.

IPC 1-7

E03D 5/00

IPC 8 full level

E03B 1/04 (2006.01)

CPC (source: EP)

E03B 1/04 (2013.01); **E03B 2001/045** (2013.01); **Y02A 20/30** (2017.12)

Citation (search report)

See references of WO 9702388A1

Designated contracting state (EPC)

DE ES FR GB GR IT

DOCDB simple family (publication)

WO 9702388 A1 19970123; AU 5842096 A 19970205; EP 0836661 A1 19980422; GB 9513670 D0 19950906; ZA 964602 B 19971204

DOCDB simple family (application)

GB 9601315 W 19960603; AU 5842096 A 19960603; EP 96919960 A 19960603; GB 9513670 A 19950705; ZA 964602 A 19960604