

Title (en)

FILTERING APPARATUS FOR A GREY WATER RECYCLING SYSTEM

Title (de)

FILTERVORRICHTUNG FÜR GRAUWASSERRECYCLINGANLAGE

Title (fr)

APPAREIL DE FILTRAGE POUR SYSTÈME DE RECYCLAGE DES EAUX GRISÉS

Publication

EP 3423412 A1 20190109 (EN)

Application

EP 17715249 A 20170302

Priority

- GB 201603679 A 20160303
- GB 2017050566 W 20170302

Abstract (en)

[origin: GB2547922A] A filter apparatus 1 for a grey water recycling system comprising a housing 10, the housing comprising a grey water inlet 10a, a first grey water outlet 10b, a second grey water outlet 10c and a filter 18, the filter being located between the grey water inlet and the first grey water outlet, wherein the housing is configured such that, in use, grey water may flow from the inlet through the filter to the first grey water outlet, or from the inlet directly to the second grey water outlet. Preferably, the housing has a removable lid member 10h and a removable base member 10j. The filter can include a disinfectant element (24, Fig. 4a). The filter element may also include one or more float devices (20, Fig. 4a), the float devices being operable to move the disinfectant element within the housing during use. In another aspect, a storage tank (14, Fig. 5) is connectable to the first grey water outlet.

IPC 8 full level

C02F 1/00 (2006.01); **B01D 29/01** (2006.01); **B01D 29/56** (2006.01); **B01D 29/90** (2006.01); **C02F 1/50** (2006.01); **C02F 103/00** (2006.01)

CPC (source: EP GB)

C02F 1/001 (2013.01 - GB); **C02F 1/004** (2013.01 - EP); **E03B 1/042** (2013.01 - GB); **C02F 1/50** (2013.01 - EP);
C02F 2103/002 (2013.01 - EP GB); **C02F 2303/04** (2013.01 - EP); **E03B 2001/045** (2013.01 - GB)

Citation (search report)

See references of WO 2017149314A1

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

DOCDB simple family (publication)

GB 201603679 D0 20160420; GB 2547922 A 20170906; EP 3423412 A1 20190109; WO 2017149314 A1 20170908

DOCDB simple family (application)

GB 201603679 A 20160303; EP 17715249 A 20170302; GB 2017050566 W 20170302