

Title (en)

MANUALLY OPERATED WATER TREATMENT DEVICE AND METHOD FOR WASHING THE FILTER OF SAID DEVICE

Title (de)

HANDBETÄTIGTE WASSERBEHANDLUNGSVORRICHTUNG UND VERFAHREN ZUM WASCHEN DES FILTERS DIESER VORRICHTUNG

Title (fr)

DISPOSITIF POUR POTABILISER DE L'EAU A FONCTIONNEMENT MANUEL ET PROCEDE DE LAVAGE DU FILTRE DUDIT DISPOSITIF

Publication

EP 3774664 A1 20210217 (FR)

Application

EP 19718067 A 20190329

Priority

- FR 1870364 A 20180330
- EP 2019058069 W 20190329

Abstract (en)

[origin: WO2019185902A1] The invention relates to a manually operated water treatment device (1), which is in particular portable or transportable, having water inlet means (2), manual pumping means (3), a filter (4), a water outlet (5), a closed drain outlet (6), and preferably a blow-off (42), characterized in that it has a distribution chamber (7) which is arranged between the filter (4) and the water outlet (5) and which stores the clean filtered water output by the filter (4) to be dispensed through the water outlet (5), the distribution chamber (7) communicating directly with the filter (4), and the water in the distribution chamber being able to be sent under pressure into the filter in order to carry out backwashing of the filter.

IPC 8 full level

C02F 1/00 (2006.01); **B01D 29/60** (2006.01); **B01D 29/66** (2006.01); **B01D 35/147** (2006.01); **B01D 65/02** (2006.01); **C02F 1/44** (2006.01)

CPC (source: EP US)

B01D 61/081 (2022.08 - EP); **B01D 61/18** (2013.01 - EP); **C02F 1/002** (2013.01 - EP US); **B01D 2313/20** (2013.01 - EP US);
B01D 2313/243 (2013.01 - EP); **B01D 2313/367** (2022.08 - EP); **B01D 2313/46** (2013.01 - EP); **B01D 2313/501** (2022.08 - EP);
B01D 2321/04 (2013.01 - EP); **B01D 2321/12** (2013.01 - EP); **C02F 1/44** (2013.01 - EP); **C02F 2201/005** (2013.01 - EP);
C02F 2201/008 (2013.01 - EP); **C02F 2201/009** (2013.01 - EP); **C02F 2301/066** (2013.01 - EP); **C02F 2303/16** (2013.01 - EP);
Y02A 20/208 (2018.01 - EP); **Y02A 20/211** (2018.01 - EP); **Y02A 20/212** (2018.01 - EP)

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)

WO 2019185902 A1 20191003; CN 214495757 U 20211026; EP 3774664 A1 20210217; FR 3079512 A1 20191004; FR 3079512 B1 20210716;
MA 52194 A 20210217; ZA 202005904 B 20210728

DOCDB simple family (application)

EP 2019058069 W 20190329; CN 201990000602 U 20190329; EP 19718067 A 20190329; FR 1870364 A 20180330; MA 52194 A 20190329;
ZA 202005904 A 20200923