

Title (en)
A WATER PURIFICATION DEVICE

Title (de)
WASSERREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE PURIFICATION DE L'EAU

Publication
EP 2576450 A1 20130410 (EN)

Application
EP 11719831 A 20110517

Priority

- EP 10169363 A 20100713
- IN 1648MU2010 A 20100531
- EP 2011057919 W 20110517

Abstract (en)
[origin: WO2011151168A1] The invention relates to a water purification device and in particular relates to a water purification device that may be used as a gravity fed system or adapted to be connected to the main water supply. The present water purification device is capable of dosing a controlled level of a biocide to the water and has a filtration unit that functions as a filter-cum-biocide-scavenger. This water purification device provides several advantages over the prior art especially in terms of reducing the complexity of the device thus making it economical and reducing the number of replaceable parts without affecting the performance in terms of microbial safety or flow rate. Another advantage of the system is that it can be adapted for use with liquid biocides.

IPC 8 full level
C02F 1/68 (2006.01)

CPC (source: EP)
C02F 1/686 (2013.01); **C02F 1/001** (2013.01); **C02F 1/283** (2013.01); **C02F 1/688** (2013.01); **C02F 1/76** (2013.01); **C02F 2303/04** (2013.01);
C02F 2303/18 (2013.01); **C02F 2307/10** (2013.01)

Citation (search report)
See references of WO 2011151168A1

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

DOCDB simple family (publication)
WO 2011151168 A1 20111208; AR 081429 A1 20120829; BR 112012025832 A2 20160628; CL 2012003256 A1 20130705;
CN 102906029 A 20130130; CN 102906029 B 20150603; EA 021746 B1 20150831; EA 201201408 A1 20130329; EP 2576450 A1 20130410;
HK 1177450 A1 20130823; MX 2012013993 A 20121217; MX 344488 B 20161216; PE 20131023 A1 20130912; TW 201206842 A 20120216;
TW I519487 B 20160201

DOCDB simple family (application)
EP 2011057919 W 20110517; AR P110101843 A 20110530; BR 112012025832 A 20110517; CL 2012003256 A 20121122;
CN 201180027031 A 20110517; EA 201201408 A 20110517; EP 11719831 A 20110517; HK 13104583 A 20130416;
MX 2012013993 A 20110517; PE 2012002141 A 20110517; TW 100118897 A 20110530