

Title (en)

FILTER UNIT FOR FILTERING LIQUID

Title (de)

FILTEREINHEIT ZUM FILTERN VON FLÜSSIGKEIT

Title (fr)

UNITÉ DE FILTRE POUR FILTRER UN LIQUIDE

Publication

EP 3445469 A4 20191030 (EN)

Application

EP 17785515 A 20170421

Priority

- FI 20165355 A 20160422
- FI 2017050306 W 20170421

Abstract (en)

[origin: WO2017182718A1] According to one embodiment, the application relates to a filter unit (130) for liquid purification. The unit comprises a first filter (132) for purifying a liquid, a casing (160) for protecting the first filter, coupling elements (128, 134) for connecting the unit to an inlet channel for a liquid to be purified and to an outlet channel for a purified liquid, and a pump element (120) for conveying the liquid through the unit. In addition, the unit comprises a sensor element (190) observing the level of purified liquid inside the casing (161, 172). The detected level is used as a basis for instructing the pump element to remove the purified liquid from within the casing into the outlet channel.

IPC 8 full level

B01D 29/60 (2006.01); **C02F 1/00** (2006.01); **E03C 1/12** (2006.01); **F24D 17/00** (2022.01)

CPC (source: EP)

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C02F 2303/10 (2013.01); **E03C 2001/005** (2013.01); **Y02W 10/30** (2015.05)

Citation (search report)

- [I] EP 2602389 A1 20130612 - LOPEZ ALARCON CANDELAS [ES]
- [A] EP 2060310 A1 20090520 - DELPHI TECH INC [US]
- See references of WO 2017182718A1

Designated contracting state (EPC)

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