

Title (en)  
DEVICE FOR PURIFYING DRINKING WATER

Title (de)  
VORRICHTUNG ZUR REINIGUNG VON TRINKWASSER

Title (fr)  
DISPOSITIF POUR PURIFIER DE L'EAU POTABLE

Publication  
**EP 3743385 A1 20201202 (DE)**

Application  
**EP 19701820 A 20190123**

Priority  
• DE 202018100396 U 20180124  
• EP 2019051650 W 20190123

Abstract (en)  
[origin: CA3087920A1] The present application relates to a device for the multi-stage, modular purification of drinking water, wherein a module comprises a chelating gel or a chelating and a bactericidal gel for heavy metal removal and/or for heavy metal removal and bacterial removal.

IPC 8 full level  
**C02F 9/00** (2006.01); **B01J 20/20** (2006.01); **B01J 20/291** (2006.01); **C02F 1/28** (2006.01); **C02F 1/32** (2006.01); **C02F 1/42** (2006.01); **C02F 1/44** (2006.01); **C02F 1/50** (2006.01); **C02F 1/66** (2006.01); **C02F 1/68** (2006.01); **C02F 1/72** (2006.01); **C02F 1/76** (2006.01); **C02F 101/20** (2006.01)

CPC (source: EP KR US)  
**B01D 61/025** (2013.01 - US); **B01D 61/145** (2013.01 - US); **B01J 20/20** (2013.01 - KR); **B01J 20/291** (2013.01 - EP); **C02F 1/008** (2013.01 - US); **C02F 1/283** (2013.01 - KR); **C02F 1/285** (2013.01 - KR); **C02F 1/288** (2013.01 - KR); **C02F 1/32** (2013.01 - KR); **C02F 1/42** (2013.01 - KR); **C02F 1/441** (2013.01 - KR); **C02F 1/444** (2013.01 - KR); **C02F 1/50** (2013.01 - KR); **C02F 1/66** (2013.01 - KR); **C02F 1/683** (2013.01 - KR); **C02F 1/76** (2013.01 - KR); **C02F 9/00** (2013.01 - EP KR); **C02F 9/20** (2023.01 - US); **B01D 2311/2626** (2013.01 - US); **B01D 2311/2649** (2013.01 - US); **B01D 2311/268** (2013.01 - US); **B01J 20/20** (2013.01 - EP); **C02F 1/003** (2013.01 - US); **C02F 1/02** (2013.01 - US); **C02F 1/283** (2013.01 - EP US); **C02F 1/285** (2013.01 - EP); **C02F 1/288** (2013.01 - EP); **C02F 1/32** (2013.01 - EP US); **C02F 1/42** (2013.01 - EP); **C02F 1/441** (2013.01 - EP US); **C02F 1/444** (2013.01 - EP US); **C02F 1/50** (2013.01 - EP US); **C02F 1/66** (2013.01 - EP); **C02F 1/683** (2013.01 - EP US); **C02F 1/685** (2013.01 - US); **C02F 1/76** (2013.01 - EP US); **C02F 5/00** (2013.01 - US); **C02F 2101/20** (2013.01 - EP KR US); **C02F 2201/006** (2013.01 - EP KR); **C02F 2201/007** (2013.01 - EP KR US); **C02F 2209/05** (2013.01 - EP KR US); **C02F 2209/06** (2013.01 - EP KR US); **C02F 2303/04** (2013.01 - EP KR US); **C02F 2303/16** (2013.01 - EP KR US); **C02F 2307/06** (2013.01 - US)

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)  
**DE 202018100396 U1 20180219**; AU 2019211004 A1 20200820; AU 2019211004 B2 20240222; CA 3087920 A1 20190801; CN 111630006 A 20200904; CN 213623558 U 20210706; EP 3743385 A1 20201202; JP 2021511207 A 20210506; JP 2024075577 A 20240604; KR 20200108452 A 20200918; KR 20240033085 A 20240312; RU 2020125872 A 20220224; RU 2020125872 A3 20220330; TR 201801845 U5 20190821; US 2021078889 A1 20210318; WO 2019145368 A1 20190801; ZA 202005119 B 20210728

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**DE 202018100396 U 20180124**; AU 2019211004 A 20190123; CA 3087920 A 20190123; CN 201820235379 U 20180209; CN 201980009366 A 20190123; EP 19701820 A 20190123; EP 2019051650 W 20190123; JP 2020540474 A 20190123; JP 2024027425 A 20240227; KR 20207023122 A 20190123; KR 20247006103 A 20190123; RU 2020125872 A 20190123; TR 201801845 U 20180209; US 201916963726 A 20190123; ZA 202005119 A 20200818