

Title (en)

MEMBRANE METHOD FOR MAKING SURFACE WATER DRINKABLE WITHOUT ADDING ANY SEQUESTERING AGENT

Title (de)

MEMBRANVERFAHREN ZUR HERSTELLUNG VON OBERFLÄCHENWASSER, DAS OHNE ZUGABE EINES MASKIERUNGSMITTELS TRINKBAR IST

Title (fr)

PROCÉDÉ MEMBRANAIRE DE POTABILISATION D'EAUX DE SURFACE SANS AJOUT DE SÉQUESTRANT

Publication

EP 3983115 A1 20220420 (FR)

Application

EP 20731119 A 20200611

Priority

- FR 1906187 A 20190611
- EP 2020066193 W 20200611

Abstract (en)

[origin: WO2020249668A1] Method for making surface water drinkable, which method is aimed at reducing the suspended matter content, turbidity, organic matter content and colour of the water, and is characterised in that it comprises: • a step of nanofiltering the water (2) through at least one nanofiltration membrane (2) which has a breakdown capacity between 800 Da and 2000 Da, preferably between 800 and 1000 Da, the nanofiltration step leading to the acquisition of a permeate (7) and a concentrate (5), • wherein the nanofiltration step is carried out with a conversion rate greater than 95%, • the method being carried out without any step of adding an anti-scaling agent or any step of remineralising the permeate.

IPC 8 full level

B01D 61/02 (2006.01); **B01D 61/04** (2006.01); **B01D 61/14** (2006.01); **B01D 71/68** (2006.01); **C02F 1/28** (2006.01); **C02F 1/44** (2006.01); **C02F 1/78** (2006.01)

CPC (source: EP US)

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C-Set (source: EP)

1. **B01D 2311/06** + **B01D 2311/2626**
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Designated extension state (EPC)

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