

Title (en)

WATER PURIFICATION SYSTEM AND REMOVAL OF HALIDES

Title (de)

WASSERREINIGUNGSSYSTEM UND ENTFERNUNG VON HALOGENIDEN

Title (fr)

SYSTEME DE PURIFICATION DE L'EAU ET D'ELIMINATION D'HALURES

Publication

EP 0723526 A4 19961218 (EN)

Application

EP 94919230 A 19940525

Priority

- IL 10590593 A 19930603
- US 9405849 W 19940525

Abstract (en)

[origin: WO9429228A1] A process for the purification of water to render it fit for drinking. It is passed first through a halogenated resin and after this through activated carbon impregnated with silver, which contains a comparatively high silver content, of at least two per cent by weight, and up to about 14 weight per cent. A purification system for carrying out such process comprising a sequence of a layer of halogenated resin followed by activated carbon impregnated with at least two weight per cent silver. The impregnated silver absorbs efficiently a high percentage of bromide/ bromine, iodide/iodine or mixtures of these.

IPC 1-7

C02F 9/00; **C02F 1/50**; **C02F 1/58**; **B01D 24/02**

IPC 8 full level

B01D 35/04 (2006.01); **C02F 1/28** (2006.01); **C02F 1/50** (2006.01); **C02F 1/58** (2006.01); **C02F 1/76** (2006.01)

CPC (source: EP KR)

C02F 1/283 (2013.01 - EP KR); **C02F 1/505** (2013.01 - EP KR); **C02F 1/766** (2013.01 - EP KR); **C02F 2303/185** (2013.01 - EP KR)

Citation (search report)

- [X] GB 2215325 A 19890920 - PRE MAC [GB]
- See references of WO 9429228A1

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WO 9429228 A1 19941222; BR 9406788 A 19960130; CA 2163857 A1 19941222; EP 0723526 A1 19960731; EP 0723526 A4 19961218; IL 105905 A0 19931020; IL 105905 A 20060410; JP H08510958 A 19961119; KR 960702817 A 19960523

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