

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

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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