Title (en)
METHOD FOR REMOVING RADIOACTIVE IODIDE FROM WASTEWATER

Title (de)
METHODE ZUR ENTFERNUNG VON RADIOAKTIVEM JODID AUS ABWÄSSERN

Title (fr)
PROCÉDÉS POUR ÉLIMINER L'IODURE RADIOACTIF CONTENU DANS DES EAUX USÉES

Publication
EP 3807223 A1 20210421 (DE)

Application
EP 19733436 A 20190618

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Abstract (en)
[origin: WO2019243338A1] The invention relates to a method for reducing the iodide content in aqueous systems, particularly to a method for purifying hospital wastewater created in connection with radiochemistry, diagnostics and therapy. Radioactive iodide is removed from wastewater in that it is precipitated by an excess of silver or copper ions. The remaining heavy metal ions are removed from the wastewater in a second step by precipitation using a halide salt. The treated wastewater thus contains reduced radioactive contamination and a low content of heavy metals and can be discharged to public wastewater systems.

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Citation (search report)
See references of WO 2019243338A1

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