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**Arsenic removal from water by hybrid electro-regenerated anion exchange  
resin/electrodialysis process**

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**Abstract**

One of the major public health concerns worldwide is arsenic presence in the water intended for human consumption in different countries. This paper proposes the use of the hybrid ion exchange/electrodialysis (IXED) process for arsenic removal from water. Its objective is to lower the concentration of dilute solutions of As(V) ions to values below the maximum limit ( $10 \mu\text{g L}^{-1}$  As) recommended by the World Health Organization. To prove this method, a 5-compartment cell was used: a central compartment filled with anion exchange resin and delimited by anion exchange membranes, two adjacent compartments

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