Title (en)

APPARATUS AND METHODS FOR AQUEOUS ORGANIC WASTE TREATMENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG VON WÄSSRIGEM ORGANISCHEM ABFALL

Title (fr)

APPAREIL ET PROCÉDÉS DE TRAITEMENT DE DÉCHETS ORGANIQUES AQUEUX

Publication

EP 3606877 A1 20200212 (EN)

Application

EP 18719241 A 20180409

Priority

- GB 201705646 A 20170407
- GB 2018050936 W 20180409

Abstract (en)

[origin: WO2018185500A1] An apparatus for the treatment of an aqueous organic waste liquid to provide a treated liquid containing less organic matter, the apparatus comprising: a treatment reservoir defining first and second zones separated by a porous separator, carbon-based adsorbent material capable of electrochemical regeneration provided in said first and second zones, the adsorbent material in each zone being coupled to a source of electrical power for providing a potential difference between the adsorbent material in each zone such that the adsorbent material in a first zone acts as an anode and the adsorbent material in a second zone acts as a cathode; wherein the total surface area of the adsorbent material in the first zone is different to the total surface area of the adsorbent material in the second zone. A method for the treatment of an aqueous organic waste liquid is also described.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2018185500A1

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