

Title (en)  
METHOD AND DEVICE FOR CARRYING OUT MEMBRANE PURIFICATION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR MEMBRANREINIGUNG

Title (fr)  
PROCEDE ET DISPOSITIF DE PURIFICATION SUR MEMBRANE

Publication  
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Application  
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Abstract (en)  
[origin: WO0205936A1] The invention relates to a method and device for carrying out electrofiltration. Electrofiltration is a commonly known method, which is frequently used in industry for purifying suspensions, such as wastewater resulting from manufacturing processes. Prior art devices used for carrying out electrofiltration have the drawback in that large amounts of expensive metals such as titanium, gold, iridium, platinum and the like have to be used as counter-electrodes to the membrane electrodes. The aim of the invention is to improve the filtration results compared to those of conventional filtration methods and modules without requiring the use of large amounts of expensive metals for the counter-electrodes. To this end, the invention provides a method, according to which the membrane electrodes are displaced, and a device for carrying out said method. The inventive method and device can be used for separating substances.

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