Title (en)

APPARATUS FOR ELECTRODIALYTIC CLEANING OF PRODUCTS AND MEDIA WHICH CONTAIN HEAVY METALS

Title (de)

APPARAT ZUM ELEKTRODIALYTISCHEN REINIGEN VON SCHWERMETALLEN ENTHALTENDEN PRODUKTEN UND MEDIEN

Title (fr)

APPAREIL D'EPURATION PAR ELECTRODIALYSE DE PRODUITS ET DE MILIEUX CONTENANT DES METAUX LOURDS

Publication

**EP 0969936 A1 20000112 (EN)**

Application

**EP 97904345 A 19970212**

Priority

- DK 9700064 W 19970212
- DK 14296 A 19960212

Abstract (en)

[origin: WO9729865A1] An apparatus is disclosed for the electrokinetic removal of metals, said apparatus having a built-in positive or negative electrode which is surrounded by a first circulation system demarcated with a charge-selective membrane (12) which transfers ions with the same charge as the electrode (2), said first circulation system being separated from a second circulation system with a charge-selective membrane (12) arranged for accumulation, and which in turn is demarcated with yet a further charge-selective membrane (13) which transfers ions with a charge opposite to that of the electrode (2). The apparatus has a spear (16) which is built up around a pressure-stable core of plastic (9) and contributes towards the distribution of circulation liquids (8 and 10), and the spear (16) tapers down towards that end which faces downwards in the medium.

IPC 1-7

**B09C 1/00**; A62D 3/00; C02F 11/00

IPC 8 full level

**B09C 1/08** (2006.01); **C02F 1/469** (2006.01)

CPC (source: EP)

**B09C 1/085** (2013.01); **C02F 1/469** (2013.01); C02F 2201/4611 (2013.01); C02F 2201/46115 (2013.01)

Citation (search report)

See references of WO 9729865A1

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