

Title (en)
DEVICE AND METHOD FOR REMOVING HEAVY METALS FROM CONTAMINATED SAMPLES WITH MEMBRANES COMPRISING PURIFIED METALLOTHIONEIN

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ENTFERNUNG VON SCHWERMETALLEN AUS KONTAMINIERTEN PROBEN MIT MEMBRANEN, DIE GEREINIGTES METALLOTHIONEIN ENHALTEN

Title (fr)
COMPOSITIONS ET PROCEDES PERMETTANT DE RETIRER DES METAUX LOURDS D'ECHANTILLONS CONTAMINES AU MOYEN DE MEMBRANES COMPORTANT DES PROTEINES METALLOTHIONEINES PURIFIEES (MT)

Publication
EP 1799335 A2 20070627 (EN)

Application
EP 05812434 A 20051019

Priority
• US 2005038136 W 20051019
• US 62052804 P 20041019

Abstract (en)
[origin: WO2006045103A2] Devices, such a solid supports having metal binding proteins, such as metallothionein proteins, bound thereto are disclosed for removing metals from substrates in need of having such metals removed therefrom. Specifically membranes having metallothionein proteins form the brine shrimp <i

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CPC (source: EP US)
B01D 15/00 (2013.01 - EP); **B01D 61/00** (2013.01 - EP); **B01D 69/1411** (2022.08 - EP US); **B01J 20/24** (2013.01 - EP); **B01J 20/26** (2013.01 - EP); **B01J 20/265** (2013.01 - EP); **B01J 20/28033** (2013.01 - EP); **C07K 14/415** (2013.01 - EP); **C07K 14/825** (2013.01 - EP); **C12N 15/8259** (2013.01 - EP); **B01J 2220/4856** (2013.01 - EP); **C02F 1/286** (2013.01 - EP); **C02F 2101/20** (2013.01 - EP)

Cited by
EP2662150A2; DE102012008815A1; EP2596873A2; DE102011119357A1; US8986313B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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