

Title (en)

PURIFICATION DEVICE FOR REMOVING HEAVY METALS FROM CONTAMINATED AQUEOUS EFFLUENTS

Publication

**EP 0049656 B1 19850529 (FR)**

Application

**EP 81401493 A 19810925**

Priority

FR 8021407 A 19801007

Abstract (en)

[origin: EP0049656A1] 1. Purification device for removing heavy metal contaminants from aqueous effluents, characterized in that it comprises a crosslinked hydrophilic copolymer support derived from 85 to 95% by weight of a hydrophilic monounsaturated monomer and 5 to 15% by weight of a polyunsaturated monomer, and an agent capable of complexing heavy metals incorporated in said support in an amount from 2 to 20% by weight, based on total weight of agent and support, said agent being selected from 2-thiobenzimidazole, chloro-, nitro- or dimethyl derivatives of 2-thiobenzimidazole, 2-thio-3-vinylbenzimidazole, thioureidobenzimidazole, 2-aminobenzimidazole and guanidines.

IPC 1-7

**G21F 9/12**

IPC 8 full level

**G21F 9/12** (2006.01)

CPC (source: EP)

**G21F 9/12** (2013.01)

Cited by

FR2813208A1; KR100848582B1; WO0218050A1

Designated contracting state (EPC)

BE DE GB IT NL

DOCDB simple family (publication)

**EP 0049656 A1 19820414; EP 0049656 B1 19850529**; DE 3170732 D1 19850704; FR 2491670 A1 19820409; FR 2491670 B1 19820910

DOCDB simple family (application)

**EP 81401493 A 19810925**; DE 3170732 T 19810925; FR 8021407 A 19801007