

Title (en)

METHOD FOR THE ELIMINATION OF URANIUM(VI) SPECIES IN THE FORM OF URANYL COMPLEXES FROM WATERS

Title (de)

VERFAHREN ZUR ENTFERNUNG VON URAN(VI)-SPECIES IN FORM VON URANYLKOMPLEXEN AUS WÄSSERN

Title (fr)

PROCEDE D'ELIMINATION D'ESPECES URANE (VI) PRESENTES SOUS FORME DE COMPLEXES URANYLES, DANS DES EAUX

Publication

**EP 1742883 A1 20070117 (DE)**

Application

**EP 05736327 A 20050504**

Priority

- EP 2005005032 W 20050504
- DE 102004022705 A 20040505

Abstract (en)

[origin: WO2005108303A1] The invention relates to a method for eliminating uranium(VI) species from waters by means of slightly basic polyacryl-based anion exchangers, said uranium(VI) species being provided in the form of uranyl complexes as dissolved uranyl.

IPC 8 full level

**C02F 1/42** (2006.01); **B01J 41/04** (2006.01); **C22B 3/42** (2006.01); **C22B 60/02** (2006.01)

CPC (source: EP US)

**B01J 41/07** (2016.12 - EP US); **C02F 1/42** (2013.01 - EP US); **C22B 3/42** (2013.01 - EP US); **C22B 60/0265** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **C02F 2001/422** (2013.01 - EP US); **C02F 2101/006** (2013.01 - EP US); **C02F 2101/20** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP US)

Citation (search report)

See references of WO 2005108303A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005108303 A1 20051117**; CA 2565637 A1 20051117; CA 2565637 C 20121120; DE 102004022705 A1 20051215; DE 102004022705 B4 20120531; DE 202004021710 U1 20100930; EP 1742883 A1 20070117; US 2008112863 A1 20080515; US 8137644 B2 20120320

DOCDB simple family (application)

**EP 2005005032 W 20050504**; CA 2565637 A 20050504; DE 102004022705 A 20040505; DE 202004021710 U 20040505; EP 05736327 A 20050504; US 57948905 A 20050504