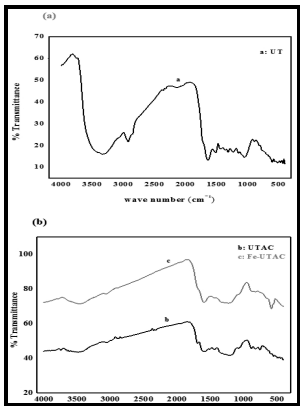
Selective Recovery of Arsenic From Aqueous Solutions with Hydrated Titanium Dioxide.

s.n - Titanium Dioxide Patents and Patent Applications (Class 423/610)



Description: -
-Selective Recovery of Arsenic From Aqueous Solutions with Hydrated Titanium Dioxide.
-
Information circular (United States. Bureau of Mines) -- 7914
Information circular (United States. Bureau of Mines) -- 6346
Report of investigations (United States. Bureau of Mines) -- 8756Selective Recovery of Arsenic From Aqueous Solutions with Hydrated Titanium Dioxide.
Notes: 1
This edition was published in 1982

Tags: #US6824690B1

US8454816B1

The aqueous concentrated strip MnSO4 product liquor 622 then goes for further processing depending on the desired product form. Particle diameters for all the samples N, nm were took from SEM photos N SEM and calculated from the surface areas determined by the comparative method S CM. The methods of making include forming a mesoporous metal oxide microsphere composition and treating the mesoporous metal oxide microspheres by at least annealing in a reducing atmosphere, doping with an aliovalent element, and coating with a coating composition.

US Patent Application for PROCESS FOR SELECTIVE ADSORPTION AND RECOVERY OF LITHIUM FROM NATURAL AND SYNTHETIC BRINES Patent Application (Application #20190256368 issued August 22, 2019)

The steam-liquid stream 111 mixture is separated in a second knock-out vessel 564.

Nanoconfined hydrous titanium oxides with excellent acid stability for selective and efficient removal of As(V) from acidic wastewater

Arsenite adsorption onto Fe-UTAC was studied at 298 — 328 K.

Efficient removal of thallium and EDTA from aqueous solution via the Fenton process

Desalination and Water Treatment 2016, 57 60 , 29448-29456.

NIOSHTIC

In nature, this charge is neutralized by inorganic cations such as Na + or Ca 2+ on the clay interlayers and external surfaces. Abstract: Present disclosure provides a process for the synthesis of visible light responsive doped titania photocatalysts. Because of the rough surface of paper, gloss and photochemical stability are not as important in paper as they are in paint.

US6824690B1

National Technology and Engineering Solutions of Sandia LLC Sandia National Laboratories Original Assignee Sandia Corp Priority date The priority date is an assumption and is not a legal conclusion. However, most technologies for arsenic removal are hindered by the difficulty of removing arsenite. Synthesis of magnetic wheat straw for arsenic adsorption.

Synthesis, characterization and adsorption behavior of Mo(VI) and W(VI) ions on titanium dioxide nanoparticles containing anatase modification

Manufacture of Titanium Dioxide Pigments In opposition of the popular belief, the most widely used titanium product is not the titanium metal and alloys, but rather is the titanium dioxide TiO 2 pigment that provide whiteness and opacity to a vast range of everyday products from coatings and plastics, to inks and even as flux in glass manufacture, filler in paper, rubber industries , cosmetics and food.

ADSORPTION OF As(III) FROM AQUEOUS SOLUTION ONTO IRON IMPREGNATED USED TEA ACTIVATED CARBON: EQUILIBRIUM, KINETIC AND THERMODYNAMIC STUDY

These constants were calculated from the intercept and slope of the plots of X vs. The degree of sorption was evaluated as This is consistent with the literature data that the latter sample with anatase Fig. A few applications, light shades among them, call for yellow undertone pigment because the transmitted light is bluish.

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