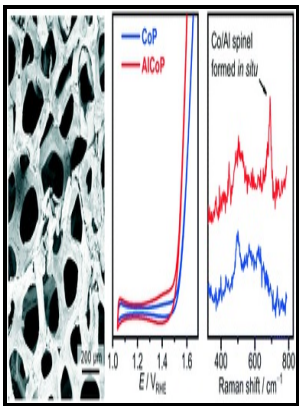
Behaviour of precious metal electrodes during chlorine evolution.

University of Salford - Reverse electrodialysis: evaluation of suitable electrode systems



Description: -
-behaviour of precious metal electrodes during chlorine evolution.
-
D10576/74behaviour of precious metal electrodes during chlorine evolution.
Notes: PhD thesis, Chemistry.
This edition was published in 1974

Filesize: 52.77 MB

Tags: #US4105530A

Chlorine in Drinking Water

In order to reduce the relative power loss of the electrode system, RED stacks should have a large number of cells.

US4105530A

It is a further object to provide an electrode for said use having a coating having a reduced expensive precious metal content. WV reduces, and the electrochemical reaction overpotential is low, and energy consumption reduces, and as in chlorine industry is produced, uses the DSA electrode generally can save direct current energy 10%-20%. In order to gain further insights, it is interesting to compare the above results with few- and multilayered graphene, applying the same analysis of stability and cyclability experiments towards the HER.

Reverse electrodialysis: evaluation of suitable electrode systems

The accelerated wear test, using the chlorate electrolyte with low chloride content, third test showed that the cell voltage started to rise after 14 days of operation.

Recycling of Gold Using Anodic Electrochemical Deposition from Molten Salt Electrolyte

The performance is also strongly related to the hierarchically structured mesoporous NiFe catalyst on the macroporous NF frame, which provides abundant active sites to be exposed to electrolytes.

Recycling of Gold Using Anodic Electrochemical Deposition from Molten Salt Electrolyte

Pure water has an about one-millionth that of seawater. A typical salt would be RuCl3, IrCl3, PtCl4, or RhCl3, in 0.

A selective and efficient precious metal

Physical Chemistry Chemical Physics 14, 8264—8281, 2012.

A selective and efficient precious metal

This is in agreement with the voltammetry observed in Fig.

Related Books

- Cranes
- Filters and lens accessories.
- Sponges, jellyfish & other simple animals
- Winstons cumulative loose-leaf encyclopedia - a comprehensive reference book
- Chasing Catullus - poems, translations & transgressions