

FILTRATION METHOD OF COPPER ELECTROLYTE
ABSTRACT

The present invention provides a filtration method of copper electrolyte that can remove minute electrolytic by-products and dirt and may improve filtration efficiency by improving a conventional filtration method, the so-called precoating method. In a filtration method of copper electrolyte for removing electrolytic by-products and dirt which affect copper electrolysis, by passing copper electrolyte through a filter element precoated with a filtering aid, in the present invention, a precoated layer of a filtering aid is formed on a filter element in advance. Activated carbon preliminary treatment solution containing powdery activated carbon is passed through the filter element formed with the precoated layer, and is also circulated until no powdery activated carbon leaks from an outlet of the filter element, thus forming a powdery activated carbon layer on the precoated layer. Subsequently, the copper electrolyte is passed through for filtration.

Fig. 3