

**96-0069**

The invention relates to the regeneration process of the salt- or sulfuric acid disposal solutions of metal etching and the device for its realization by the electrolysis thereof at hightened density of the cathodic current, the removal of the suspension and the sedimentation into the organic liquid comprising of chlorinated hydrocarbons, unmixable with the disposal solution and having a high density. The device is supplied with a cathode containing inside a rotatable anode in the form of truncated cones, an adjusting screw of the anode-cathodic distance, a conic funnel and an impeller, feeding the solution into the interelectrodic space.

The technical result consists in increasing the metal recovery and efficiency rate and the repeated dissolution protection thereof.