

METHOD FOR THE TREATMENT OF TETRAALKYLAMMONIUM ION-
CONTAINING DEVELOPMENT WASTE LIQUOR

ABSTRACT OF THE DISCLOSURE

A method for the treatment of tetraalkylammonium ion-containing development waste liquor by conducting successively the conversion step of bringing an acid into contact with a cation-exchange resin or a chelating resin to convert the resin into a H^+ -form one, the acid removal step of bringing water into contact with the H^+ -form resin until the pH of the eluate from the resin becomes 3 or above, the step of bringing a 0.3 to 0.8 mol/L tetraalkylammonium ion solution into contact with the resulting resin to convert the resin into a tetraalkylammonium-form one, and the step of bringing a tetraalkylammonium ion-containing development waste liquor into contact with the tetraalkylammonium-form resin to remove impurities from the waste liquor.