

ABSTRACT

The present invention discloses a method for resource recovery of potassium iodide and boric acid from waste water containing iodine and boric acid produced by PVA dyeing in the electronics industry. The method for recycling the iodine and boric acid containing waste water from the electronics industry comprises a series of steps of pH adjustment, reduction, membrane module treatment, evaporation, condensation, crystallization, cooling, recrystallization, resin based adsorption, elution and water reuse. The potassium iodide resource, boric acid resource and the water resource in the waste water can be recovered. The disclosed method is easy-to-operate and environment-friendly with a high degree of resource recovery.

Fig.1