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ABSTRACT OF THE DISCLOSURE

A copper chloride etching waste liquor is treated by a process comprising exposing the etching waste liquor to an atmosphere of 400 to 1,200 °C to generate cupric oxide and hydrogen chloride, separating and collecting the cupric oxide, dissolving the hydrogen chloride into water, and collecting the resulting hydrochloric acid, and an apparatus suitable for the process comprises a concentrating tower for concentrating the etching waste liquor, a roasting furnace for exposing the concentrate to a high-temperature atmosphere to generate a cupric oxide and a gas mixture containing hydrogen chloride, a cyclone, cooling tower and electrostatic precipitator for collecting the cupric oxide and for feeding the remaining gas mixture to the concentrating tower, a hydrochloric acid collecting tower for collecting hydrochloric acid from a gas mixture discharged from the concentrating tower, and a gas cleaning tower for neutralizing the exhaust gas discharged from the hydrochloric acid collecting tower.

This Sheet Has Been Replaced

