

Thematic course: Disposal of chromium waste. Part 2.

Conditions of deposition of chromium(VI) with metal shavings from sulfuric acid solutions of chromium within hydronium jarosite production

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Abstract

The innovation way to solve of galvanic shops chromium waste waters neutralization problem, in base of one lies hexavalent chromium reaction with steel shavings in acid, is considered in this paper. In the result of kinetic studies of hydroniumjarosite production from model solution optimal process conditions were obtained with achieving the minimal residual chromium concentration in aqueous solutions.