



SONOCHEMICAL ENHANCEMENT OF CYANIDE OXIDATION METHODS

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Abstract

This paper presents a short review of the classical methods for cyanide treatment, together with some potential applications of ultrasound irradiation for cyanide remediation. By the combination of ultrasound irradiation with usual oxidants like hydrogen peroxide or oxygen new and efficient methods of cyanide degradation can be obtained. This paper presents a short review of the classical methods for cyanide treatment, together with some potential applications of ultrasound irradiation for cyanide remediation. By the combination of ultrasound irradiation with usual oxidants like hydrogen peroxide or oxygen new and efficient methods of cyanide degradation can be obtained.

Keywords: cyanide oxidation, ultrasound irradiation, sonochemistry, sonoelectrochemistry.

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