AN ELECTROLYTIC DISSOLUTION OF LEAD BY MEANS OF DOUBLE DIAPHRAGMS

Z. A. Iofa

A new method of technical electrolysis of metals has been elaborated, using two diaphragms made of textile fabric and of a continuous motion of electrolyte which allows of an electrolytic process at the anode and at the cathode independently from each other, with only an anode dissolution of metal and a cathode eduction of hydrogen.

This is attained in a specially constructed bath of a filter presstype, by the establishment of a continuous motion of electrolyte from the interdiaphragm space of such cell towards the motion of ions carrying the electric current at a rate, which ensures the carrying along of ions of metals back into the anode chamber and the ions of hydroxyl into the cathode one, which in its turn is realized by a continues discharge of solutions from the bath.

Т. VIII *ЖУРНАЛ ПРИКЛАДНОЙ ХИМИИ* *№ 3*

ЭЛЕКТРОЛИТИЧЕСКОЕ РАСТВОРЕНИЕ СВИНЦА ПО СПОСОБУ ДВОЙНЫХ ПРОТОЧНЫХ ДИАФРАГМ

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