

Boldyrev A.A., Boldyrev A.I., Padurets A.A., Pechagin A.P.

Multi-Section Cathode Control System for Dimensional Electrochemical Processing of Surfaces of Large-Sized Parts at Small Interelectrode Gaps

Abstract: The issues of electrochemical processing of large surfaces at small interelectrode gaps using a sectional tool electrode have been studied in the paper. A brief analysis of the methods of dimensional electrochemical processing of large surfaces has been made, and the functional scheme of a facility operating in two modes has been provided: in the selective section switching mode and in the sequential switching mode.