
Block-Modular System of Automated Design of Plating Lines

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Abstract: The paper describes the structure of a modular system of automated design of plating lines (CAD GL). It was revealed that the coating of parts and products is dominated by mechanical, hydro-mechanical, chemical, and electrochemical processes; computer simulation can be realized with the help of modern CAD/CAE/CAM-systems of high and medium levels. Computer simulation and optimization of design and operational parameters of such processes can be an independent unit within the CAD GL, which, in turn, can be a part of a unified system of CALS-technologies in electroplating.
