A.P. Kuz'menko, A.V. Syarg, M.P. Leonov, V.I. Savchenko, V.A. Groshev, A. V. Kaminskiy, Yu. A. Chebiryak, Khabarovsk state technical university,

V.G. Zavodinskiy, Institute of materials KhSC FEB RAS, Khabarovsk, Russian Federation

Abstract:

Is designed and applied an original method of an electrochemical deposition of ultra dispersible graphite from a colloid solution on polycrystalline copper cathode. The obtained covering has high stability to external effect 100 % homogeneity. The qualitative mechanism formation of the electrical potential, change of a resistance (on the order) and inappreciable "of gate effect" is represented.

Equipment and Technologies of Thermal Treatment of Metals and Alloys. Part II: Proceeding of 4th International Conference "Equipment and Technologies of Thermal Treatment of Metals and Alloys".

> KHARKOV 2003