INCREASING OF THE EFFECTIVENESS OF PRODUCTION QUALITY
ANTIRUST COATINGS FROM A SULPHATE BATH OF GALVANIC ZINC
PLATING

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The corrosion of metals puts difficultly to spinnable comprehensive estimation injury
to a facilities(economy) of any country. Not incidentally therefore value of know-hows of
protection of metals from destructive corroding continuously increases.

Urgency of the problem of the fight with corrosion is defined first of all that that " the
corrosion does not know the state borders, so all studies in the field of protection metal must
present greater value for any country of the Globe "/1/.
The Fixing galvanic covering - one of
the efficient methods of the prevention to corrosions materials.

In persisting study is made attempt of increasing to efficiency production brilliant zinc
covering from sulphate electrolyte of the galvanic bath. Achievement of this purpose was
realized by decision of the following primary tasks: 1 - a study of the possibility of the change
the toxic component of the electrolyte of bath galvanic zinc plating, executing role
bleskoobrazovateleja, on harmless for alive organism bleskoobrazovatelja additive; 2 - the
capability of salvaging of zincum in a spen t electrolyte in combination to process of
deposition of zinc covers(coatings) is investigated.

Novelty of the work is concluded in absolutely new approach to decision on a matter
of the change toxic bleskoobrazovatelja galvanic bath as quite often is an individual material,
shall persist the plants, but not medicinal, cultural (such work in the field of brilliant zinc
plating are known), but shall persist the escape to ambrosias artemisiifolia L, being fraudulent
weed of the cereal cultures and vegetables. Novelty of the work is concluded as well as in that
that salvaging the zinc goes not in the manner of dross but in the manner of qualitative
covering, which can effectively protect the metal construction.

Reference
1. Коррозия. Справ. изд. под ред. Л. Л. Шрайера. Пер. с англ. – М.: Металлургия,