

FORMATION OF NEW MACHINE TOOL SYSTEMS FOR MAKING DETAILS OF HARD-PROCESSING MATERIALS.

Authors: Melkonov G.L.

Basic characteristics, essence of the development:

Development of a mathematical model of the generating surface that is represented by circular cutting edge of the cup tool.

Patentable and competitive results. Comparison with world analogues. Economic attractiveness of the development for market promotion, implementation, parameters, price.

At the level of world analogues. Introduction of the development into the industry will result in economic benefit of 100,000 UAH.

Branches, ministries, departments, enterprises and organizations where the development results are going to be implemented.

The development results are proposed for introduction into enterprises of railway transport, and enterprises manufacturing mill rolls.

Development readiness level.

The technology of fillet surfaces processing by cup tools is developed.

Implementation results.

Introduced into the industrial enterprise. Used in the educational process, course and diploma projects.

