

CONTRIBUTION CONCERNING THE USE OF FUNCTIONAL ANALYSIS IN THE DESIGN OF A MODULAR DRILLING EQUIPMENT

Authors

Doina IACOMI, Alin RIZEA, Eduard NITU, Monica IORDACHE, Cornel SLAVILA

University of Pitesti, Romania

Abstract

Functional analysis aims at the identification of a product functions so that it meets certain requirements. The product subjected to examination, an „adjusting modular guidance system”, belongs to a modular assembly for the multi-tool processing of the holes.

In this work it is developed the stages of the functional analysis, specific to the above mentioned product, in the end being established the function list, which lies at the basis of the functional job specification making.

Keywords

Engineering design, Functional Analysis, functions