

Annotation

In this thesis project presents a method for drying wood using ultra-high frequencies. The prerequisites for writing the project were improving the energy efficiency of existing drying equipment and introducing new energy-saving drying technologies.

In the main part, methods for drying wood with a high frequency were determined. The types of microwave oven drying with microwave are presented.

In the section "Life Safety" the factors of life safety are considered, the effects of electromagnetic energy on the human body are widely covered. In the economic part, a business project was developed and the main costs for the development of this business project were considered. The technical and economic indicators of the project are shown.