ABSTRACT

This research discusses the process of drying clothes. Drying clothes requires sun if using the traditional method of drying, but if it rains it will be a problem in drying, in this case the researchers focus on Chesya Laundry who use clothes dryer in the event of rain. But, problems occur when using the machine existing clothes dryers such as small capacity, tangle drying results making it difficult for ironing and clothes drying results do not dry evenly so that they have to be dried again with the sun or fan and will have an impact on processing time. The method used in this study is based on the Nigel Cross method, which has seven systematic product design: Clarifying Objectives, Establishing Functions, Setting Requirements, Determining Characteristics, Generating Alternatives, Evaluating Alternitves and Improving Details. The data collected consists of data for the purpose of making tools and specifications of existing machines will be processed using Nigel Cross's seven stages. The results of data processing in the form of concept scoring matrix get the final result in the form of a chosen design by adding double blower parts, fans and rotating poles to the existing products.

Keywords: clothes drying machine, drying process, rational method.