

ABSTRACT

Rumah Tempe Zanada is one of tempe production UKM (Usaha Kecil Menengah) formed Koperasi Produsen Tempe Tahu Indonesia (KOPTI), Mercy Corps, and Forum Tempe Indonesia. The purpose of the establishment of Tempe Zanada House, among others, to be a pilot center in Bandung on the production process of clean tempe, quality, and meet food security, the center of innovation on processed food products based tempe. Observation has been done on dry soybean breaker process Rumah Tempe Zanada percentage of defect occurrence in 1 cycle of tempe processing is still high, that is average 14,5% of defect soybeans in 1 processing cycle. Previous research has resulted optimum concept which become base of making of product architecture. The next objective is to re-design the exciting machine by looking at the ease of assembly, using the Boothroyd Dewhurst approach to generate new and optimal designs, the product architecture determines the functional elements of the product to be affected by changes in certain components, and which components should be changed to achieve the desired change to the functional elements of the product (Ulrich Eppinger, 1995 p 419-440).