

Making a mass customization plan for solar container vehicles

Customer-oriented mass customization is among many competitiveness strategies that are linked tightly to the concept of manufacturing sustainability within the Industry 4.0 literature [5,6 ...

The objective of this study was to present the tools of an operational strategy using modular product design to make it possible for SMEs in the manufacturing sector to shift toward mass ...

The proposed method was validated through a single case study in a commercial vehicle manufacturing plant, allowing for a detailed and in-depth analysis of the dynamics involved in ...

A recent work [16] has developed a mechanism to plan the route of solar-powered vehicles following the strength of solar radiation. We further refine this approach and integrate it with the optimization ...

In the future, many companies will go from a make-to-stock to a mass customization business model. For instance, General Motors plans to transform from a make-to-stock company to ...

This work presents the integrating process of two modularization methods: design structure matrix (DSM) and modular function deployment (MFD), to products with many components ...

Mass customization is a business strategy that focuses on providing customers with personalized products and services cost-effectively. It combines the benefits of mass production (low cost and high ...

This paper studies the method of making production plan in mass customization. It illuminates that all current methods of making production plan are not suitable for mass customization ...

The move towards mass customization is one way of meeting customer requirements. However, no strategy for making this shift currently exists in the literature. The aim of this article is to ...

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