Abstract:
Cycle management as a potential new paradigm in manufacturing planning contributes to the management of the entire innovation processes improving its efficiency and flexibility. Building on existing ideas about single cycles and established manufacturing planning approaches, a generic cycle model and a cycle information sheet as uniform modeling framework for mapping, analyzing and managing cycles are proposed. In addition, ideas for continuous manufacturing planning and the application of cycle management are outlined based on first results from an extensive literature review on manufacturing planning. Going forward, the full literature review will serve as input for the development of a detailed approach for a cycle-oriented continuous manufacturing planning fostering the establishment of cycle management in manufacturing planning.

Stichworte:
Manufacturing resources, change management, changeability, cycle information sheet, generic cycle model, innovation process, manufacturing structure

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