

BOM 생성을 위한 CBR기법을 이용한 새로운 접근

A new approach to BOM generation based on CBR techniques

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Abstract

It is well-known that an effective control and generation of bill-of-material(BOM) is very important, since BOM is widely used for product definition, manufacturing instructions, engineering change control, service parts support, liability/warranty protection, planning material procurement and scheduling the plant, order entry facility, pick or kits lists, scarce material or resource analysis, costing, pricing, backflushing, and so on. This paper introduces a new approach of generating a BOM using case-based reasoning(CBR) techniques. The new approach shows ease and simplicity in application compared to existing BOM generation systems using a rule-and/or knowledge-based system. Specific steps of applying CBR techniques on a BOM generation and example are illustrated.