

(54) Title of the invention : A PRACTICE OF TOTAL COST MANAGEMENT FOR INTEGRATED PRODUCT AND PRODUCTION DATA MANAGEMENT

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(57) Abstract :
 One of the problems of integrated product and production data management is synchronising product cost data throughout the product lifecycle. Towards this purpose, this study covers comprehensive cost management. A feature-based product pricing strategy is suggested by tying cost-related design aspects to conventional time estimates. To connect old product and production data management systems, diverse viewpoints on costing data are harmonised, comprising target costing, product costing, cost control, and cost accounting. A case study of refrigerator manufacturing is provided to show the practicality and promise of the suggested technique.

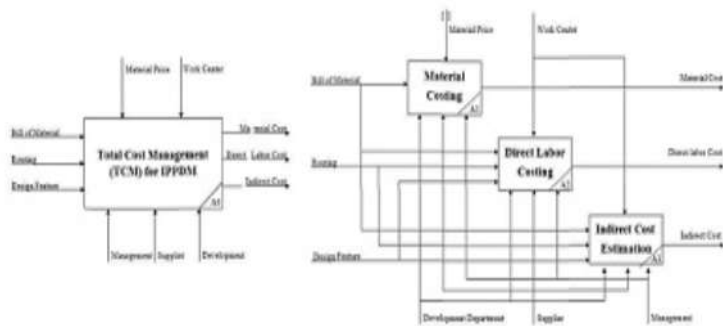


Fig. 1 depicts functional modelling of TCM-IPDDM (IDFE3)