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### Patent Search

Invention Title	KEY FACTORS IN ENHANCING INVENTORY CONTROL IN MANUFACTURING COMPANIES USING MACHINE LEARNING
Publication Number	51/2023
Publication Date	22/12/2023
Publication Type	INA
Application Number	202311067597
Application Filing Date	09/10/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010080000, G06N0020000000, H04L0009320000, G06N0003080000, G06T0007000000

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**Abstract:**

Key factors in enhancing inventory control in manufacturing companies using machine learning is the proposed invention. The proposed invention focuses on studying inventory control steps in manufacturing companies. The invention focuses on identifying the key factors in enhancing inventory control in manufacturing unit using of Machine Learning.

**Complete Specification**

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Inventory or stock refers to the goods and materials that a business holds for the ultimate goal of resale, production or utilisation. Inventory management discipline primarily about specifying the shape and placement of stocked goods. There are four different top-level inventory types: raw materials, work-in-progress (WIP), merchandise and supplies, and finished goods. These four main categories help businesses classify and track items that are in stock or that they might need in the future.

[0003] A number of different types of inventory control analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] US8321302B2: - Methods, systems, and articles of manufacture consistent with certain aspects related to the present invention collect item information from tags attached to items in an inventory, and uses the collected item information to perform various inventory management processes. In one aspect, the inventory management processes may include determining, reporting, and/or providing corrective actions for one or more events associated with at least one of depletions or additions in the inventory, changes in the design of items in the inventory, defects with one or more items, misplaced items, the movement of an unusual number of items within a short period of time (i.e., shrinkage), and malfunctions of one or more components included in the environment.

[0005] Inventory control, also called stock control, is the process of managing a company's inventory levels, whether that be in their own warehouse or spread over multiple locations. It comprises management of items from the time you have them in stock to their final destination (ideally to customers) or disposal (not ideal). The proposed invention focuses on analysing the key factors in enhancing inventory control in manufacturing unit through algorithms of Machine Learning.

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Page last updated on: 26/06/2019