Patent Search

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Abstract:

Exploring superconducting devices for efficient quantum information processing and storage is the proposed invention. The proposed invention focuses on studying properties of superconducting devices. The invention focuses on analyzing the parameters of Superconducting Devices using quantum information processing of dat The proposed invention also considers on storing the processed information.

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 th 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] Superconductivity is a set of physical properties observed in certain materials where electrical resistance vanishes and magnetic fields are expelled from th material. Any material exhibiting these properties is a superconductor. A Superconductor is a type of material that conducts electricity with zero energy loss or resis when cooled to a certain temperature. No energy is lost, resulting in a continuously flowing electrical current.
[0003] A number of different types of food packaging boxes and 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] US7219017B2:- The invention in various embodiments is directed to quantum information processing elements and quantum information processing platf employing such elements. In one aspect, the quantum information processing elements are formed with self-assembling protein molecules. The invention relates g to the field of quantum computers, and more specifically, in one embodiment, to quantum information processing (QIP) elements formed from self-assembling pro molecules. In another embodiment, the invention relates to a quantum information processing platform, such as a quantum computer platform, biomedical platfor telecommunication platform and the like, using such elements.
[0005] Prominent examples of superconductors include aluminium, niobium, magnesium diboride, curates such as yttrium barium copper oxide and iron pnictide These materials only become superconducting at temperatures below a certain value, known as the critical temperature. Superconducting devices are electronic de that harness the zero-resistance properties of superconductors. Superconducting devices are used for highly sensitive optical sensors, detectors of magnetic fields

View Application Status