Patent Search

Invention Title	A SYSTEM FOR MONITORING AGRICULTURAL WASTE BY IMAGE PROCESSING SYSTEM BASED ON IOT
Publication Number	06/2023
Publication Date	10/02/2023
Publication Type	INA
Application Number	202311007290
Application Filing Date	05/02/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	B65F0001140000, C07K0016280000, H04W0004380000, G06Q0050260000, A61B0005000000

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Abstract:

The present invention describes a system for monitoring agricultural waste by image processing system based on IoT. The present invention introduces the solution e smart approach that allows users to take the essential safety precautions regarding the agricultural waste monitoring system. Further, in the sphere of waste manage novel technique of combining two technological paradigms, IoT and image processing is proposed. The technique is to differentiate between bio and non-bio waste u image categorization. The present invention combines the creation of smart waste monitoring using for waste classification using IoT-enabled real-time data monitor achieve outcomes in the field of waste management, two structural models are combined. Garbage that can be reused can be identified by properly classifying waste recyclable wastes enables us to use them without having them degrade.

Complete Specification

FIELD OF THE INVENTION

[001] The present disclosure relates, in general, relates to a real-time monitoring and regulating system based on Internet of things, and more particularly, to mon agricultural waste by image processing system based on IoT.

BACKGROUND OF THE INVENTION

[002] The term "waste monitoring" refers to the activities and measures that must be taken to control an area from construction to demolition. Waste can be eith liquid, or gaseous. To deal with various sorts of garbage, including biological, industrial, and home waste, numerous procedures are used. Household waste include like cardboard, plastic, paper, glass, and biodegradable waste. No garbage produced by home activities can be recycled or divided into biological or non-biological components.

[003] For growers to gather individualized agriculture waste monitoring for strategic growth, manage soil quality, regulate pesticide use, choose fertilizers, choose etc., there is currently no workable platform architecture of aggregated resources available. There is no comprehensive system to raise agricultural yields overall, nc established platform for connecting farmers to the market, and no workable infrastructure for managing food storage logistics, food distribution, and food delivery marketplace and customers in an efficient manner.

[004] The economy and way of life are based on agriculture, it is imperative to take action to promote the sector. A solution to this problem is provided by IoT-bas technology and its integration with image processing technology. It is crucial to modify the way agriculture is advanced

View Application Status