Patent Search

Invention Title	High yield Crop precision modern agriculture methods and thereof
Publication Number	19/2022
Publication Date	13/05/2022
Publication Type	INA
Application Number	202241025714
Application Filing Date	03/05/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0050020000, A01B0079000000, G06N0005020000, G06N0020000000, G06Q0010040000

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Abstract:

To predict crop production and identify a set of farming operations that, if carried out, will optimize crop production, a crop prediction system emplo learning techniques to predict crop production and identify set farming operations that, if carried out, will optimize crop production. The crop predic prediction models built using a variety of machine learning methods and based on geographic and agronomic data. When a farmer submits a reque may obtain information representations of a section of land matching the request, such as the location of the land and the related meteorological cc composition. To anticipate crop yield and identify an optimal set of farming activities for the producer to conduct, the crop prediction system uses or models in conjunction with the access information.

Complete Specification

Description: Generalized machine learning procedures are used to data from various sources to maximize agricultural output, and this specificatio
Background of the invention:
Farmers and other agricultural producers who sow, cultivate, and harvest crops such as grain (e.g., wheat), fiber (e.g., cotton), and other vegetables as growers or agricultural producers. Crop production may be affected by various variables, including geography, weather, agronomy, and the envi elements are within the grower's control, but others are not under his or her control. When it comes to planting tactics and soil composition, the fa aspects, but not over the weather. Moreover, the amount of information connected with these characteristics that are easily accessible to a produc restricts the amount of information a grower can use when making choices about planting, growing, and harvesting, even when using established c As a result, producers often make choices that can negatively impact crop yield based on an inadequate collection of facts or an incorrect interpret available information.
In recent years, the capacity to monitor and manage the quantity of water, chemicals, and/or nutrients (applicants) given to an agricultural field has of farmable acres globally while also increasing the possibility of producing a viable crop output. Control devices with user interfaces that enable th and control one or more functions or operations of an irrigation system are often found in known irrigation systems. Many features of the irrigatio environment may be controlled and monitored by operators via an interactive user interface (UI). Furthermore, local and distant sensors may prov about the environment and development to the operators.
Although operators have access to large volumes of data and control, current systems do not enable them to model or otherwise use the majority

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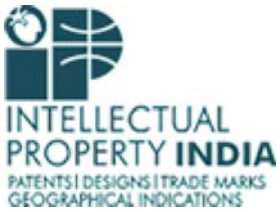

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Application Details	
APPLICATION NUMBER	202241025714
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/05/2022
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TITLE OF INVENTION	High yield Crop precision modern agriculture methods and thereof
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/05/2022

Application Status

APPLICATION STATUS	**Awaiting Request for Examination**

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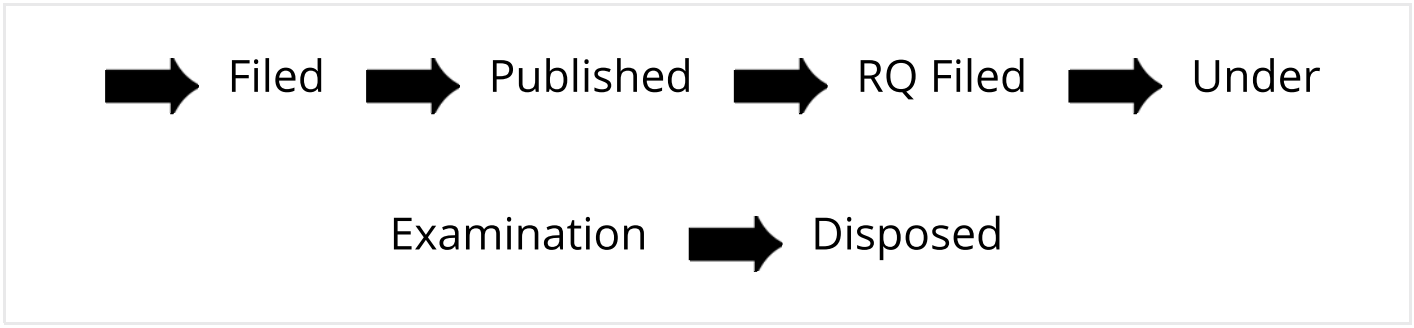

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