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Patent Search

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Abstract:

Plant disease detection methods and systems are offered and as recording media. There are several steps in this method. First, the method includes diseases, which stores images of plant diseases and their characteristic symptoms. Next, images of plants are captured using an image capture device using one of several techniques. Finally, images of suspected regions are generated using a second 10 processing technique. Finally, the area of the s calculated.

Complete Specification

Description: The present invention is related to Plant disease detection using Artificial Intelligence and Machine Learning.

Background of the Invention:

5 Machine learning (ML) is the technology that enables computers to interact with and

comprehend human beings and their needs. It also allows robots to behave and make decisions on behalf of people, just as they would if they were sectors that has seen significant growth in recent years. ML is useful in the classification of plant diseases. This technology is regarded as an important accomplishment in the

10 fight against plant diseases. It has also resulted in an improvement in crop production in

agriculture. Technology that incorporates visualization approaches has been developed and refined over the previous three years to reach its present. The world's issues today, which are connected to illnesses that impact both plants and people, maybe mitigated if the diseases are discovered and spread across large regions.

15 The use of machine learning (ML) is becoming more popular across the globe. The many

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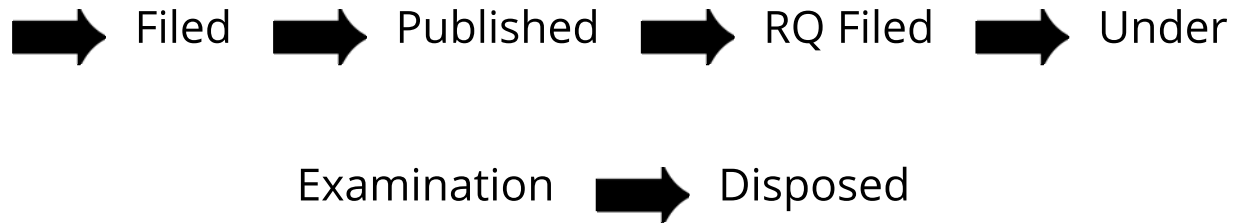
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