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(57) Abstract :
ABSTRACT AI-ENABLED IOT AND BLOCKCHAIN-BASED SYSTEM FOR PEST DETECTION USING SOUND ANALYTICS IN LARGE AGRICULTURAL FIELD The present disclosure introduces AI-enabled IoT and blockchain-based system for pest detection using sound analytics 100 which represents a groundbreaking innovation in the agricultural industry. It comprises of data capture module 102, communication unit 104, database 106, data processing module 108, data analytics module 110, controller 112 and application 114. The disclosed invention empowers farmers with a cost-effective system for pest detection, pests' management and ultimately enhancing agricultural productivity. Reference Figure 1

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