Patent Search

Invention Title	AI AND THE INTERNET OF THINGS (IOT) ARE USED TOGETHER TO MAKE A SAFE ROUTING ALGORITHM FOR MOBILE AD-HOC NETWORKS SAVES ENERGY
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Abstract:

AI AND THE INTERNET OF THINGS (IOT) ARE USED TOGETHER TO MAKE A SAFE ROUTING ALGORITHM FOR MOBILE AD-HOC NETWORKS THAT SAVES ENERGY ABSTRA
Numerous new devices that can be used to monitor and manage a variety of systems are accelerating the development of electronic technology. The proliferation of Things devices is intimately associated with the development of information and communication technologies over the past several decades. The information gathere which are comprised of low-cost smart devices, is crucial to the expansion of the Internet of Things. Low power loss networks and wireless sensor networks are two o vital components of the Internet of Things. As AI advances and more people adopt it, wireless sensors are more incorporated into networks and industrialised. As a re routing strategy's high energy consumption, different network nodes consume varying amounts of energy. This difficulty is resolved by the algorithm protocol's inclin converge on the local optimal solution.

Complete Specification

Description:DESCRIPTIONS
The "Internet of Things" is a new network made possible by wireless networking and microelectronics advancements. As the design of these network components g more intelligent and complex, the terms "object" and "device" are frequently used to characterise these noun-like things. The Internet of Things differs from traditio networks in that no installation or permanent configuration is required. As a result, they are easy to set up and utilise, and more and more smart cities are employir them. The Internet of Things is becoming a helpful technology for a variety of intelligent applications because it makes efficient use of available resources, grows wi difficulty, and connects rapidly to the actual world. On the other side, dynamic services in a software-defined network offer real-time system monitoring and contro Internet of Things, abbreviated "IoT," is a network that enables unique interactions between humans and machines. Internet of Things-connected things and gadget share information and perform specified functions. When IoT is utilised to construct a network, each node will be responsible for gathering its own data, with huma primary responsibility being to verify the accuracy of the data acquired. The Internet of Things has the potential to assist a wide range of industries, including transportation and healthcare, as well as "smart" cities. RFID sensor networks, wireless sensor networks, and radio-frequency identification systems are all essentia network technologies enabling the exchange of data between Internet of Things devices. IoT networks are built throughout an area and are held connected by node are geographically separated. These nodes make observations regarding their environment, including temperature, motion, and visual changes. Because each node limited data transmission range, it transmits the data it has collected to the nodes in between. Consequently, the intermediary nodes employ the unwanted energy power the source node's packet forwarding. This leads the nodes to consume a great deal of energy, hence accelerating the development of network fragmentation distributed networks for the Internet of Things, the most significant aspect impacting network performance is the energy efficiency of the nodes. In addition, sendir

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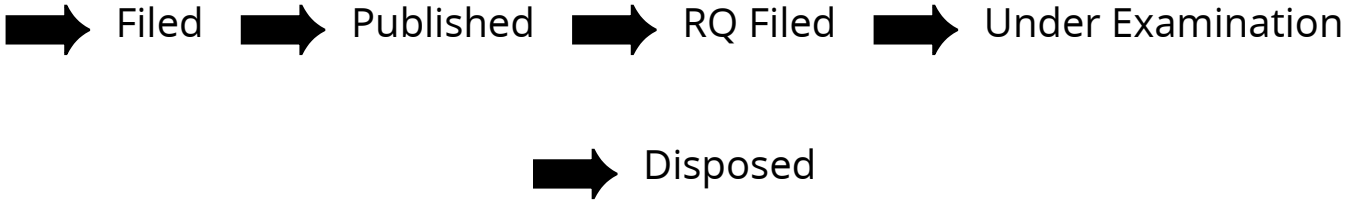

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