



Blockchain Microgrid Patent

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Obtaining Patents That Cover Evolving Technology In The Blockchain Space Blockchain Technology is always evolving and disclosure needs to cover variations what might be considered key attributes:

Abstract--This paper proposes a distributed control method based on a consensus algorithm for distributed energy resources (DERs) using blockchain as a secure communication medium for cyber resilience.

On this basis, the paper develops relevant smart contracts for microgrid trading, deploys them on the blockchain network, and finally validates the efficiency and practicality of the proposed trading strategy ...

InterBlockchain Communication Protocol between microgrids proposed for first time. Qualitative and quantitative benchmarking measures to validate developed models. Power systems are undergoing rapid ...

Search on patent applications for microgrid control technology was conducted on a global scale, analyzing the development lifecycle, main applicants, technology development direction, important patents, and overseas ...

An objective of the present invention is to provide a microgrid operating method capable of decentralization in an environment in which various microgrids are interconnected through a network...

(57) A blockchain and cloud power supply-based microgrid ecosystem, comprising electricity generating equipment, an energy storage power supply, an ecological management module, and a ...

There are several projects where people can see blockchain microgrids in action, including the Port of Rotterdam initiative, the Brooklyn microgrid (BMG), and Switzerland's Project Quartierstrom.

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