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(57) Abstract :
The present disclosure relates to a system (100) for a decentralized virtual private network (dVPN) that includes a decentralized database (112) connected through a blockchain network (104) to multiple computing devices. The system allows for rewarding computing devices that are online and linked to a network, enabling users of the dVPN to browse the blockchain network and access data. Users can configure the computing devices and receive rewards for participating in and maintaining the blockchain network. The system charges a fee based on the amount of data transferred, and bitcoin payments are used. The system is designed to operate independently of any server and includes an AI engine with a machine-learning algorithm that optimizes the system and adjusts rewards based on performance and availability. Users can select various functions upon connection, such as selecting DNS providers, using a kill switch, using a P2P mesh network, digital privacy safeguards, and zero logging.

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