

ABSTRACT OF THE DISCLOSURE

MESSAGE BROADCASTING BASED ON TRUST LEVELS AND RESOURCE LIMITATIONS IN A MESH NETWORK

A computer-implemented method of transmitting messages within a mesh network comprises: receiving at a first node included within the mesh network a network message that is to be broadcast within the mesh network; determining a security key type based on at least one of a resource parameter associated with at least one neighbor node included in the mesh network or an attribute of the network message; securing the network message with a security key of the security key type to generate a secured network message; and broadcasting the secured network message to one or more other nodes included in the mesh network that are directly connected to the first node.

FIG. 3