

Title (en)

SYSTEM, METHOD, AND DATA PACKETS FOR MESSAGING FOR ELECTRIC POWER GRID ELEMENTS OVER A SECURE INTERNET PROTOCOL NETWORK

Title (de)

SYSTEM, VERFAHREN UND DATENPAKETE ZUR NACHRICHTENÜBERMITTLUNG FÜR STROMNETZELEMENTE ÜBER EIN SICHERES NETZWERK MIT INTERNETPROTOKOLL

Title (fr)

SYSTÈME, PROCÉDÉ, ET PAQUETS DE DONNÉES, POUR L'ENVOI DE MESSAGES À DES ÉLÉMENTS DU RÉSEAU ÉLECTRIQUE SUR UN RÉSEAU IP SÉCURISÉ

Publication

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Application

EP 15798924 A 20150508

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Abstract (en)

[origin: WO2015183517A1] Systems, methods, and messages of the present invention provides IP -based messages associated with the grid elements, wherein each IP-based message includes an internet protocol (IP) packet that is generated autonomously and/or automatically by the grid elements, intelligent messaging hardware associated with the grid elements, at least one coordinator, and/or a server associated with the electric power grid and its operation, energy settlement, and/or financial settlement for electricity provided or consumed, transmitted, and/or curtailed or reduced. The IP packet preferably includes a content including raw data and/or transformed data, a priority associated with the IP -based message, a security associated with the IP packet, and/or a transport route for communicating the IP-based message via the network.

IPC 8 full level

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