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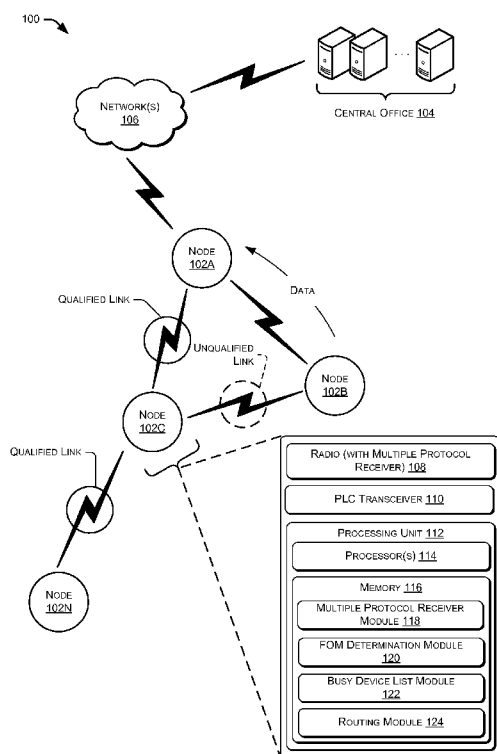
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(54) Title: MULTI-MEDIA MULTI-MODULATION METHOD AND MULTI-DATA RATE MESH NETWORK



(57) Abstract: A node having a multiple protocol receiver may listen to multiple links in parallel and determine a quality of links having multiple communication technologies between the node and multiple neighbor nodes. The multiple communication technologies may include radio frequency (RF) communication technologies and one or more power line communication (PLC) communication technologies. The node determines a link quality metric for each link associated with an optimum communication technology and data rate, and maintains availability information of neighbor nodes. The node may then route communications to neighbor nodes using the link quality metric and the availability information.