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(54) Title: PDU SET MARKING IN QOS FLOWS IN A WIRELESS COMMUNICATION NETWORK

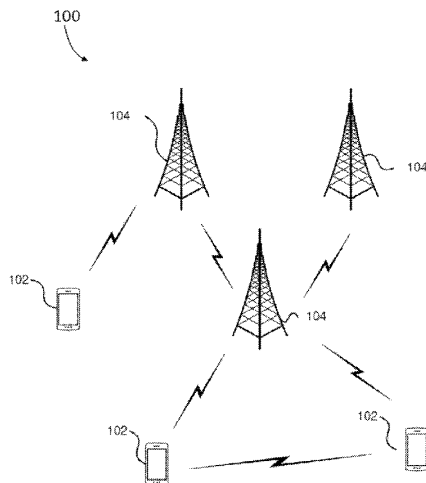


Figure 1

(57) Abstract: A User Plane Function (UPF) receives a Protocol Data Unit (PDU) in a downlink direction, the received PDU subject to PDU-set processing according to configuration information received from a Session Management Function (SMF), and the configuration information includes a protocol description. The UPF determines whether the received PDU does not match all components of the configuration information, or the received PDU does match the protocol description of the configuration information, and the received PDU is not part of a PDU-set. The UPF creates a header for the received PDU, the header including PDU-set information if either the received PDU does not match all of the components of the configuration information, or the received PDU does match the protocol description of the configuration information, and the received PDU is not part of the PDU-set. The UPF routes the received PDU and the header to a radio access network.

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