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(54) **CARRIER MANAGEMENT IN A WIRELESS COMMUNICATION NETWORK**

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(57) **ABSTRACT**

Certain examples of the present invention relate to carrier management in a wireless communication network. Certain examples provide a User Equipment, UE, comprising: means for receiving, following a maximum permissible exposure, MPE, event occurring during operation over a first carrier such that the UE is no longer operating over the first carrier, a first signal, over a second carrier, for configuring the UE to determine a status of the MPE event associated with the previously used first carrier; means for determining, responsive to receipt of the first signal, a current status of the MPE event associated with the previously used first carrier; and means for transmitting, responsive to receipt of the first signal, a second signal over the second carrier, wherein the second signal comprises an indication of the current status of the MPE event associated with the previously used first carrier.