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(54) **METHOD AND APPARATUS FOR REDUCING INTERFERENCE EFFECTS IN WIRELESS COMMUNICATION SYSTEMS**

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(57) **ABSTRACT**

The present disclosure may provide a method for operating a UE in a wireless communication system. Herein, the UE may include: receiving information on a beam pattern from a base station; generating measurement information based on the information on the beam pattern; transmitting the measurement information to the base station; receiving beam pattern information based on the measurement information from the base station; and forming a beam based on the received beam pattern information, wherein the information on the beam pattern includes a null region search request for ordering to perform measurement in order to obtain information necessary to form a null in the beam pattern, the measurement information is measurement information for a null region, which is generated after a search and measurement for the null region is performed based on the null region search request, the beam pattern information includes a null forming indication based on the measurement information, and the null region is a section of the beam pattern, which is classified in the beam pattern according to a random value set by the base station.