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(54) **METHOD AND UE RECEIVING MULTICAST SERVICE FOR REPORTING CSI/SRS SIGNAL INFORMATION TO WIRELESS COMMUNICATION NETWORK**

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(57) **ABSTRACT**

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The disclosure relates to a 5G or 6G communication system for supporting a higher data transmission rate. Provided is a method performed by a user equipment (UE) in a wireless communication network, the method comprising: determining that a multicast discontinuous reception (DRX) pertaining to at least one multicast service is configured in a cell; determining whether a medium access control (MAC) entity of the UE is in an active time of the configured multicast DRX; and transmitting at least one of a channel state information (CSI), a semi-persistent CSI, a periodic sounding reference signal (SRS), and a semi-persistent SRS to a base station corresponding to the cell, in case that the MAC entity is in the active time of the configured multicast DRX.

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