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(54) **METHOD AND APPARATUS FOR DATA TRANSFER AND BUFFER STATUS REPORTING IN RRC\_INACTIVE STATE IN MOBILE WIRELESS COMMUNICATION SYSTEM**

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(57) **ABSTRACT**

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A method and apparatus for data transfer in RRC\_INACTIVE state is provided. Method for data transfer in RRC\_INACTIVE state includes transmitting a UE Capability Information, receiving a RRCRelease, receiving a system information, initiating a second resume procedure and performing buffer status reporting based on a first information and a second information if second resume procedure is ongoing. The first information is predefined and the second information is included in the system information.

