

ABSTRACT

Disclosed are a data transmission method and device, a computer program and a storage medium, wherein same fall within the technical field of mobile communications. The method comprises: determining configuration information about at least one flexible sub-frame included in a time division duplex (TDD) wireless frame, wherein the flexible sub-frame is configured to include at least one uplink transmission symbol and at least one downlink transmission symbol, and sub-slots occupied by the uplink transmission symbol and the downlink transmission symbol are alternatively configured; issuing the determined configuration information about the at least one flexible sub-frame to a user equipment (UE) via signaling; and receiving uplink data at a sub-slot where the uplink transmission symbol is located according to the determined configuration information about the at least one flexible sub-frame, and sending downlink data at a sub-slot where the downlink transmission symbol is located. In the disclosure, since the configuration for an uplink transmission symbol and a downlink transmission symbol can be realized in the same flexible sub-frame, an acknowledgement message from a user equipment can be quickly fed back, thereby reducing the transmission delay and satisfying the service transmission needs for various low delay requirements of TDD.

FIG. 1