

UPLINK TRANSMISSION METHOD AND CORRESPONDING EQUIPMENT

Abstract

A method for an uplink transmission of a user equipment (UE) in a wireless communication system and the UE are provided. The method includes receiving, from a base station (BS), control signaling; grouping physical downlink shared channels (PDSCHs) based on the control signaling; determining a hybrid automatic repeat request acknowledgement/negative acknowledgement (HARQ-ACK/NACK) codebook for each grouping of the PDSCHs; and transmitting HARQ-ACK/NACK information corresponding to the HARQ-ACK/NACK codebook. The UE includes a transceiver configured to receive control signaling from a BS; and a processor configured to: group PDSCHs based on the control signaling; and determine an HARQ-ACK/NACK codebook for each group of PDSCHs, wherein the transceiver is further configured to transmit HARQ-ACK/NACK information corresponding to the HARQ-ACK/NACK codebook.

Fig.1