ABSTRACT

A method for sending a HARQ-ACK is performed by a user equipment, and includes: determining a first slot set and a second slot set, wherein the first slot set includes slots corresponding to multi-TTI PDSCHs, and the second slot set includes slots in a feedback window corresponding to a HARQ-ACK codebook and the HARQ-ACK codebook is included in a PUCCH for feeding back HARQ-ACKs of the multi-TTI PDSCHs; determining at least one slot group that is in the first slot set and is not in the second slot set and a target slot one-to-one corresponding to each slot group; determining a logical HARQ-ACK on the target slot according to an HARQ-ACK on each slot in each slot group and an HARQ-ACK on the target slot corresponding to each slot group; and sending the HARQ-ACK codebook.

~~The present application provides a method and apparatus for sending a HARQ-ACK, a method and apparatus for receiving a HARQ-ACK, a device, and a storage medium. The method for sending a HARQ-ACK comprises: determining a first time slot set and a second time slot set, wherein the first time slot set comprises a time slot corresponding to a multi-TTI PDSCH, the second time slot set comprises a time slot comprised in a feedback window corresponding to a HARQ-ACK codebook, and the HARQ-ACK codebook is a HARQ-ACK codebook comprised in a PUCCH and used for feeding back a HARQ-ACK of the multi-TTI PDSCH; determining at least one time slot group comprised in the first time slot set and not comprised in the second time slot set, and determining a target time slot having one-to-one correspondence to each time slot group, wherein the target time slot is a time slot comprised in both the first time slot set and the second time slot set; according to a HARQ-ACK on each time slot in each time slot group and a HARQ-ACK on the target time slot corresponding to the time slot group, determining a logical HARQ-ACK on the target time slot; and sending the HARQ-ACK codebook. The present application may allow a HARQ-ACK codebook sent on a PUCCH indicated by a DCI to feed back HARQ-ACKs of all PDSCHs in multi-TTI PDSCHs.~~

FIG. 1