

DATA TRANSMISSION METHOD AND COMMUNICATIONS DEVICE

ABSTRACT

The present invention relates to a data transmission method and a
5 communications device. The communications device includes: a memory, a processor,
and a communications interface. The memory is configured to store mapping
information between a data flow identifier and a physical layer transmission
technology identifier. The processor is configured to: determine a to-be-scheduled
data flow; determine, from the mapping information and according to a data flow
10 identifier of the data flow, a physical layer transmission technology identifier
corresponding to the data flow; generate different transport blocks according to data
flows corresponding to different physical layer transmission technology identifiers,
where each physical layer transmission technology identifier is corresponding to one
type of transport block; generate wireless communication data by performing
15 processing, according to a physical layer transmission technology corresponding to
the physical layer transmission technology identifier, on a transport block
corresponding to the physical layer transmission technology identifier; and send the
wireless communication data to a receive end by using the communications interface.

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Figure 1