

CLAIMS

What is claimed is:

1. A method for determining uplink control information, the method comprising:
obtaining, by a communications device, a target parameter set, wherein the target
5 parameter set is a hybrid automatic repeat request (HARQ) feedback timing set and
comprises at least one first HARQ feedback timing value and at least one second HARQ
feedback timing value, the at least one first HARQ feedback timing value is used for
transmitting a first kind of data, and the at least one second HARQ feedback timing value is
not used for transmitting the first kind of data;
10 receiving, by the communications device, a plurality of kinds of data, wherein the
plurality of kinds of data shares the HARQ feedback timing set, parameters of different kinds
of data in the plurality of kinds of data are different, and the plurality of kinds of data
comprises the first kind of data; and
determining, by the communications device according to the at least one first HARQ
15 feedback timing value, a quantity of bits for transmission of HARQ feedback information
associated with the first kind of data.
2. The method according to claim 1, wherein
priorities of different kinds of data in the plurality of kinds of data are different.
3. The method according to any of claims 1 to 2, wherein the quantity of bits is a quantity
20 of bits of the feedback information transmitted by a physical channel.
4. The method according to any of claims 1 to 3, wherein the target parameter set is
configured by the network device.
5. The method according to claim 1, wherein different duration units separately
corresponding to the first HARQ feedback timing value and the second HARQ feedback
25 timing value in the target parameter set are separately used for transmitting first kind of data
and second kind of data.

6. A communications device, comprising an obtaining unit, a communication unit, and a determining unit, wherein

the obtaining unit is configured to obtain a target parameter set, wherein the target parameter set is a hybrid automatic repeat request (HARQ) feedback timing set and
5 comprises at least one first HARQ feedback timing value and at least one second HARQ feedback timing value, the at least one first HARQ feedback timing value is used for transmitting a first kind of data, and the at least one second HARQ feedback timing value is not used for transmitting the first kind of data;

the communication unit is configured to receive a plurality of kinds of data, wherein the
10 plurality of kinds of data shares the HARQ feedback timing set, parameters of different kinds of data in the plurality of kinds of data are different, and the plurality of kinds of data comprises the first kind of data; and

the determining unit is configured to determine, according to the at least one first HARQ feedback timing, a quantity of bits for transmission of feedback information associated with
15 the first kind of data.

7. The communications device according to claim 6, wherein priorities of different kinds of data in the plurality of kinds of data are different.

8. The communications device according to any of claims 6 to 7, wherein the quantity of bits is a quantity of bits of the feedback information transmitted by a physical channel.

20 9. The communications device according to any of claims 6 to 8, wherein the target parameter set is configured by a network device.

10. The communications device according to claim 6, wherein different duration units separately corresponding to the first HARQ feedback timing value and the second HARQ feedback timing value in the target parameter set are separately used for transmitting first
25 kind of data and second kind of data.