CLAIMS

1. A sequence number SN synchronization method for multicast broadcast service, performed by a terminal and comprising:

obtaining a first radio interface SN of a first multicast broadcast service received in a first cell and a second radio interface SN of the first multicast broadcast service received in a second cell; and

sorting data packets of the first multicast broadcast service according to the first radio interface SN and the second radio interface SN; wherein

the first radio interface SN and the second radio interface SN are in a same SN set, and the first radio interface SN and the second radio interface SN are at least partially different.

2. The method according to claim 1, wherein the method further comprises:

in a case that the data packets of the first multicast broadcast service are inconsecutive, determining that a data packet in the first multicast broadcast service is missing; and

in a case that the first multicast broadcast service does not support reordering of the data packets, skipping starting a reordering timer at a gap when the missing data packet is detected; or

in a case that the first multicast broadcast service supports reordering of the data packets, starting a reordering timer at a gap when the missing data packet is detected.

3. The method according to claim 2, wherein the method further comprises:

receiving first information, wherein the first information indicates information about the missing data packet for the first multicast broadcast service.

4. The method according to claim 3, wherein the receiving first information comprises:

receiving a data packet previous to or next to the missing data packet, wherein a header of the data packet previous to or next to the missing data packet carries the first information;

or

receiving a control PDU, wherein the control PDU carries the first information.

5. An SN synchronization apparatus for multicast broadcast service, applied to a terminal and comprising:

an obtaining module configured to obtain a first radio interface SN of a first multicast broadcast service received in a first cell and a second radio interface SN of the first multicast broadcast service received in a second cell; and

a sorting module configured to sort data packets of the first multicast broadcast service according to the first radio interface SN and the second radio interface SN; wherein

The first radio interface SN and the second radio interface SN are in a same SN set, and the first radio interface SN and the second radio interface SN are at least partially different.

6. The apparatus according to claim 5, wherein the apparatus further comprises a processing module configured to: in a case that the data packets of the first multicast broadcast service are inconsecutive, determine that a data packet in the first multicast broadcast service is missing; and in a case that the first multicast broadcast service does not support reordering of the data packets, skip starting a reordering timer at a gap when the missing data packet is detected; or in a case that the first multicast broadcast service supports reordering of the data packets, start a reordering timer at a gap when the missing data packet is detected.

7. The apparatus according to claim 6, wherein the apparatus further comprises a receiving module configured to receive first information, wherein the first information indicates information about the missing data packet for the first multicast broadcast service.

8. The apparatus according to claim 7, wherein the receiving module is further configured to: receive a data packet previous to or next to the missing data packet, wherein a header of the data packet previous to or next to the missing data packet carries the first information; or receive a control PDU, wherein the control PDU carries the first information.