

CHANNEL BOUNDARY LOCATING METHOD, BASE STATION, AND USER EQUIPMENT

ABSTRACT

Embodiments of the present invention provide a channel boundary locating method, a base station, and a user equipment. The channel boundary locating method according to the present invention includes: receiving, by a base station of non-time reference cell, cell timing information
5 delivered by a network side, where the cell timing information includes a non-time reference parameter, and the non-time reference parameter corresponds to a smallest timing difference between a downlink F-DPCH frame of time reference cell and an HS-PDSCH subframe of time reference cell; calculating, by the base station of non-time reference cell, boundary information of a high speed shared control channel (HS-SCCH) according to the non-time reference parameter; and
10 acquiring boundary information of a high speed dedicated physical control channel (HS-DPCCH) of non-time reference cell according to the boundary information of the HS-SCCH. In the embodiments of the present invention, a boundary of an HS-DPCCH can be accurately located, so that a non-time reference cell can learn correct data transmission feedback information and CQI information, thereby improving reliability of downlink data transmission.

Fig. 1