

METHOD AND APPARATUS FOR ALLOCATING CONTROL CHANNEL CANDIDATES

ABSTRACT

The present invention provides a method and an apparatus for allocating control channel
5 candidates, which relate to the communications field, and can allocate control channel
candidates at different aggregation levels to K ePDCCH sets and reduce complexity of blind
detection performed by a UE. The method includes: determining K sets for transmitting a
control channel, where each set in the K sets includes at least one physical resource block pair;
and allocating control channel candidates at each aggregation level to at least one set in the K
10 sets according to at least one of aggregation levels supported by the control channel to be
transmitted, the number of control channel candidates corresponding to each aggregation
level, the K sets for transmitting the control channel, and types of the sets.

15 Figure 1