

ABSTRACT

BASE STATION, COMMUNICATION TERMINAL,  
TRANSMISSION METHOD, AND RECEPTION METHOD

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A base station includes a scheduler configured to perform frequency scheduling for each subframe; a control channel generating unit configured to generate a control channel including common control information to be mapped to radio resources distributed across a system frequency band and specific control information to be mapped to one or more resource blocks allocated to each selected user device; and a transmission signal generating unit configured to generate a transmission signal by time-division-multiplexing the common control information and the specific control information according to scheduling information from the scheduler. The common control information includes a format indicator representing one of preset options that indicates the number of symbols occupied by the common control information in one subframe. The common control information includes information units with a predetermined data size. The number of the information units is less than or equal to a specified multiplicity included in broadcast information.

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FIG. 7A