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ABSTRACT OF THE DISCLOSURE

BASE STATION AND COMMUNICATION METHOD

The present invention relates to a base station for generating and transmitting system information to a mobile station. The present
5 invention also relates to a communication method of communicating system information in a communication system including the base station and the mobile station. The base station generates system
10 information; categorizes the system information into multiple pieces of system information; multiplexes the categorized multiple pieces of system information into multiple channels or multiple
15 blocks; and transmits the system information on the multiple channels or the multiple blocks. The mobile station receives system information included in a portion of the multiple channels or the multiple blocks.

Figure 1



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