

A MOBILE COMMUNICATION SYSTEM AND A METHOD OF THEREOF

ABSTRACT

A mobile communication system and a method thereof which is capable of performing the base station (11) change over operation with minimum communication interruption is provided. Communication between a base station (11) and a mobile station (13) is performed by using time slots of the Time Division Multiple Access transmission system. The mobile station monitors time slots of the control carrier for base stations (11) around the mobile station (13) during periods of time slots for other than current speech channel. As for monitoring control slot in the same timing as the speech channel, the monitoring is performed during VOX periods, in which no voice signal exists. Since the control carrier state can be monitored during communication with the original base station, interruption of communication to change over to new base station can be minimized.

Fig. 2