

MOBILE COMMUNICATION SYSTEM, USER APPARATUS AND METHOD

ABSTRACT

5 A disclosed user apparatus is for use in a mobile communication system including a macrocell and a closed cell wherein unspecified users are allowed to access the macrocell and specified users are allowed to access the closed cell. The user apparatus includes a measurement unit configured to measure quality of a
10 signal provided from a camped cell in an idle state at a predefined cycle, a cell search unit configured to measure quality of a signal provided from a neighbour cell at a predefined cell search cycle, and a cell
15 reselection unit configured to reselect a cell depending on the cell search result. A frequency of the macrocell is at least partially identical to a frequency of the closed cell. If the user apparatus resides in the macrocell and a predefined reselection criterion is
20 satisfied, the closed cell adjacent to the camped cell is reselected as a standby cell. The predefined reselection criterion corresponds to a state where the quality of the signal provided from the closed cell has been higher than or equal to the quality of the signal
25 provided from the camped cell by a predefined threshold for more than a predefined reselection duration.

Figure 3