NETWORK SELECTION METHODS AND APPARATUS WITH HOME NETWORK PRIORITIZATION IN COUNTRY BORDER REGIONS

ABSTRACT

Network selection methods and apparatus with home network prioritization in country border regions are disclosed. In one illustrative example, a mobile station (200) is associated with a home communication network (402) having a home mobile country code (MCC). Being outside of the home network country, however, the mobile station (200) selects and operates with a non-home communication network (406) having a visiting MCC. After expiration of a timer, the mobile station (200) scans to identify a plurality of networks in a coverage area within which the mobile station (200) is operating. If the home network (402) having the home MCC is identified as being available, the mobile station (200) selects and operates with the home network (200). Otherwise, if the non-home network (406) having the visiting MCC is identified as being available, the mobile station (200) selects and operates with the non-home network (406).

Fig. 6