

ABSTRACT

Roaming mobile communication system and method for enabling a roaming call termination connection for a mobile subscriber between mobile communication networks which adopt different roaming number allocation schemes. A first mobile communication network in which a visited location register of a visited network visited by a mobile subscriber temporarily allocates a roaming number at a time of call termination connection for a received call to a mobile subscriber and a second mobile communication network in which a gateway location register of a visited network visited by a mobile subscriber allocates a roaming number at a time of position registration of a mobile subscriber are connected through an interworking location register, and a system formed by the first mobile communication network, the second mobile communication network, and the interworking location register are controlled such that the interworking location register functions as a visited location register from a viewpoint of the the first mobile communication network and as a home location register from a viewpoint of the second mobile communication network when a mobile subscriber of the first mobile communication network roams to the second mobile communication network, and functions as a home location register from a viewpoint of the first mobile communication network and as a gateway location register from a viewpoint of the second mobile communication network when a mobile subscriber of the second mobile communication network roams to the first mobile communication network, in a position registration and call termination connection control at a time of roaming of a mobile subscriber. (Fig. 10)

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