ABSTRACT OF THE DISCLOSURE

Interworking Function for VoLTE Outbound Roaming

This invention is a system and method for implementing a VoLTE and circuit switched voice and SMS interworking function to provide voice and SMS service to roaming mobile devices at visiting network based on Circuit-switched (CS) roaming towards VPLMN, and VoLTE voice and SMS roaming towards HPLMN. The interworking function translates CS signaling with VPLMN into IMS signaling towards IMS core at HPLMN. The interworking function also performs location-update registration at HSS at HPLMN for receiving mobile-terminated voice calls and SMS.

Figure 2.