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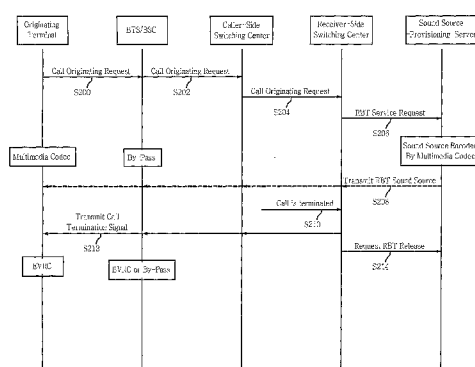
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(54) Title: METHOD AND SYSTEM FOR PROVIDING MULTIMEDIA RING BACK TONE SERVICE BY USING CALL-SIDE SWITCHING CENTER



(57) Abstract: Disclosed is a method for providing a multimedia Ring Back Tone service by using a caller-side switching center, which allows RBT sound sources previously set in a sound source-providing server by a called subscriber to be reproduced to an originating terminal by means of a Home Location Register (HLR) and the sound source-providing server for storing the RBT sound sources when a calling subscriber telephones the called subscriber, the HLR storing profile information including whether the subscriber has joined the RBT service, which including the steps of: (a) receiving location information of a terminating terminal, information regarding whether the terminating terminal has joined the RBT service, and information (multimedia codec information) regarding a multimedia codec supported by the originating terminal from the HLR, when the originating terminal attempts a call connection to the terminating terminal; (b) transmitting an ISDN User Part (ISUP) call connection request message including the multimedia codec information to the sound source-providing server, when the terminating terminal has joined the RBT service; (c) requesting a caller-side Base Transceiver Station (BTS) and the originating terminal to set the multimedia codec, thereby activating a routing path for the RBT service; and (d) receiving a RBT sound source selected using the multimedia codec information from the sound source-providing server and transmitting the RBT sound source to the originating terminal.

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