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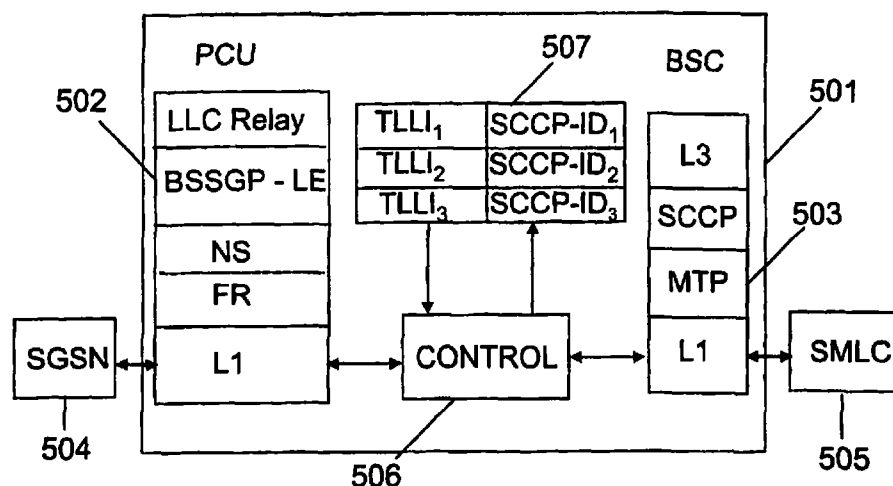
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4) Title: POSITIONING A SUBSCRIBER TERMINAL IN A PACKET-SWITCHED MOBILE TELEPHONY NETWORK USING BOTH PACKET-SWITCHED AND CIRCUIT-SWITCHED MESSAGES

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(57) Abstract: The object of the invention is a method, network element, and system for positioning a subscriber terminal in a packet-switched mobile telephone network, the said network comprising a core network element (SGSN, 504), base stations, a Base Station Controller (501) controlling these, and a mobile terminal; the connections in the mobile telephone network are arranged in a packet-switched fashion. The system comprises a location unit (SMLC, 505) for determining the position of the terminal, functionally connected with the Base Station Controller (501) of the mobile telephone network, the connection between the Base Station Controller (501) and the location unit (SMLC) is circuit-switched. The base station controller (501) comprises both circuit-switched (BSC) and packet-switched (PCU) functionality for processing circuit-switched, and respectively, packet-switched messages, as well as means (506, 507) for establishing an association between the circuit-switched and the packet-switched functionality for the transmission of data related to a specific positioning between the packet-switched and the circuit-switched functionality.