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[Continued on next page]

(54) **Title:** SIGNALING RADIO BEARER SECURITY HANDLING FOR SINGLE RADIO VOICE CALL CONTINUITY OPERATION

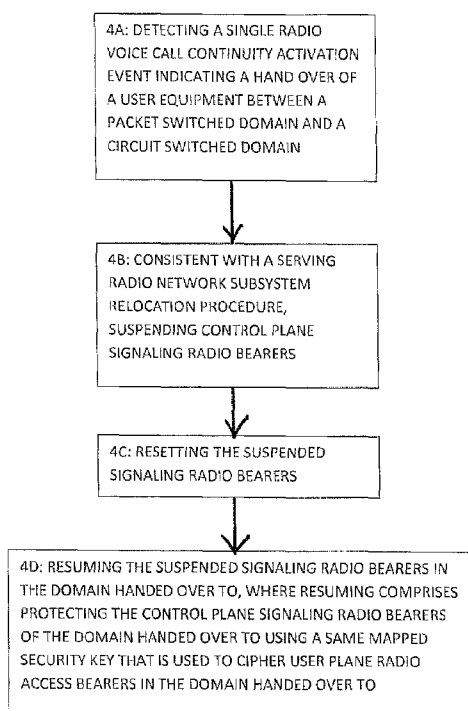


FIGURE 4

(57) **Abstract:** The exemplary embodiments of the invention provide at least a method, apparatus, and computer program to detect a single radio voice call continuity activation event indicating a handover of a user equipment between a packet switched domain and a circuit switched domain (4A), consistent with a serving radio network subsystem relocation procedure, suspend control plane signaling radio bearers (4B), reset the suspended signaling radio bearers in the domain handed over to, where resuming comprises protecting control plane signaling radio bearers of a domain handed over to using a same mapped security key that is used to cipher user plane radio access bearers in the domain handed over to (4D).



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