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(54) **Title**: ACCESS CONTROL FOR TERMINALS IN UTRAN FEMTO SYSTEM

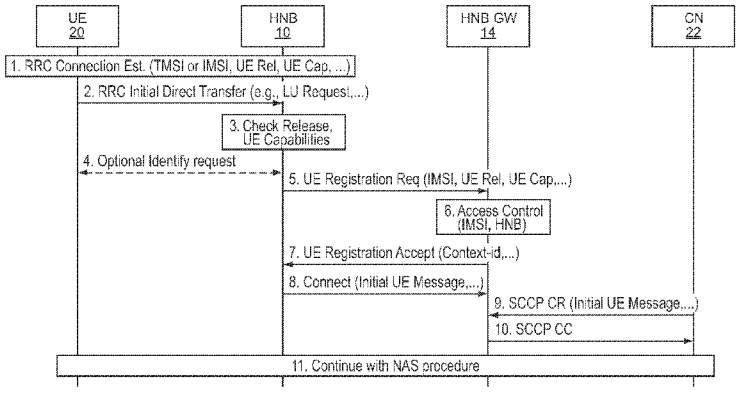


FIG. 6

(57) **Abstract**: The teachings herein provide authorization control enabling the co-existence of legacy mobile terminals (20) that do not support Closed Subscriber Groups (CSGs), and non-legacy mobile terminals (20) that do. New behaviors are defined for a CSG femtocell base station (10) (referred to as a Home NodeB or HNB), and for a base station gateway (14) (referred to as a HNB Gateway or HNB GW) that couples the HNB (10) to a Core Network (CN) (22). The HNB (10) and/or the HNB GW (14) determine whether a terminal (20) attempting to gain connection through the HNB (10) supports CSGs. If not, the HNB GW (14) performs access control and rejects the connection attempt if authorization fails. If the terminal (20) is recognized as supporting CSGs, the HNB GW (14) defers access control to the CN (22) by automatically accepting registration/connection requests from the HNB (10) for CSG-capable terminals (20). In such cases, the CN (22) is relied upon for access control, including any CSG authorization of the terminal (20). The HNB GW (14) indicates to the CN (22) whether or not access control was performed for the terminal (20).

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