

Title (en)
SYSTEM AND METHOD FOR MOBILE TERMINAL REGISTRATION IN AN INTEGRATED WIRELESS PACKET-SWITCHED NETWORK

Title (de)
SYSTEM UND VERFAHREN ZUM ANMELDEN VON MOBILEN ENDGERÄTEN IN EINEM INTERGRIERTEN DRAHTLOSEN
PAKETVERMITTELTEN NETZWERK

Title (fr)
SYSTEME ET PROCEDE D'ENREGISTREMENT DE TERMINAL MOBILE DANS UN RESEAU INTEGRE A COMMUTATION PAR PAQUETS
SANS FIL

Publication
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Application
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Priority

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Abstract (en)
[origin: WO0033523A1] A system and method of providing a dual registration scheme for a mobile terminal (112) in an integrated wireless telecommunications network (102) having a cellular network portion and a packet-switched network (PSN) portion (108). Upon detecting that the mobile terminal is moved into or powered up in the service area associated with a serving system, the serving system proceeds with the registration of the mobile terminal in the cellular infrastructure. Thereafter, suitable messaging is provided by the serving system via a gateway (116) disposed between the cellular and packet-switched network portions to a mobility server (306) disposed in the PSN for facilitating mobile terminal's registration therein. The mobility server maintains a directory for updating the location information of the mobile terminal pursuant to its registration or unregistration in the PSN. Accordingly, when a mobile terminal receives a call while roaming in a visited service area or located in a home service area, the call is routed using the registration information in the mobility server whereby the need for establishing an inter-MSC trunk is obviated.

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