

Title (en)

WIRELESS COMMUNICATIONS METHOD UTILIZING CONTROL CHANNELS

Title (de)

DRAHTLOSES KOMMUNIKATIONSVERFAHREN UNTER VERWENDUNG VON STEUERKANÄLEN

Title (fr)

PROCEDE DE COMMUNICATIONS SANS FIL FAISANT INTERVENIR DES CANAUX DE COMMANDE

Publication

EP 0872108 A1 19981021 (EN)

Application

EP 95929381 A 19950804

Priority

- CA 2228417 A 19950804
- US 9509887 W 19950804

Abstract (en)

[origin: WO9706626A1] A method for use with wireless communication systems operating over cellular control channel communication bands, paging communication bands, and satellite communication bands. A transceiver transmits specialized communication protocols that contain specialized data (100) to cell-sites and mobile switching centers. The data is packaged so it does not disrupt normal voice and data traffic. The application data is scanned and recognized at the cell-site and mobile switching center and routed to central monitoring stations via the public switched telephone network. Application specific data is processed and application specific responses are read by computers (116). The central monitoring station transmits command and instruction data to an application specific transceiver that contains circuitry to receive the application specific messaging from cellular forward control channels, paging bands, and satellite bands. The transceiver responds to received commands by transmitting specialized protocols over wireless communication system control channels. Specialized control channel protocols contain global positioning coordinance data, paging acknowledgment data, security status data, motor vehicle location and status data, and other application specific data.

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IPC 8 full level

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CPC (source: EP)

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