

Title (en)
PROVISIONING OF GPS ASSISTANCE DATA IN A WCDMA NETWORK

Title (de)
BEREITSTELLUNG VON GPS-HILFSDATEN IN EINEM WCDMA-NETZ

Title (fr)
FOURNITURE DE DONNEES D'ASSISTANCE GPS DANS UN RESEAU AMDC A LARGE BANDE

Publication
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Application
EP 99963868 A 19991105

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Abstract (en)
[origin: WO0034800A1] A method of provisioning differential GPS (DGPS) assistance data (58, 59) over a WCDMA wireless communication network (10) to facilitate positioning of mobile communication devices (12, 20). The method comprises providing differential GPS assistance data over a dedicated physical data channel (DPDCH) and/or a dedicated physical control channel (DPCCH). The mobile communication terminal has an integrated GPS receiver and can comprise of cellular or PCS telephony handsets, a mobile computer, PDAs, etc. The present invention facilitates a mechanism for providing the DGPS assistance data to achieve positioning of the mobile communication device accuracy down to about 5 meters.

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