

Title (en)
CELLULAR INTERNET PROTOCOL MODEM NETWORK

Title (de)
MODEMNETZWERK MIT ZELLULAREM INTERNETPROTOKOLL

Title (fr)
RESEAU A MODEM DE PROTOCOLE INTERNET CELLULAIRE

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Abstract (en)
[origin: WO0008788A1] An apparatus (100) according to the present invention is a cellular IP modem (150) which includes a baseband-to-intermediate frequency unit (153), and a radio frequency unit (154). The baseband-to-intermediate frequency unit (153) is configured to have a routing engine based on Cellular Internet Protocol. A method according to the present invention includes the steps of sending a data packet including routing information indicating an intermediate recipient other than a base station; receiving the packet at the intermediate recipient; and sending the packet in accordance with the routing information from the intermediate recipient to the base station. Additionally, a network architecture is described to support the creation of the Cellular IP network and its elements.

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