

Title (en)
METHOD FOR INCREASING THE CAPACITY OF A ORTHOGONAL WAVEFORM MULTIPLE ACCESS NETWORK, AND ASSOCIATED UNITS

Title (de)
VERFAHREN ZUR VERBESSERUNG DER KAPAZITÄT EINES CDMA-NETZWERKS UND ENTSPRECHENDE EINHEITEN

Title (fr)
PROCEDE POUR AUGMENTER LA CAPACITE D'UN RESEAU A ACCES MULTIPLE A FORME D'ONDE ORTHOGONALE, ET UNITES ASSOCIEES

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Abstract (en)
[origin: WO0105051A1] The invention concerns a method for increasing by M, M being any integer not less than 1, the number N, N being an integer not less than 2, communications set up between a central unit (15) and remote units (201-20N; 211-21M) of an orthogonal waveform multiple access network. The first N communications are multiplexed by orthogonal waveform multiple access in accordance with a first technique from the set of multiple access techniques consisting of TDMA, OCDMA, OFDMA and MC-OCDMA. The M communications additional to said N established communications are multiplexed by orthogonal waveform multiple access in accordance with a second technique from the set of multiple access techniques consisting of TDMA, OCDMA, OFDMA and MC-OCDMA, said second access technique being different from the first access technique.

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