

ABSTRACT

MULTI-USER SPREAD SPECTRUM COMMUNICATION SYSTEM

Multi-user communication system which combines means (12, 22) (12B, 22B) that implement the spread spectrum coding technique SSC with means (14n, 24n) (14Bn, 24Bm) that implement the modulation technique of orthogonal frequency-division multiplexing OFDM. This makes it possible to enhance the performance of the SSC
5 system by simplifying certain data processing and data acquisition mechanisms.

A preferred use is the use in telephone communication systems between mobile stations (U_1 , U_2) and base stations (B).

Reference: Fig. 2.

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